Module Catalogue
for the Subject
Applied Human Geography
as a Master’s with 1 major
with the degree "Master of Science"
(120 ECTS credits)

Examination regulations version: 2010
Responsible: Faculty of Arts, Historical, Philological, Cultural and Geographical Studies
Responsible: Institute of Geography and Geology
### Contents

The subject is divided into

Content and Objectives of the Programme

Abbreviations used, Conventions, Notes, In accordance with

Compulsory Courses

- Economic and Urban Geography
- Social Geography - Services and Information Society
- Applied human geography / Regional Sciences
- Tutoring - Tutoring practice for students of geography

Compulsory Electives

- Methods of Applied Human Geography and Minor-specific Specialisation
  - Methods of Applied Human Geography
    - Regional Monitoring
    - Spatial Analyses and assessment
    - Regional planning
  - Minor-specific Specialisation
    - Statistics 3
    - Geoinformatics / GIS / Data bank management
    - Climatology: climate change, implications and protection
    - Multinational Enterprises
    - Common European Labor Market
    - European Competition Policy
    - European Macroeconomic Policy
    - European Public Finance
    - Comparative Sociology

Research Experience and Work Placement

- Work placement / Professional practical training for Students of Applied Human Geography
- Research Experience for Students of Applied Human Geography
- Project studies of applied human geography

Thesis

- Master Thesis for Students of Geography
The subject is divided into

<table>
<thead>
<tr>
<th>section / sub-section</th>
<th>ECTS credits</th>
<th>starting page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compulsory Courses</td>
<td>40</td>
<td>6</td>
</tr>
<tr>
<td>Compulsory Electives</td>
<td>50</td>
<td>11</td>
</tr>
<tr>
<td>Methods of Applied Human Geography and Minor-specific Specialisation</td>
<td>20</td>
<td>12</td>
</tr>
<tr>
<td>Methods of Applied Human Geography</td>
<td>10-20</td>
<td>13</td>
</tr>
<tr>
<td>Minor-specific Specialisation</td>
<td>max. 10</td>
<td>17</td>
</tr>
<tr>
<td>Research Experience and Work Placement</td>
<td>30</td>
<td>27</td>
</tr>
<tr>
<td>Thesis</td>
<td>30</td>
<td>31</td>
</tr>
</tbody>
</table>
Content and Objectives of the Programme

The study of Applied Human Geography provides in-depth knowledge in the current research areas of Economic and Urban Geography, Social Geography with special consideration of services and information society, and of Regional Research.

In today's global society, the issues that geographers face are subject to rapid changes.

The content of the courses and lectures are therefore continuously updated and adapted to the relevant social requirements.

In addition, the students are taught techniques for continuous Spatial Observation.

These include, among other things, the retrieval and analysis of area information, visualization, monitoring, and communication.

The predominantly descriptive observation of spaces is supplemented by the analysis and evaluation of spaces which can be realized through various valuation procedures and analytical processes.

The students are also provided with essential knowledge in Planning Legislation, Regional Marketing, and Regional Management.

Complementary to these important courses on methodology, the students are offered a choice of modules in economic, legal, political and social sciences.

Work placement and research internships, also abroad, as well as active cooperation in project studies allow an insight into the working world of the geographer.

Through their final examination, the students demonstrate their ability to autonomously conduct specific and time restricted research projects from Applied Human Geography according to standard procedures or to work independently from the scientific point of view.
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:

ASPO2009

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

28-Sep-2010 (2010-38)

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.
Compulsory Courses

(40 ECTS credits)
### Economic and Urban Geography

<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economic and Urban Geography</td>
<td>09-HG-MSc-HG1-102-m01</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module coordinator</th>
<th>Module offered by</th>
</tr>
</thead>
<tbody>
<tr>
<td>holder of the Chair of Economic Geography</td>
<td>Institute of Geography and Geology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 semester</td>
<td>graduate</td>
<td>--</td>
</tr>
</tbody>
</table>

### Contents

The module provides an overview of international economic relationships and in particular of global trade. During the first semester, the most important world trade flows will be analysed and theoretical approaches will be verified and further developed. Hubs of exchange concerning goods and services, which will be of great importance for the second semester, have formed in international trade. Depending on the global economy, the world trade is continuously exposed to changes. This applies to centres of international trade, too. The contents of the lecture and seminar will be adapted to these changes, which will be discussed with students in detail, continuously.

### Intended learning outcomes

Detailed knowledge of global economy and international trade. Dealing with major databases on the subject of world trade commodities (e.g. WTO, UNCTAD, EU). Critical analysis of selected theoretical issues, such as the liberalisation and protectionism of the world trade as well as the global trade and fight against poverty. Furthermore, the significance of global cities and processes that contribute to changes of global network structures will be discussed.

### Courses

This module comprises 2 module components. Information on courses will be listed separately for each module component.

- 09-HG-MSc-HG1-1-102: V (no information on SWS (weekly contact hours) and course language available)
- 09-HG-MSc-HG1-2-102: S (no information on SWS (weekly contact hours) and course language available)

### Method of assessment

Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

**Assessment in module component 09-HG-MSc-HG1-1-102: Global Trade**

- 5 ECTS, Method of grading: numerical grade
- written examination (approx. 60 minutes)
- Language of assessment: German, English

**Assessment in module component 09-HG-MSc-HG1-2-102: Centers in the World Economy**

- 5 ECTS, Method of grading: numerical grade
- presentation (approx. 30 minutes) with written elaboration (approx. 25 pages), weighted 1:1
- Language of assessment: German, English

### Allocation of places

--

### Additional information

--

**Referred to in LPO I**

(examination regulations for teaching-degree programmes)
Module title
Social Geography - Services and Information Society

Abbreviation
09-HG-MSc-HG2-102-m01

Module coordinator
holder of the Professorship of Social Geography

Module offered by
Institute of Geography and Geology

ECTS
10

Method of grading
numerical grade

Only after succ. compl. of module(s)
--

Duration
1 semester

Module level
graduate

Other prerequisites
--

Contents
The module provides an overview of geographical processes, structures and relations to service and information society. Newer processes in the range of services as well as in demand-related behaviour will be sustained by developments around the information and communication technologies (IKT). The first module component will cover theoretical approaches concerning the tertiary and quaternary sector as well as geographical facets and effects of the new information and communication technologies and course of action of the technology-oriented regional development. The second module component will discuss in-depth and on the basis of an example concerning the retail sector and the consumer behaviour current developments and perspectives regarding service and information society as well as it will cover issues concerning the planning controllability of retail developments.

Intended learning outcomes
In this course, students will be provided with consolidated knowledge of structures and processes in the sector of services and information society, the ability to reflect theoretical approaches and terms critically (knowledge-based society, network society, company form change, digital divide), the ability to evaluate possibilities and spatial effects of ICT as well as retail developments.

Courses (type, number of weekly contact hours, language — if other than German)
This module comprises 2 module components. Information on courses will be listed separately for each module component.

• 09-HG-MSc-HG2-1-102: S (no information on SWS (weekly contact hours) and course language available)
• 09-HG-MSc-HG2-2-102: S (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

Assessment in module component 09-HG-MSc-HG2-1-102: Spatial Components of the Information Society
• 5 ECTS, Method of grading: numerical grade
• presentation (approx. 30 minutes) and term paper (approx. 25 pages), weighted 1:1
• Language of assessment: German, English

Assessment in module component 09-HG-MSc-HG2-2-102: Geography of Retailing and Consumer Behaviour
• 5 ECTS, Method of grading: numerical grade
• presentation (approx. 30 minutes) and term paper (approx. 25 pages), weighted 1:1
• Language of assessment: German, English

Allocation of places
--

Additional information
--

Referred to in LPO I (examination regulations for teaching-degree programmes)
--
<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied human geography / Regional Sciences</td>
<td>09-HG-MSc-HG3-102-m01</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module coordinator</th>
<th>Module offered by</th>
</tr>
</thead>
<tbody>
<tr>
<td>holder of the Chair of Geography and Regional Science</td>
<td>Institute of Geography and Geology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 semester</td>
<td>graduate</td>
<td>--</td>
</tr>
</tbody>
</table>

**Contents**

Theoretical, terminological and methodological foundations of the regional planning as well as its legal basis and most common fields of application; Knowledge of former and modern planning models and plans, geographical structural categories, conceptions as well as formal and informal tools of the spatial planning and spatial development.

**Intended learning outcomes**

Skills of spatial planning specialised nomenclature and their handling concerning the arrangement and interpretation of plans of different benchmark levels; Skill of qualified application and use of spatial analytical and spatial planning tools.

**Courses**

This module comprises 2 module components. Information on courses will be listed separately for each module component.

- 09-HG-MSc-HG3-1-102: V (no information on SWS (weekly contact hours) and course language available)
- 09-HG-MSc-HG3-2-102: V (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**

Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

**Assessment in module component 09-HG-MSc-HG3-1-102: Planning Law**

- 5 ECTS, Method of grading: numerical grade
- Written examination (approx. 45 minutes)

**Assessment in module component 09-HG-MSc-HG3-2-102: Regional and Environmental Planning**

- 5 ECTS, Method of grading: numerical grade
- Written examination (approx. 45 minutes)

**Allocation of places**

--

**Additional information**

--

**Referred to in LPO I**

(examination regulations for teaching-degree programmes)
<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tutoring - Tutoring practice for students of geography</td>
<td>09-HG-MSc-Tut1-102-m01</td>
</tr>
</tbody>
</table>

**Module coordinator**

holder of the Chair of Economic Geography

**Module offered by**

Institute of Geography and Geology

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Other prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>(not) successfully completed</td>
<td>--</td>
</tr>
</tbody>
</table>

**Duration**

2 semester

**Module level**

graduate

**Contents**

Introduction to the basics of "Communication" and "University Teaching". Consolidation of scientific work principles (scientific writing, presentations). Tutorials and introduction to the role as a tutor, trial as tutor during acting as a tutor for certain bachelor courses of the Institute of Geography.

**Intended learning outcomes**

Students dispose over fundamental knowledge concerning university teaching and advanced knowledge of the scientific work. Students consolidate their self and social competencies on the basis of already acquired knowledge and skills concerning the visualisation of contents as well as course and guidance of group discussions. By providing Bachelor students with their expertise and methodological knowledge as well as their experiences as Master students, they support the Bachelor students’ learning processes as well as reflection of the group dynamics during the tutorial. During the individual design of role as tutor as well as due to constant feedback through students, the own professionality grows.

**Courses**

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

S + T (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**

(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

portfolio including e. g. small pieces of practice work, work sheets, presentations, logs (approx. 40 pages)

**Allocation of places**

--

**Additional information**

--

**Referred to in LPO I**

(examination regulations for teaching-degree programmes)

--
Compulsory Electives
(50 ECTS credits)
Methods of Applied Human Geography and Minor-specific Specialisation

(20 ECTS credits)
Methods of Applied Human Geography
(10-20 ECTS credits)
Module title  | Abbreviation
---|---
Regional Monitoring  | 09-HG-MSc-Meth1-102-m01

Module coordinator | Module offered by
holder of the Chair of Geography and Regional Science | Institute of Geography and Geology

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

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

Contents
Remote sensing acquisition of land surface and characterisation as well as quantification of relevant state variables (including vegetation and soil parameters, sealing degrees). Landscape analysis (e.g. location relation, fragmentation of landscape features, urban structures), evaluation approaches and monitoring methods. Geographical and geospatial information from the area of "Applied Geography" will be organised and visualised by means of Cartography Systems or GIS (e.g. with the help of thematised maps as communication tool) as well as analysed (including geographical screening and intersection, determination of locations and commuting areas).

Intended learning outcomes
Skills of methodological acquisition and content-related assessment of parameters of the land surface against the background of different geographical application cases will be covered in this course. Due to the kind and complexity of issues, the interdisciplinary work will be encouraged. Moreover, students are provided with content-related and technical skills in the data organisation and data analysis as well as cartographic presentation of analysis findings.

Courses (type, number of weekly contact hours, language — if other than German)
This module comprises 2 module components. Information on courses will be listed separately for each module component.
- 09-RELA1-1-102: Ü (no information on SWS (weekly contact hours) and course language available)
- 09-HG-MSc-Meth1-2-102: S (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

Assessment in module component 09-RELA1-1-102: Remote Sensing of land surface parameters
- 5 ECTS, Method of grading: numerical grade
- project report (approx. 20 pages) or poster
- Language of assessment: German, English

Assessment in module component 09-HG-MSc-Meth1-2-102: Remote sensing of land surface parameters
- 5 ECTS, Method of grading: numerical grade
- 5 exercises (approx. 20 pages)

Allocation of places
--

Additional information
--

Referred to in LPO I (examination regulations for teaching-degree programmes)
--
Module title | Abbreviation
---|---
Spatial Analyses and assessment | 09-HG-MSc-Meth2-102-m01

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

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 semester</td>
<td>graduate</td>
<td>--</td>
</tr>
</tbody>
</table>

Contents

The module covers essential methodological elements of "Applied Geography" with the help of qualified processes and techniques of regional analysis and process modelling as well as theoretical and methodological basics of the decision preparation concerning planning processes. In the first module component will be presented advanced methods and techniques concerning the analysis and modelling of quantitative data with the help of case studies and possibilities of their planning-related application (e.g. simulation) will be discussed, too. The second module component deals primarily with fundamental aspects of action and decision theory. Rational explanatory models concerning the choice behaviour will be debated and completed with strategical and institutional point of views. In addition, processes for the decision making, i.e. the goal formation and evaluation of action alternatives, will be presented and discussed in the context of geospatial planning processes.

Intended learning outcomes

The module provides students with advanced, theoretical and profound methodical expertise in the analysis and modelling of spatial data as well as the assessment of spatial planning issues.

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

This module comprises 2 module components. Information on courses will be listed separately for each module component.
- 09-HG-MSc-Meth2-1-102: S (no information on SWS (weekly contact hours) and course language available)
- 09-HG-MSc-Meth2-2-102: S (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

Assessment in module component 09-HG-MSc-Meth2-1-102: Methods of Analyses and Modelling
- 5 ECTS, Method of grading: numerical grade
- a) practical exercises (approx. 20 pages) or b) term paper (approx. 15 pages) and presentation (approx. 30 minutes) or c) written examination (approx. 45 minutes)

Assessment in module component 09-HG-MSc-Meth2-2-102: Decision Theory and assessment methods
- 5 ECTS, Method of grading: numerical grade
- a) practical exercises (approx. 20 pages) or b) term paper (approx. 15 pages) and presentation (approx. 30 minutes) or c) written examination (approx. 45 minutes)

Allocation of places

--

Additional information

--

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

--
Module title | Abbreviation
---|---
Regional planning | 09-HG-MSc-Meth3-102-m01

Module coordinator | Module offered by
holder of the Chair of Geography and Regional Science | Institute of Geography and Geology

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

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

Contents
The course deals with conceptional approaches and tools of regional marketing and regional management as well as presentation and discussion of regional case studies. Discussion of current issues of the regional development, regional research and regional planning in Bavaria, Germany and Europe.

Intended learning outcomes
Students will acquire skills when dealing with tools of spatial planning and development. Ability to assess concepts and use of tools.

Courses (type, number of weekly contact hours, language — if other than German)
This module comprises 2 module components. Information on courses will be listed separately for each module component.
- 09-HG-MSc-Meth3-1-102: S (no information on SWS (weekly contact hours) and course language available)
- 09-HG-MSc-Meth3-2-102: S (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.

Assessment in module component 09-HG-MSc-Meth3-1-102: Regional marketing and -management
- 5 ECTS, Method of grading: numerical grade
- presentation (approx. 45 minutes) and term paper (approx. 20 pages), weighted 1:1

Assessment in module component 09-HG-MSc-Meth3-2-102: Regional studies and regional development
- 5 ECTS, Method of grading: numerical grade
- presentation (approx. 45 minutes) and term paper (approx. 20 pages), weighted 1:1

Allocation of places
--

Additional information
--

Referred to in LPO I (examination regulations for teaching-degree programmes)
--
Minor-specific Specialisation
(max. 10 ECTS credits)
### Module title
Statistics 3

<table>
<thead>
<tr>
<th><strong>Module coordinator</strong></th>
<th><strong>Module offered by</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>holder of the Chair of Physical Geography</td>
<td>Institute of Geography and Geology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>ECTS</strong></th>
<th><strong>Method of grading</strong></th>
<th><strong>Only after succ. compl. of module(s)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Duration</strong></th>
<th><strong>Module level</strong></th>
<th><strong>Other prerequisites</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 semester</td>
<td>graduate</td>
<td>--</td>
</tr>
</tbody>
</table>

### Contents
Geoscientific issues will often be studied with the help of larger data sets. Already at the level of the master's thesis, the use of univariate and multivariate processes of statistic, which can only be implemented on the computer due to the amount of data, will be necessary in certain cases - particularly to "Climatology and Remote Sensing" - the amount of data is as large or in some cases too specific that common statistical programmes like SPSS, R, S or even Excel cannot be used. Thus, in the module "Statistics III" common and specific processes of univariate and multivariate statistic will be implemented on the computer with the help of basic programming language FORTRAN and by plausible examples from different areas of Geography.

### Intended learning outcomes
Based on the theoretical knowledge of uni and multivariate statistics, which has been acquired during the B.A., the module "Statistics III" will provide students with qualifications in the area of applying statistical processes. Next to the statistical-methodological aspects, programming skills will be implemented, as it is more and more a key qualification for geographers in the vocational and research fields. Processes, which are listed in the module component description, will be applied to current examples from the geographical research and practice in order to serve students as a target-oriented preparation for the master's thesis.

### Courses
**Ü** (no information on SWS (weekly contact hours) and course language available)

### Method of assessment
**practice work (approx. 15 pages)** and oral examination of one candidate each or oral examination in groups (approx. 15 minutes per candidate each), weighted 1:1

Language of assessment: German, English

### Allocation of places
--

### Additional information
--

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

--
<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geoinformatics / GIS / Data bank management</td>
<td>09-MMT7-102-m01</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module coordinator</th>
<th>Module offered by</th>
</tr>
</thead>
<tbody>
<tr>
<td>holder of the Professorship of Climatology</td>
<td>Institute of Geography and Geology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 semester</td>
<td>graduate</td>
<td>--</td>
</tr>
</tbody>
</table>

Contents

No information on contents available.

Intended learning outcomes

No information on intended learning outcomes available.

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

Ü (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

Practice work (approx. 15 pages) and oral examination of one candidate each (approx. 15 minutes), weighted 1:1

Language of assessment: German, English

Allocation of places

--

Additional information

--

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

--
Module title: Climatology: climate change, implications and protection  
Abbreviation: 09-MAT1-102-m01

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

ECTS: 5  
Method of grading: numerical grade  
Duration: 1 semester  
Module level: graduate  
Other prerequisites: --

Contents:
The module "Climatology" provides students with the resource "climate" that is an important constraint concerning structures and processes on the Earth's surface. Particularly the variability of the atmospheric conditions on the atmospheric time-scale makes up the main focus of the module. The module component pursues the problem complex "climate change", whereas the anthropogenic influencing on the terrestrial climate system will be assessed in the light of natural climate factors and fluctuations. Observed climate signs and climate model findings will be presented and the ecological as well as socio-economic consequences of the climate change will be evaluated. Further, requirements, possibilities and problems of the climate policy will be highlighted.

Intended learning outcomes:
Students get profound insights into mechanisms of climate variability on the basis of physical and mathematical explicit descriptions of atmospheric processes. Especially, the causal relations of natural and anthropogenic climate factors will be discussed. Hence, students get a profound understanding of the problems of anthropogenic climate change and learn to evaluate other issues to "earth sciences" against the background of the changeable geo resource.

Courses:
V (no information on SWS (weekly contact hours) and course language available)

Method of assessment:
written examination (approx. 60 minutes)  
Language of assessment: German, English

Allocation of places:
--

Additional information:
--

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

### Module title
Multinational Enterprises

### Abbreviation
12-M-MNE-102-m01

### Module coordinator
holder of the Chair of Public Finance

### Module offered by
Faculty of Business Management and Economics

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

### Duration
1 semester

### Module level
graduate

### Other prerequisites
--

### Contents
This module will be discontinued, no courses are offered currently or will be offered in future.

This may be due to one of the following reasons:

- the module belongs to a version of the examination regulations that no longer has any enrolled students
- the lecturer who offered the course is no longer employed at the University of Würzburg
- the contents are no longer taught and were substituted with comparable offers

For more information, please contact the Office of the Dean of Studies of the Faculty of Business Management and Economics.

### Intended learning outcomes
Due to the lack of relevance, no learning outcomes description is available because no courses are held for this module.

### Courses
V (no information on SWS (weekly contact hours) and course language available)

### Method of assessment
oral examination (approx. 30 minutes)

Language of assessment: English

### Allocation of places
Business Management Master’s and Economics Master’s: no restrictions. Applied Human Geography Master’s: 10 places. Places will be allocated by lot.

### Additional information
--

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

--
<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common European Labor Market</td>
<td>12-M-EW-102-m01</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module coordinator</th>
<th>Module offered by</th>
</tr>
</thead>
<tbody>
<tr>
<td>holder of the Chair of Economic Order and Social Policy</td>
<td>Faculty of Business Management and Economics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 semester</td>
<td>graduate</td>
<td>--</td>
</tr>
</tbody>
</table>

### Contents

**Description:**
This course provides an overview of the current situation on the European labour markets, their institutions as well as common and country-specific regulations in the area of structural and social policy. In addition, students are introduced to economic theories that can explain the concentration of economic activity.

**Outline of syllabus:**
1. European integration - an introduction
2. European labour markets - overview and explanations
3. The common European labour market - European regulations
4. The impact of European structural funds
5. Public cluster policy - a new miracle solution?

**Basic reading:**

### Intended learning outcomes

The students gain knowledge about the impact of the process of the European Integration on the national labour markets. They receive an overview of the possible labour market measures and they can discuss approaches aimed to reduce income disparities within the European Union. Additionally the students will be enabled to understand the emergence of geographically and economically concentrated areas. Subsequently possible public policies to intervene in the process of concentration are evaluated.

### Courses

<table>
<thead>
<tr>
<th>type, number of weekly contact hours, language — if other than German</th>
</tr>
</thead>
<tbody>
<tr>
<td>V + Ü (no information on SWS (weekly contact hours) and course language available)</td>
</tr>
</tbody>
</table>

### Method of assessment

<table>
<thead>
<tr>
<th>type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus</th>
</tr>
</thead>
<tbody>
<tr>
<td>written examination (approx. 60 minutes)</td>
</tr>
</tbody>
</table>

### Allocation of places

Business Management Master’s and Economics Master’s: no restrictions. Applied Human Geography Master’s and Political and Social Sciences Master’s: 10 places. Places will be allocated by lot.

### Additional information

--

### Referred to in LPO I

(examination regulations for teaching-degree programmes)

--
Module title | Abbreviation
---|---
European Competition Policy | 12-M-WPE-102-m01

Module coordinator
holder of the Chair of Industrial Economics

Module offered by
Faculty of Business Management and Economics

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

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

Contents

Outline of syllabus:
1. Legal environment, competition laws
2. Market definition
   - Qualitative methods
   - Simple quantitative methods
   - Hypothetical monopoly test
3. Horizontal agreements and collusion: repeated games and factors affecting likelihood of collusion
4. Horizontal mergers and collusion
   - Economic theory
   - Efficiency effects
   - Coordinated effects
5. Vertical relations and contracts
   - Economic analysis of contracts
   - "More economic approach"
6. Abuse of dominant position
   - Classification of abusive conduct
   - Economic analysis of abusive conduct and theory of harm

The course will be taught in English.

Intended learning outcomes

After completion of the module students can use the advanced concepts introduced in the lecture of competition policy, including the legal framework, the trace models and methods for the study of competition policy issues, as well as understand the approach of European competition policy in high profile cases. When they are confronted with practical problems, they can refer to these cases, and the same logic to practical examples apply by draining the relevant economic theories that identify variables to be measured and methodologies for assessing, and based on that adequate conclusions for appropriate cases. They will sufficiently understand the subject in order to open up that build upon literature in journals and being able to think critically.

Courses (type, number of weekly contact hours, language — if other than German)
V (no information on SWS (weekly contact hours) and course language available)

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
written examination (approx. 60 minutes) or term paper (approx. 20 pages)

Allocation of places

Business Management Master’s and Economics Master’s: no restrictions. Applied Human Geography Master’s and Political and Social Sciences Master’s: 10 places. Places will be allocated by lot.

Additional information

--

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

--
Module title: European Macroeconomic Policy

Abbreviation: 12-M-EMP-102-m01

Module coordinator: holder of the Chair of Monetary Policy and International Economics

Module offered by: Faculty of Business Management and Economics

ECTS: 5

Method of grading: Only after succ. compl. of module(s)

Duration: 1 semester

Module level: graduate

Contents

Description:
The course provides students with an overview of the macroeconomic conditions and consequences of European integration and monetary union. The course thus helps students gain a deeper understanding of the current crisis in the euro area as well as the debate on the future of European economic integration.

Content:
The first part of the course provides students with an overview of the history of European integration with a focus on economic and monetary integration. We then discuss the institutional framework of the European Monetary System, the predecessor of the euro area in the period from 1979 to 1998. Next, the criteria for admission to the European Monetary Union (EMU) and the monetary policy strategy of the European Central Bank will be presented and discussed. Building on the traditional Mundell-Fleming model, the course will make students familiar with the theory of the optimum monetary area and will then provide them with deeper insights into this theory on the basis of a simple New Keynesian model. Students will thus be able to make a well-founded assessment of the advantages and disadvantages of monetary union as well as the conditions under which monetary union can be successful. In the final part of the course, we analyse the coordination and incentive problems that arise for fiscal policy in a monetary union. In particular, we deal with the question of how these issues are addressed within the European Monetary Union. Current macroeconomic developments within the euro area as well as the causes and consequences of the euro crisis are discussed at various points in the course.

Intended learning outcomes

After completing this course students will have gained a profound understanding of the costs and benefits of monetary integration in general and specifically in the EMU. Thus, they will enhance their general macroeconomic understanding by applying it to real world problems. In addition, students will have knowledge of the institutions of common fiscal and monetary policy in Europe.

Courses

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

V + Ü (no information on SWS (weekly contact hours) and course language available)

Method of assessment

(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

written examination (approx. 60 minutes)

Allocation of places

Business Management Master’s and Economics Master’s: no restrictions. Applied Human Geography Master’s and Political and Social Sciences Master’s: 10 places. Places will be allocated by lot.

Additional information

--

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

--
<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>European Public Finance</td>
<td>12-M-EFP-102-m01</td>
</tr>
</tbody>
</table>

**Module coordinator**
holder of the Chair of Public Finance

**Module offered by**
Faculty of Business Management and Economics

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Other prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

**Duration**
1 semester

**Module level**
graduate

**Contents**

**Description:**
In this course, students will acquire a basic understanding of the financial system of the European Union as well as selected aspects of European agricultural, tax and climate policy.

Reading: lecture notes provided by Chair.

**Outline of syllabus:**
1. The budget of the European Union
2. The Common Agricultural Policy (CAP)
3. The Stability and Growth Pact (SGP)
4. Tax competition or tax coordination in Europe?
5. Emissions trading and European climate policy

**Intended learning outcomes**
After completing the course “Europäische Finanzpolitik” students know the central revenues and expenditures of the budget of the European Union. They also know the most important instruments of the agricultural policy and the debt problem within the European currency union. Finally they will be able to discuss international tax policy and climate issues using simple partial equilibrium models.

**Courses**
V + Ü (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**
written examination (approx. 60 minutes)

**Allocation of places**
Business Management Master’s and Economics Master’s: no restrictions. Applied Human Geography Master’s and Political and Social Sciences Master’s: 10 places. Places will be allocated by lot.

**Additional information**
--

**Referred to in LPO I** (examination regulations for teaching-degree programmes)
--
### Module Catalogue for the Subject

**Applied Human Geography**

**Master's with 1 major, 120 ECTS credits**

<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Comparative Sociology</strong></td>
<td>06-MA-GES-Ex-102-m01</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Module coordinator</strong></th>
<th><strong>Module offered by</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>holder of the Chair of Sociology and Sociological Theory</td>
<td>Chair of Sociology and Sociological Theory</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 semester</td>
<td>graduate</td>
<td>--</td>
</tr>
</tbody>
</table>

### Contents

Overview of theoretical and methodological conceptions in the field of comparative social science

### Intended learning outcomes

Students will learn to analytically describe and compare divergent types of society and societal development

### Courses

<table>
<thead>
<tr>
<th>type, number of weekly contact hours, language — if other than German</th>
</tr>
</thead>
<tbody>
<tr>
<td>V (no information on SWS (weekly contact hours) and course language available)</td>
</tr>
</tbody>
</table>

### Method of assessment

(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

a) written examination (180 minutes) or b) oral examination (approx. 30 minutes)

Language of assessment: German, other language

### Allocation of places

Political and Social Sciences Master's: no restrictions. Economics Master's: 5 places. Places will be allocated by lot.

### Additional information

--

### Referred to in LPO I

(examination regulations for teaching-degree programmes)

--
Research Experience and Work Placement

(30 ECTS credits)
### Module Catalogue for the Subject

**Applied Human Geography**

**Master's with 1 major, 120 ECTS credits**

<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work placement / Professional practical training for Students of Applied Human Geography</td>
<td>09-HG-MSc-BPrax1-102-m01</td>
</tr>
</tbody>
</table>

**Module coordinator**

holder of the Professorship of Social Geography

**Module offered by**

Institute of Geography and Geology

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Other prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>(not) successfully completed</td>
<td>--</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 semester</td>
<td>graduate</td>
</tr>
</tbody>
</table>

**Contents**

German contents available but not translated yet.

Das Praktikum ist an einer fachnahen Dienststelle oder einem Betrieb der in Aussicht genommenen Berufsführung abzuleisten. Es soll qualifizierte fachliche und methodisch-angewandte Tätigkeiten umfassen, die der/m Praktikant/in einen vertiefenden Einblick in die Berufswelt vermitteln.

**Intended learning outcomes**

German intended learning outcomes available but not translated yet.

Die Studierenden erhalten vertiefende Einblicke in ein Berufsfeld von Geograph(-inn)en bei einem Arbeitgeber im Gesamtumfang von ca. 8 Wochen Praktikum. Die Studierenden gewinnen Kontakte und erwerben qualifizierte praktische und methodische Kompetenzen in einem konkreten beruflichen Umfeld.

**Courses**

P (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**

placement report / fieldwork report / report on practical training / report on practical course / project report / report on technical course (approx. 20 pages) and colloquium (approx. 45 minutes); bestanden (successfully completed) required for both components

Language of assessment: German, English

**Allocation of places**

--

**Additional information**

Additional information on module duration: approx. 8 weeks.

**Referred to in LPO I**

(examination regulations for teaching-degree programmes)
<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research Experience for Students of Applied Human Geography</td>
<td>09-HG-MSc-FPrax1-102-m01</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module coordinator</th>
<th>Module offered by</th>
</tr>
</thead>
<tbody>
<tr>
<td>holder of the Chair of Economic Geography</td>
<td>Institute of Geography and Geology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 semester</td>
<td>graduate</td>
<td>--</td>
</tr>
</tbody>
</table>

### Contents

No information on contents available.

### Intended learning outcomes

No information on intended learning outcomes available.

### Courses

P (no information on SWS (weekly contact hours) and course language available)

### Method of assessment

placement report / fieldwork report / report on practical training / report on practical course / project report / report on technical course (approx. 20 pages) and colloquium (approx. 45 minutes), weighted 3:1

Language of assessment: German, English

### Allocation of places

--

### Additional information

Additional information on module duration: approx. 8 weeks.

### Referred to in LPO I

(examination regulations for teaching-degree programmes)
# Project studies of applied human geography

**Module title:** Project studies of applied human geography  
**Abbreviation:** 09-HG-MSc-Proj1-102-m01

**Module coordinator:** holder of the Professorship of Geography and Regional Science  
**Module offered by:** Institute of Geography and Geology

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

**Duration:** 1 semester  
**Module level:** graduate  
**Other prerequisites:** --

**Contents**

Content-related debates and discussions, use of survey procedures and analytical methods, critical reflection of methods and results as well as their documentation and presentation using the example of current research issues.

**Intended learning outcomes**

Students have knowledge of the feasibility of project studies and application of the required methods and techniques. Due to the team work, students will further develop their social competences.

**Courses**  
**Method of assessment**

S + P (no information on SWS (weekly contact hours) and course language available)

- project report (approx. 20 pages) and poster  
- Language of assessment: German, English

**Allocation of places**

--

**Additional information**

--

**Referred to in LPO I**

(examination regulations for teaching-degree programmes)

--
Thesis

(30 ECTS credits)
<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master Thesis for Students of Geography</td>
<td>09-MAA1-102-m01</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module coordinator</th>
<th>Module offered by</th>
</tr>
</thead>
<tbody>
<tr>
<td>chairperson of examination committee Angewandte Humangeographie (Applied Human Geography)</td>
<td>Institute of Geography and Geology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>numerical grade</td>
<td>--</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 semester</td>
<td>graduate</td>
<td>--</td>
</tr>
</tbody>
</table>

**Contents**

Adhering to the principles of good scholarly practice, students will independently process an academical issue and draw up a master's thesis.

**Intended learning outcomes**

Students have the following abilities:
- Ability to write a scientific work in good scholarly practice (description and analysis of an issue, literature research, theory reference, interpretation of data, logical conclusions and solution approaches concerning a scientific issue).
- Linguistic competence.
- Ability to accomplish tasks in a given period of time.

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

C (no information on SWS (weekly contact hours) and course language available)

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

Master's thesis (approx. 120 pages)

Language of assessment: German, English

**Allocation of places**

--

**Additional information**

--

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

--