

Module Catalogue

for the Subject

Geography

as a degree subject in a Bachelor's degree programme with 2
majors
(85 ECTS credits)

Examination regulations version: 2010

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

Responsible: Institute of Geography and Geology

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The subject is divided into

section / sub-section	ECTS credits	starting page
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Content and Objectives of the Programme

The program of studies is intended to provide a solid background in the most important subfields of geography and familiarize the student with the techniques of geographical reasoning and working. Their education and training towards analytical and synthetic thinking is to provide the future geographers with the skills to adapt to new tasks and to gain and develop the basic knowledge required for achieving their Bachelor- and Master-Degrees. Therefore, the main focus is on the comprehension of the fundamental geographical terms and theories as well as on a sound knowledge of techniques and the development of typical thought processes. The primary educational objective of the undergraduate studies towards a Bachelors degree with professional qualifications is thus the acquisition of skills to purposefully analyze, assess and effectively co-design physical structures and development processes, the development of current land management with regard to its effect on landscape ecology, society and economy, and to ultimately exceed pure examination of eco-systems by assessing both social facets and aspects regarding environmental economics, policies and laws. The opportunity to enrol in related subject groups of their choice assists the students in becoming familiar with basic ways of thinking and specific working techniques.

Specifically, the following student outcomes (knowledge, skills and competencies) are achieved:

- Expert knowledge about geography, geoscience and spatial science.
- Overview of the relationship of their own disciplines and neighboring disciplines.
- Ability to identify, formulate and - supported by personally researched literature - solve subject-specific as well as interdisciplinary problems and tasks related to the environment.
- Processing of analysis, synthesis and development tasks with particular reference to scientific, technical, social, ecological, economic and social constraints and standards by means of appropriate methods and the application of adequate working techniques (particularly regarding EDP).
- Preparation for flexible employment in various professional areas through methodical, subject-specific and interdisciplinary skills.
- Capability to discuss geographical contents and problems with peers and colleagues and to explain them to a more diverse audience.
- Ability to work independently as well as cooperatively, to effectively organize and carry out projects and to develop into and assume managerial responsibilities.
- Preparation for their start into professional (industrial or scientific) life by sufficient practical experience and vocational training.

The final examination is to determine whether the geographical aspects taught during the program of studies have been understood, and whether the candidate has achieved the skill to apply the scientific methods. The goal of the examination is the achievement of an internationally comparable degree in Geography representing, in the framework of consecutive undergraduate studies towards a Bachelors and Masters degree, a first certification with professional qualifications, which is, among others, a prerequisite to subsequent Master study programs.

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)):

21-Mar-2011 (2011-33)

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

(60 ECTS credits)

General Physical Geography

(15 ECTS credits)

Module title		Abbreviation
General Physical Geography		09-PG1-102-m01
Module coordinator		Module offered by
holder of the Chair of Physical Geography		Institute of Geography and Geology
ECTS	Method of grading	Only after succ. compl. of module(s)
15	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Introduction to "Physical Geography": basics of exogenous dynamics, endogenous dynamics and climatology.		
Intended learning outcomes		
Students dispose over the following skills: 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. They are decisive for the understanding of the structure, function and dynamics of the natural space and its anthropogenic transformation (i.e. the environment, which has been shaped from humans by land using, settlements, transport routes etc.).		
Courses (type, number of weekly contact hours, language — if other than German)		
This module comprises 3 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none"> • 09-PG1-2-082: V + T (no information on SWS (weekly contact hours) and course language available) • 09-PG1-3-082: V + T (no information on SWS (weekly contact hours) and course language available) • 09-PG1-1-102: V + 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)		
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-PG1-2-082: General Physical Geography 2 (Earth System: Climate System) General Physical Geography 2 (Earth System: Climate System) <ul style="list-style-type: none"> • 5 ECTS, Method of grading: numerical grade • written examination (approx. 45 minutes) 		
Assessment in module component 09-PG1-3-082: General Physical Geography 3 (Earth System: Endogenic Dynamics) General Physical Geography 3 (Earth System: Endogenic Dynamics) <ul style="list-style-type: none"> • 5 ECTS, Method of grading: numerical grade • written examination (approx. 45 minutes) 		
Assessment in module component 09-PG1-1-102: General Physical Geography 1 (Earth System: Exogeneous Dynamics - Geomorphology) General Physical Geography 1 (Earth System: Exogeneous Dynamics - Geomorphology) <ul style="list-style-type: none"> • 5 ECTS, Method of grading: numerical grade • written examination (approx. 45 minutes) 		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 47 (1) 1. Geographie Physiogeographie

§ 66 (1) 1. Geographie Physiogeographie

Module appears in

Bachelor' degree (1 major) Geography (2010)

Bachelor's degree (1 major, 1 minor) Geography (Focus Physical Geography) (2010)

Bachelor's degree (2 majors) Geography (2010)

General Human Geography

(15 ECTS credits)

Module title			Abbreviation
General Human Geography			09-HG1-082-m01
Module coordinator		Module offered by	
holder of the Chair of Economic Geography		Institute of Geography and Geology	
ECTS	Method of grading	Only after succ. compl. of module(s)	
15	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	undergraduate	--	
Contents			
Introduction to basic ideas and particular sub-areas of "Human Geography".			
Intended learning outcomes			
Students possess the following skills: basics and definitions to Human Geography, research institutions and technical conception to Human Geography. This includes Urban Geography, Geography of Rural Settlements, Economic Geography, Social Georgaphy, Population Geography and Civilisation Geographical Research.			
Courses (type, number of weekly contact hours, language — if other than German)			
This module comprises 3 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none">09-HG1-1-082: V + T (no information on SWS (weekly contact hours) and course language available)09-HG1-2-082: V + T (no information on SWS (weekly contact hours) and course language available)09-HG1-3-082: V + 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)			
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-HG1-1-082: Introduction to the Geography of Cities, Towns and Villages Introduction to the Geography of Cities, Towns and Villages <ul style="list-style-type: none">5 ECTS, Method of grading: numerical gradewritten examination (approx. 45 minutes)			
Assessment in module component 09-HG1-2-082: Introduction to Economic Geography Introduction to Economic Geography <ul style="list-style-type: none">5 ECTS, Method of grading: numerical gradewritten examination (approx. 45 minutes)			
Assessment in module component 09-HG1-3-082: Introduction to Social and Population Geography Introduction to Social and Population Geography <ul style="list-style-type: none">5 ECTS, Method of grading: numerical gradewritten examination (approx. 45 minutes)			
Allocation of places			
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Additional information			
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Workload			
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Teaching cycle			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
§ 47 (1) 1. Geographie Humangeographie			
Bachelor's degree programme with 2 majors Geogra- phy (2010)		JMU Würzburg • generated 26-Aug-2024 • exam. reg. data record Bachelor (85 ECTS) Geographie - 2010	page 11 / 46

§ 66 (1) 1. Geographie Humangeographie

Module appears in

Bachelor' degree (1 major) Geography (2008)
 Bachelor' degree (1 major) Geography (2010)
 Bachelor' degree (1 major) Mathematics (2008)
 Bachelor's degree (1 major, 1 minor) Geography (Minor, 2008)
 Bachelor's degree (1 major, 1 minor) Geography (Focus Human Geography) (2010)
 Bachelor's degree (2 majors) Geography (2010)

Cartography

(5 ECTS credits)

Module title		Abbreviation
Cartography 1		09-KART1-102-m01
Module coordinator		Module offered by
holder of the Professorship of Cultural Geography		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		
Introduction to "Cartography" and to the "Collection and Processing of Geodata".		
Intended learning outcomes		
Students possess the following skills: Basics of cartography and use of geodata.		
Courses (type, number of weekly contact hours, language — if other than German)		
V + 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)		
written examination (approx. 75 minutes) and practice work (approx. 30 hours for creating approx. 3 maps or diagrams); weighted 1:1		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
§ 66 (1) 2. Geographie Methoden der Geographie		
Module appears in		
Bachelor' degree (1 major) Mathematics (2012) Bachelor' degree (1 major) Mathematics (2013) Master's degree (1 major) General and Applied Linguistics (2012) Bachelor's degree (1 major, 1 minor) Geography (Minor, 2012) Bachelor's degree (1 major, 1 minor) Pre- and Protohistoric Archaeology (2012) Bachelor's degree (2 majors) Pre- and Protohistoric Archaeology (2012) Bachelor's degree (2 majors) Geography (2010)		

Special Problems of Physical Geography and Human Geography

(10 ECTS credits)

Module title		Abbreviation
Special Problems of Physical Geography 2		09-PG2T2-102-m01
Module coordinator		Module offered by
holder of the Chair of Physical Geography		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		
This module covers synthesis and networking of physical-geographical factors in the light of different methodical approaches and particularly on the basis of the human impact: geomorphology, climate, soil, hydro geography, global change and past global change incl. geo and ecosystem research and ecosystem prediction as well as the cycle of materials on Earth's surface.		
Intended learning outcomes		
Students are acquainted with the synthesis and interconnectedness of skills that have already been acquired concerning the processes on Earth's surface, which are dominating the landscape on Earth's surface and are driven by the geological factors rock, relief, climate, soil, water, flora and fauna. These processes determine 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.). Through the quantitative acquisition of current process structures, Physical Geography is not only able to derive predications for the capability and capacity of geological systems, but also to predict changes in future by analysing the development and change of geographical territories in the past. These important planning decision-making bases concerning the management as well as the sustainable use and development, are given weight to the task of Physical Geography in the practical area.		
Courses (type, number of weekly contact hours, language — if other than German)		
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)		
presentation (approx. 30 minutes) with written elaboration (approx. 20 pages), weighted 1:1		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor' degree (1 major) Mathematics (2012) Bachelor' degree (1 major) Mathematics (2013) Bachelor's degree (1 major, 1 minor) Geography (Minor, 2012) Bachelor's degree (1 major, 1 minor) Geography (Focus Physical Geography) (2010) Bachelor's degree (1 major, 1 minor) Geography (Focus Human Geography) (2010) Bachelor's degree (2 majors) Geography (2010)		

Module title		Abbreviation
Special Issues of Human Geography 2		09-HG2T2-102-m01
Module coordinator		Module offered by
holder of the Professorship of Social Geography		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		
This module deals with and consolidates chosen issues of "Theoretical and Applied Human Geography" from a sub-area of "Human Geography".		
Intended learning outcomes		
Students are familiar with technical theories and have solid knowledge of a sub-area of Human Geography and their application-oriented implementation. They are acquainted with the production of seminar papers on the basis of independent literature work as well as presentation of the seminar papers in a freely hold presentation.		
Courses (type, number of weekly contact hours, language — if other than German)		
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)		
presentation (approx. 30 minutes) with written elaboration (approx. 20 pages), weighted 1:1		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor' degree (1 major) Mathematics (2012) Bachelor' degree (1 major) Mathematics (2013) Bachelor's degree (1 major, 1 minor) Geography (Minor, 2012) Bachelor's degree (1 major, 1 minor) Geography (Focus Physical Geography) (2010) Bachelor's degree (1 major, 1 minor) Geography (Focus Human Geography) (2010) Bachelor's degree (2 majors) Geography (2010)		

Regional Geography

(5 ECTS credits)

Module title		Abbreviation
Regional Geography 1 - Part 2		09-RG1T2-102-m01
Module coordinator		Module offered by
holder of the Chair of Physical Geography		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 module covers issues of "General 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 possess the following skills: tudents will apply general-geographical skills to regional-related issues, particularly partial steps: 1.Differentiation and characterisation of a region, 2.Working out of specific issues 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)		
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)		
presentation (approx. 30 minutes) with written elaboration (approx. 20 pages), weighted 1:1		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor's degree (1 major, 1 minor) Geography (Minor, 2012) Bachelor's degree (1 major, 1 minor) Geography (Focus Physical Geography) (2010) Bachelor's degree (1 major, 1 minor) Geography (Focus Human Geography) (2010) Bachelor's degree (2 majors) Geography (2010)		

Basic Working Methods of Geography

(10 ECTS credits)

Module title		Abbreviation
Data Acquisition and Processing in Physical Geography		09-MT1-102-m01
Module coordinator		Module offered by
holder of the Chair of Physical Geography		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		
Consolidation of methodical knowledge concerning the collection and processing of data sets, which will be ad- duced in "Physical Geography" as a typical example in order to understand the natural environment; Advanced students can attend alternative seminars, in which applications from the areas ground climatology, climate mo- delling, geophysical methods, soil science of fields, remote sensing and GIS (geographic information system) will be offered optionally.		
Intended learning outcomes		
Students have advanced knowledge of the area basic principles, methodology, cartography and EDP (if necessa- ry statistics, too), which are gained by means of a precise task. Thus, each form of data collection in the field or the modelling at the computer with different stages of data processing in the lab or at the computer will be lin- ked together in order to teach the practical dealing with geophysical measurement methods as well as the dea- ling with different software applications.		
Courses (type, number of weekly contact hours, language — if other than German)		
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)		
presentation (approx. 15 minutes) with written elaboration (15 pages), weighted 1:1		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor' degree (1 major) Geography (2010) Bachelor' degree (1 major) Mathematics (2012) Bachelor' degree (1 major) Mathematics (2013) Bachelor's degree (1 major, 1 minor) Geography (Minor, 2012) Bachelor's degree (1 major, 1 minor) Geography (Focus Physical Geography) (2010) Bachelor's degree (2 majors) Geography (2010)		

Module title		Abbreviation
Theories and Methodology in Human Geography		09-MT2-082-m01
Module coordinator		Module offered by
holder of the Professorship of Cultural Geography		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		
This course will introduce students to general theory of science and geographical specific theory, discussion of different perspectives of research and methodologies, basics of empirical study in analytical and prescriptive sciences.		
Intended learning outcomes		
Students possess knowledge of theoretical and methodological basics. Students are acquainted with empirical research methods as well as models and modelling to Human Geography.		
Courses (type, number of weekly contact hours, language — if other than German)		
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)		
written examination (45 minutes) and presentation (approx. 20 minutes), weighted 1:1		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
§ 66 (1) 2. Geographie Methoden der Geographie		
Module appears in		
Bachelor' degree (1 major) Geography (2008) Bachelor' degree (1 major) Geography (2010) Bachelor' degree (1 major) Mathematics (2008) Bachelor' degree (1 major) Mathematics (2012) Bachelor' degree (1 major) Mathematics (2013) Bachelor's degree (1 major, 1 minor) Geography (Minor, 2012) Bachelor's degree (1 major, 1 minor) Geography (Focus Human Geography) (2010) Bachelor's degree (2 majors) Geography (2010)		

Compulsory Electives

(15 ECTS credits)

Special Problems of Physical Geography and Human Geography (ECTS credits)

Module title		Abbreviation
Special Problems of Physical Geography 1		09-PG2T1-102-m01
Module coordinator		Module offered by
holder of the Chair of Physical Geography		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		
This module covers synthesis and networking of physical-geographical factors in the light of different methodical approaches and particularly on the basis of the human impact: geomorphology, climate, soil, hydro geography, global change and past global change incl. geo and ecosystem research and ecosystem prediction as well as the cycle of materials on Earth's surface.		
Intended learning outcomes		
Students are acquainted with the synthesis and interconnectedness of skills that have already been acquired concerning the processes on Earth's surface, which are dominating the landscape on Earth's surface and are driven by the geological factors rock, relief, climate, soil, water, flora and fauna. These processes determine 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.). Through the quantitative acquisition of current process structures, Physical Geography is not only able to derive predications for the capability and capacity of geological systems, but also to predict changes in future by analysing the development and change of geographical territories in the past. These important planning decision-making bases concerning the management as well as the sustainable use and development, are given weight to the task of Physical Geography in the practical area.		
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. 45 minutes)		
Allocation of places		
--		
Additional information		
--		
Workload		
--		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Bachelor' degree (1 major) Mathematics (2012) Bachelor' degree (1 major) Mathematics (2013) Bachelor's degree (1 major, 1 minor) Geography (Minor, 2012) Bachelor's degree (1 major, 1 minor) Geography (Focus Physical Geography) (2010) Bachelor's degree (1 major, 1 minor) Geography (Focus Human Geography) (2010) Bachelor's degree (2 majors) Geography (2010)		

Module title		Abbreviation
Special Issues of Human Geography 1		09-HG2T1-102-m01
Module coordinator		Module offered by
holder of the Professorship of Social Geography		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		
This module deals with and consolidates chosen issues of "Theoretical and Applied Human Geography" from a sub-area of "Human Geography".		
Intended learning outcomes		
Students are familiar with technical theories and have solid knowledge of a sub-area of Human Geography and their application-oriented implementation. They are acquainted with the production of seminar papers on the basis of independent literature work as well as presentation of the seminar papers in a freely hold presentation.		
Courses (type, number of weekly contact hours, language — if other than German)		
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)		
presentation (approx. 30 minutes) with written elaboration (approx. 20 pages), weighted 1:1		
Allocation of places		
--		
Additional information		
--		
Workload		
--		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Bachelor' degree (1 major) Mathematics (2012) Bachelor' degree (1 major) Mathematics (2013) Bachelor's degree (1 major, 1 minor) Geography (Minor, 2012) Bachelor's degree (1 major, 1 minor) Geography (Focus Physical Geography) (2010) Bachelor's degree (1 major, 1 minor) Geography (Focus Human Geography) (2010) Bachelor's degree (2 majors) Geography (2010)		

Regional Geography

(ECTS credits)

Module title		Abbreviation
Regional Geography 1 - Part 1		09-RG1T1-102-m01
Module coordinator		Module offered by
holder of the Chair of Physical Geography		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 module covers issues of "General 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 possess the following skills: Students will apply general-geographical skills to regional-related issues, particularly partial steps: 1.Differentiation and characterisation of a region, 2.Working out of specific issues 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 (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)		
a) written examination (approx. 45 minutes) or b) oral examination of one candidate each (approx. 15 minutes) or c) oral examination in groups (groups of 3, 45 minutes)		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor's degree (1 major, 1 minor) Geography (Minor, 2012) Bachelor's degree (1 major, 1 minor) Geography (Focus Physical Geography) (2010) Bachelor's degree (1 major, 1 minor) Geography (Focus Human Geography) (2010) Bachelor's degree (2 majors) Geography (2010)		

Statistics and Cartography

(ECTS credits)

Module title		Abbreviation
Statistics 1		09-STAT1-102-m01
Module coordinator		Module offered by
holder of the Chair of Physical Geography		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		
Introduction to "Statistical Working Methods to Geography": basics of univariate statistics.		
Intended learning outcomes		
Students achieve methodical and practical skills in terms of statistical methods and data analysis.		
Courses (type, number of weekly contact hours, language — if other than German)		
V + 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)		
written examination (approx. 60 minutes)		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor' degree (1 major) Political and Social Studies (2011) Bachelor's degree (1 major, 1 minor) Geography (Minor, 2012) Bachelor's degree (1 major, 1 minor) Political and Social Studies (2013) Bachelor's degree (2 majors) Political and Social Studies (2011) Bachelor's degree (2 majors) Geography (2010)		

Module title		Abbreviation
Statistics 2		09-STAT2-102-m01
Module coordinator		Module offered by
holder of the Chair of Physical Geography		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		
Introduction to "Statistical Working Methods to Geography": basics of multivariate statistics.		
Intended learning outcomes		
Students have advanced knowledge of basic statistical processes of data analysis and thus, are familiar with the basics of the methodological and practical area. Moreover, initial experiences in the computerised data analysis will be gathered.		
Courses (type, number of weekly contact hours, language — if other than German)		
V + 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)		
written examination (approx. 60 minutes)		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor's degree (1 major, 1 minor) Geography (Focus Physical Geography) (2010) Bachelor's degree (1 major, 1 minor) Geography (Focus Human Geography) (2010) Bachelor's degree (2 majors) Geography (2010)		

Module title		Abbreviation
Geographical Information Systems (GIS)		09-KART2-102-m01
Module coordinator		Module offered by
holder of the Chair of Physical Geography		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		
Introduction to "GIS".		
Intended learning outcomes		
Students possess the following skills: Students acquire the ability to deal with geo data and GIS.		
Courses (type, number of weekly contact hours, language — if other than German)		
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)		
practice work (approx. 5 pieces of practice work to be completed in approx. 30 hours)		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor's degree (1 major, 1 minor) Geography (Focus Physical Geography) (2010) Bachelor's degree (1 major, 1 minor) Geography (Focus Human Geography) (2010) Bachelor's degree (2 majors) Geography (2010)		

Quantitative and Qualitative Regional Analysis

(ECTS credits)

Module title		Abbreviation
Quantitative and Qualitative Regional Analysis		09-MT4-102-m01
Module coordinator		Module offered by
holder of the Professorship of Social Geography		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	undergraduate	--
Contents		
This module includes processes of quantitative regional research, multivariate statistical processes, processes of geographical modelling and simulation. Processes of qualitative social and regional research. Presentation and discussion of methods, criticism of methods. Application of methods based on typical examples.		
Intended learning outcomes		
Students possess the following skills: The students' process-related skills will be applied to regional and analytical methods as well as the skills concerning the assessment and evaluation of the processes application and efficiency.		
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. <ul style="list-style-type: none"> 09-MT4-1-102: S (no information on SWS (weekly contact hours) and course language available) 09-MT4-2-102: 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-MT4-1-102: Quantitative Regional Analysis <ul style="list-style-type: none"> 5 ECTS, Method of grading: numerical grade presentation (approx. 30 minutes) with written elaboration (approx. 20 pages), weighted 1:1 Assessment in module component 09-MT4-2-102: Qualitative Regional Analysis <ul style="list-style-type: none"> 5 ECTS, Method of grading: numerical grade a) presentation (approx. 30 minutes) with written elaboration (approx. 20 pages), weighted 1:1 or b) 2 short presentations (10 minutes each) and one portfolio (including approx. 5 logs of practical exercises as well as approx. 3 exercises), weighted 1:1:2 		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
§ 66 (1) 2. Geographie Methoden der Geographie		
Module appears in		
Bachelor' degree (1 major) Geography (2010)		
Bachelor's degree programme with 2 majors Geography (2010)	JMU Würzburg • generated 26-Aug-2024 • exam. reg. data record Bachelor (85 ECTS) Geographie - 2010	page 34 / 46

Bachelor' degree (1 major) Mathematics (2012)
 Bachelor' degree (1 major) Mathematics (2013)
 Bachelor's degree (1 major, 1 minor) Geography (Minor, 2012)
 Bachelor's degree (1 major, 1 minor) Geography (Focus Human Geography) (2010)
 Bachelor's degree (2 majors) Geography (2010)

Working methods: Solid Earth System

(ECTS credits)

Module title		Abbreviation
Working Methods: Solid Earth System		09-MT3-082-m01
Module coordinator		Module offered by
holder of the Chair of Geodynamics and Geomaterials Research		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	undergraduate	--
Contents		
<p>Basic observations on geological materials that can already be made in the field and which can lead to a first interpretation of geological processes, which took place, as well as the creation of value of geomaterials. Students will be provided with distinctive features and characteristics of the most important rock-forming and economically relevant minerals by means of chosen visuals. Subsequently, the classification of the most important sedimentary, igneous and metamorphic rock types will be elucidated and practised on the basis of their in the hand-piece identifiable mineral existence and structure. In the following modular section, the understanding of two-dimensional display of three-dimensional display of geological phenomena like the geographical distribution of different rock types or tectonic structures will be developed in form of geological maps and sections as well as simple structural-geological diagrams.</p>		
Intended learning outcomes		
<p>Students are able to identify the most important mineral types and as far as possible, to outline and interpret the rock samples without analytical tools. Moreover, they are able to interpret geological maps correctly and to show geological field observations in map form, profiles and suitable diagrams.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>This module comprises 2 module components. Information on courses will be listed separately for each module component.</p> <ul style="list-style-type: none"> • 09-MT3-1-082: S (no information on SWS (weekly contact hours) and course language available) • 09-MT3-2-082: 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)		
<p>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.</p> <p>Assessment in module component 09-MT3-1-082: Mineral and Rock Identification</p> <ul style="list-style-type: none"> • 5 ECTS, Method of grading: numerical grade • written or oral examination of one candidate each (30 minutes each) <p>Assessment in module component 09-MT3-2-082: Geological Maps and Structures</p> <ul style="list-style-type: none"> • 5 ECTS, Method of grading: numerical grade • written or oral examination of one candidate each (approx. 30 minutes each) or term paper (approx. 20 pages) 		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle
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Referred to in LPO I (examination regulations for teaching-degree programmes)
§ 66 (1) 2. Geographie Methoden der Geographie
Module appears in
<p>Bachelor' degree (1 major) Geography (2008)</p> <p>Bachelor' degree (1 major) Geography (2010)</p> <p>Bachelor' degree (1 major) Mathematics (2008)</p> <p>Bachelor' degree (1 major) Mathematics (2012)</p> <p>Bachelor' degree (1 major) Mathematics (2013)</p> <p>Bachelor's degree (1 major, 1 minor) Geography (Minor, 2012)</p> <p>Bachelor's degree (1 major, 1 minor) Geography (Focus Physical Geography) (2010)</p> <p>Bachelor's degree (2 majors) Geography (2010)</p>

Remote Sensing

(ECTS credits)

Module title		Abbreviation
Remote Sensing 1		09-FERN1-102-m01
Module coordinator		Module offered by
holder of the Chair of Remote Sensing		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		
Introduction to "Geographical Remote Sensing".		
Intended learning outcomes		
Students possess the following skills: Theoretical basics of the Remote Sensing System, Remote Sensing against the background of different sensor and platform specifications.		
Courses (type, number of weekly contact hours, language — if other than German)		
V + 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)		
written examination (approx. 45 minutes)		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
§ 66 (1) 2. Geographie Methoden der Geographie		
Module appears in		
Bachelor' degree (1 major) Computer Science (2014) Bachelor' degree (1 major) Mathematics (2014) Bachelor' degree (1 major) Mathematics (2012) Bachelor' degree (1 major) Mathematics (2013) Bachelor's degree (1 major, 1 minor) Geography (Minor, 2012) Bachelor's degree (1 major, 1 minor) Geography (Focus Physical Geography) (2010) Bachelor's degree (1 major, 1 minor) Geography (Focus Human Geography) (2010) Bachelor's degree (2 majors) Geography (2010)		

Module title		Abbreviation
Remote Sensing 2		09-FERN2-102-m01
Module coordinator		Module offered by
holder of the Chair of Remote Sensing		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		
Application of Remote Sensing to Geography.		
Intended learning outcomes		
Students have skills of current geographical fields of application concerning the cross-sectional methodology, consolidation of application possibilities of different sensor and platform specifications.		
Courses (type, number of weekly contact hours, language — if other than German)		
V + 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)		
written examination (approx. 45 minutes)		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor' degree (1 major) Computer Science (2014) Bachelor' degree (1 major) Mathematics (2014) Bachelor' degree (1 major) Mathematics (2012) Bachelor' degree (1 major) Mathematics (2013) Bachelor's degree (1 major, 1 minor) Geography (Minor, 2012) Bachelor's degree (1 major, 1 minor) Geography (Focus Physical Geography) (2010) Bachelor's degree (1 major, 1 minor) Geography (Focus Human Geography) (2010) Bachelor's degree (2 majors) Geography (2010)		

Thesis

(10 ECTS credits)

Students may also choose to write their theses in their second majors or to write an interdisciplinary thesis.

Module title		Abbreviation
Bachelor Thesis Geography		09-AA-Geo-102-m01
Module coordinator		Module offered by
Managing Director of the Institute of Geography and Geology		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	undergraduate	--
Contents		
Adhering to the principles of good scholarly practice, students will independently process a scientific issue and draw up a bachelor's thesis.		
Intended learning outcomes		
<p>Students have the following knowledge:</p> <ul style="list-style-type: none"> - Ability to produce a scientific work independently (description and analysis of a problem, literary research, theory reference, interpretation of data, logical conclusion and solution approaches of a scientific issue). - linguistic competence. - Ability to master tasks within a given period of time. 		
Courses (type, number of weekly contact hours, language — if other than German)		
no courses assigned		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>written elaboration (approx. 40 pages)</p> <p>Language of assessment: German, English</p>		
Allocation of places		
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Additional information		
Additional information on module duration: 8 weeks.		
Workload		
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Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
<p>Bachelor' degree (1 major) Geography (2010)</p> <p>Bachelor's degree (1 major, 1 minor) Geography (Focus Physical Geography) (2010)</p> <p>Bachelor's degree (1 major, 1 minor) Geography (Focus Human Geography) (2010)</p> <p>Bachelor's degree (2 majors) Geography (2010)</p>		

Subject-specific Key Skills

(5 ECTS credits)

Module title		Abbreviation
Chairing and Presenting		09-SQL1-102-m01
Module coordinator		Module offered by
holder of the Professorship of Cultural Geography		Institute of Geography and Geology
ECTS	Method of grading	Only after succ. compl. of module(s)
5	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Students will acquire general key skills for their studies. Introduction to "Research Methods" and the "Research Process".		
Intended learning outcomes		
Students dispose over the following skills: Basics of presentation, dealing with methods of the scientific work, application of adequate working techniques.		
Courses (type, number of weekly contact hours, language — if other than German)		
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)		
presentation/moderation (approx. 30 minutes) as well as (small pieces of) project work (approx. 30 hours), weighted 1:1		
Allocation of places		
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Additional information		
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Workload		
--		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Bachelor' degree (1 major) Geography (2010) Bachelor's degree (1 major, 1 minor) Geography (Focus Physical Geography) (2010) Bachelor's degree (1 major, 1 minor) Geography (Focus Human Geography) (2010) Bachelor's degree (2 majors) Geography (2010)		

Module title		Abbreviation
Job-related Practical Experience		09-PRAK1-102-m01
Module coordinator		Module offered by
holder of the Chair of Physical Geography		Institute of Geography and Geology
ECTS	Method of grading	Only after succ. compl. of module(s)
5	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
The work placement has to be completed in two module-relevant offices or companies, which fit the professional career the student is looking for or must be completed by field work for eight weeks outside of Europe. The work placement should comprise tasks that provides the trainee with a comprehensive and adequate insight into the vocational world.		
Intended learning outcomes		
Students will get first insights into the job opportunities of a geographer by doing a four week work placement with one employer. Thus, students will have the opportunity to establish contacts and to get in touch with different vocational practices.		
Courses (type, number of weekly contact hours, language — if other than German)		
P (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)		
placement report / fieldwork report / report on practical training / report on practical course / project report / report on technical course (approx. 10 pages)		
Allocation of places		
--		
Additional information		
--		
Workload		
--		
Teaching cycle		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Bachelor's degree (2 majors) Geography (2010)		