Julius-Maximilians-
UNIVERSITÄT
WÜRZBURG

Module Catalogue

for the Subject

Geography

as vertieft studiertes Fach (studied with a focus on the scientific discipline)

with the degree "Erste Staatsprüfung für das Lehramt an Gymnasien"

Examination regulations version: 2009
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
Scientific Discipline	92	5
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Compulsory Electives Teaching	5	32
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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:

LASPO2009

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

21-Jun-2012 (2012-93)

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.

Scientific Discipline

(92 ECTS credits)

Compulsory Courses

(92 ECTS credits)

Module title			Abbreviation
Level One Module General Physical Geography			09-GeoLA-AM-PG1-102-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)**	
5	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	--	

Contents

Introduction to "Physical Geography": basics of endogenous dynamics.

Intended learning outcomes

Students have the following knowledge: Basics concerning the system Earth, especially formation/structure of the Earth; Features of important rock forming, ecologically important minerals, volcanism, plutonism, metamorphosis; geological structures, ocean floor, plate tectonics, earthquakes, orogenesis.

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

§ 47 (1) 1. Geographie Physiogeographie
§ 66 (1) 1. Geographie Physiogeographie

Module title			Abbreviation
Level One Module General Physical Geography 2 (LGy, LR)			09-GeoGyR-AM-PG2-092-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 "Physical Geography": basics of climatology.

Intended learning outcomes

Students achieve the following skills: Basics of the system Earth, i.e.about the climate system: Mechanical Earth and celestial basics, radiation and energy, vertical and horizontal movement processes; data sources and appearance.

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

§ 47 (1) 1. Geographie Physiogeographie
§ 66 (1) 1. Geographie Physiogeographie

Module title			Abbreviation
Level One Module General Physical Geography 3 (LGy, LR)			09-GeoLA-AM-PG3-092-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 "Physical Geography": basics of exogenous dynamics.			
Intended learning outcomes			
Students have the following knowledge: Basics of the system Earth, means: Erosion and accumulation processes and accumulation results; monoprocessual large forms (e.g. endogenous/ tectonic like volcanoes, break clods, fold mountains etc.); polyprocessual large forms (e.g. glacial series, coastal forms, stages).			
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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Referred to in LPO I (examination regulations for teaching-degree programmes)			
§ 47 (1) 1. Geographie Physiogeographie § 66 (1) 1. Geographie Physiogeographie			

Module title			Abbreviation
Level One Module General Human Geography 1			09-GeoLA-AM-HG1-092-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)**	
5	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	--	

Contents

The module component introduces fundamental terms and individual sub-areas of "Human Geography": "Settlement Geography".

Intended learning outcomes

Students have the following knowledge: Basics and definitions of Human Geography, research institutions and technical conception of Human Geography: Geographical urban research, Geography or rural settlements, urban system research, urbanisation, regional city types, theories of urban development, city models, civilisation space research.

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

§ 47 (1) 1. Geographie Humangeographie
§ 66 (1) 1. Geographie Humangeographie

Module title			Abbreviation
Level One Module General Human Geography 2			09-GeoGyR-AM-HG2-092-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)**	
5	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	--	

Contents

Introduction to fundamental terms and individual sub-areas of "Human Geography": "Economic Geography".

Intended learning outcomes

Students achieve the following skills: Basics and definitions of Human Geography, research institutions and technical conceptions of Human Geography;: Approach of Economic Geography, economic sectors, spatial economic theories, location theories, development theories, Industry Geography, Geography of the tertiary sector.

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

§ 47 (1) 1. Geographie Humangeographie
§ 66 (1) 1. Geographie Humangeographie

Module title			Abbreviation
Level One Module General Human Geography 3			09-GeoLA-AM-HG3-092-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

Introduction to fundamental terms and individual sub-areas of "Human Geography": "Social and Population Geography".

Intended learning outcomes

Students have the following knowledge: Basics and definitions of Human Geography, research institutions and technical conception of Human Geography;: spatial population distribution, natural and spatial population movement, demographic forecast, geographical Study of societies; Vienna-Munich-School of Social Geography, social space analysis, perception, behaviour, operation.

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

§ 47 (1) 1. Geographie Humangeographie
§ 66 (1) 1. Geographie Humangeographie

Module title			Abbreviation
Level One Module Regional Geography (Lgy, LR)			09-GeoGyR-AM-RG-092-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)**	
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 in Europe or outside of Europe due to their lay (e.g. Northern Europe, Alpine countries or North America, US) or due to common features of distinctive states/regions (e.g. European Union or Arabian Peninsula and New Zealand).

Intended learning outcomes

Students achieve the following skills: Students will apply general-geographical skills to regional-related issues, particularly the partial steps:
1. Differentiation and characterisation of a region,
2. 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)

This module has 2 components; information on courses listed separately for each component.
- 09-GeoGyR-AM-RG-1-092: S (no information on language and number of weekly contact hours available)
- 09-GeoGyR-AM-RG-2-092: S (no information on language and number of weekly contact hours 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)

This module has the following 2 assessment components. To pass the module as a whole students must pass one of the two assessment components.

Assessment component to module component 09-GeoGyR-AM-RG-1-092: Regionale Geographie von Europa - Seminar (LGy, LR)
- 5 ECTS credits, method of grading: numerical grade
- presentation (approx. 30 minutes) with written elaboration (approx. 20 pages)

Assessment component to module component 09-GeoGyR-AM-RG-2-092: Regionale Geographie außerhalb Europas - Seminar (LGy, LR)
- 5 ECTS credits, method of grading: numerical grade
- presentation (approx. 30 minutes) with written elaboration (approx. 20 pages)

Allocation of places

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Additional information

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

§ 47 (1) 2. Geographie Regionale Geographie
§ 66 (1) 1. Geographie Regionale Geographie

Module title			Abbreviation
Level Three Module Regional Geography 1			09-GeoLA-VM-RG1-092-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)**	
5	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	--	

Contents

Lecture: Geographical issues in terms of Germany (especially with regard to Bavaria) as well as European subspaces. This can be individual states as well as distinctive European subspaces due to their lay (e.g. Northern Europe, Alpine countries) or due to common features of distinctive states/regions (e.g. European Union).

Intended learning outcomes

Students achieve the following skills: Consolidation of general-geographical knowledge on regional-related problems by becoming familiar with and the working in a specific European or non-European space; particularly the sub steps
1.Differentiation and characterisation of a region,
2.Emphasis on specific problems and spatial interactions and
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, approx. 45 minutes)

Allocation of places

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Additional information

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

§ 47 (1) 2. Geographie Regionale Geographie
§ 66 (1) 1. Geographie Regionale Geographie

Module title			Abbreviation
Level Three Module Regional Geography 2			09-GeoLA-VM-RG2-092-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)**	
5	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	--	

Contents

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

Intended learning outcomes

Students achieve the following skills: Consolidation of general-geographical knowledge on regional-related problems by becoming familiar with and the working in a specific European or non-European space; particularly the sub steps
1.Differentiation and characterisation of a region,
2.Emphasis on specific problems and spatial interactions and
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)

written examination (approx. 45 minutes)

Allocation of places

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Additional information

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

§ 47 (1) 2. Geographie Regionale Geographie
§ 66 (1) 1. Geographie Regionale Geographie

Module title			Abbreviation
Level One Module Working Methods (LGy)			09-GeoGy-AM-MT-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

Regarding the compulsory area: Introduction to "Cartography" and to the collection and processing of geodata. Core compulsive courses: a) quantitative or qualitative regional analysis or b) working methods system solid earth. Concerning a) Procedure of quantitative area studies, multivariate statistical processes, processes of regional modelling and simulation. Or: Processes of qualitative social and regional research. Presentation and discussion of methods, criticism of methods. Application of methods based on typical examples. Concerning b) 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 selected 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 handpiece identifiable mineral existence and structure. Or: 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.

Intended learning outcomes

Mandatory part: Basics of Cartography and use of geodata. Mandatory course: Quantitative and procedural skills will be applied to regional-analytical methods, skills of evaluation and assessment of the application and efficiency of processes. Students will be able to identify the most important mineral types in the handpiece and name and interpret rock samples, as far as it is possible without using additional analytical tools, correctly. or: They will possess the ability to interpret geological maps properly and to display geological field observations in maps, profiles and appropriate diagrams.

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

This module has 5 components; information on courses listed separately for each component.

- 09-KART-1-082: V + T (no information on language and number of weekly contact hours available)
- 09-MT3-1-082: S (no information on language and number of weekly contact hours available)
- 09-MT3-2-082: Ü (no information on language and number of weekly contact hours available)
- 09-MT2-1-082: S (no information on language and number of weekly contact hours available)
- 09-MT4-2-102: S (no information on language and number of weekly contact hours 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)

This module has the following 5 assessment components. To pass the module as a whole students must pass the first assessment component and one of the remaining four.

Assessment in module component 09-KART-1-082: Kartographie und Geodaten (Cartography and Geodata)

- 5 ECTS credits, numerical grading
- written examination (approx. 75 minutes) and practice work (approx. 30 hours for creating approx. 3 maps or diagrams); weighted 1:1

Assessment in module component 09-MT3-1-082: Mineral- und Gesteinsbestimmung (Mineral and Rock Identification)

- 5 ECTS credits, numerical grading
- written or oral examination of one candidate each (30 minutes each)

Assessment in module component 09-MT3-2-082: Geologische Karten und Strukturen (Geological Maps and Structures)
- 5 ECTS credits, numerical grading
- written or oral examination of one candidate each (approx. 30 minutes each) or term paper (approx. 20 pages)

Assessment in module component 09-MT2-1-082: Theorien, Methodologie, Modelle der Humangeographie (Theories, Methods and Modelling in Human Geography)
- 5 ECTS credits, numerical grading
- written examination (45 minutes) and presentation (approx. 20 minutes), weighted 1:1

Assessment in module component 09-MT4-2-102: Qualitative Regionalanalyse (Qualitative Regional Analysis)
- 5 ECTS credits, numerical grading
- 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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Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 66 (1) 2. Geographie Methoden der Geographie

Module title			Abbreviation
Level Three Module Working Methods (Lgy)			09-GeoGy-VM-MT-092-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", applications of "Remote Sensing" to Geography.			
Intended learning outcomes			
Students achieve 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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Referred to in LPO I (examination regulations for teaching-degree programmes)			
§ 66 (1) 2. Geographie Methoden der Geographie			

Module title			Abbreviation
Level Three Module Special Problems of Physical Geography (Lgy)			09-GeoGy-VM-SPG-092-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)**	
8	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)

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

- 09-GeoGy-VM-SPG-1-092: V (no information on SWS (weekly contact hours) and course language available)
- 09-GeoGy-VM-SPG-2-092: 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-GeoGy-VM-SPG-1-092: Special Problems of Physical Geography 1 (Earth System/Man and Environment)

- 4 ECTS, Method of grading: numerical grade
- written examination (approx. 30 minutes)

Assessment in module component 09-GeoGy-VM-SPG-2-092: Special Problems of Physical Geography 2 (Earth System/Man and Environment)

- 4 ECTS, Method of grading: numerical grade
- presentation (approx. 15 minutes) with written elaboration (approx. 12 pages)

Allocation of places

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Additional information

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Referred to in LPO I (examination regulations for teaching-degree programmes)
§ 47 (1) 1. Geographie Physiogeographie § 66 (1) 1. Geographie Physiogeographie

Module title			Abbreviation
Level Three Module Special Issues of Human Geography (LGY)			09-GeoGy-VM-SHG-092-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)**	
8	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	--	

Contents

This module covers and consolidates issues of "Theoretical and Applied Human Geography" of two different sub-areas of "Human Geography".

Intended learning outcomes

Students learn specialist theories and achieve solid skills in two sub-areas of Human Geography and the applied implementation. They are able to issue a seminar paper on the basis of independent literary work as well as to present the seminar papers in a presentation, which will be held freely.

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-GeoGy-VM-SHG-1-092: S (no information on SWS (weekly contact hours) and course language available)
- 09-GeoGy-VM-SHG-2-092: 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-GeoGy-VM-SHG-1-092: Special Issues of Human Geography 1 (LGY)

- 4 ECTS, Method of grading: numerical grade
- presentation (approx. 15 minutes) with written elaboration (approx. 12 pages)

Assessment in module component 09-GeoGy-VM-SHG-2-092: Special Issues of Human Geography 2 (LGY)

- 4 ECTS, Method of grading: numerical grade
- presentation (approx. 15 minutes) with written elaboration (approx. 12 pages)

Allocation of places

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Additional information

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

§ 47 (1) 1. Geographie Humangeographie
§ 66 (1) 1. Geographie Humangeographie

Module title			Abbreviation
Excursions 1			09-GeoLA-Ex1-092-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)**	
1	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	The excursion should be made into physical geography if an excursion into human geography was made in module 09-GeoLA-Ex2 and vice versa.	

Contents

Introduction to geographical issues ("Physical Geography" or "Human Geography") within an excursion day in the region Würzburg and environs.

Intended learning outcomes

Students get an insight into regional factors, modern structures and processes from a geological point of view and achieve skills of the information acquisition in the field.

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

E (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)

log (approx. 5 pages)

Allocation of places

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Additional information

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

§ 47 (1) 3. Geographie Exkursionen/Geländepraktika
§ 66 (1) 3. Geographie Exkursionen/Geländepraktika

Module title			Abbreviation
Excursions 2			09-GeoLA-Ex2-092-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)**	
1	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	The excursion should be made into physical geography if an excursion into human geography was made in module 09-GeoLA-Ex1 and vice versa.	

Contents

Practice-related introduction to geographical issues ("Physical Geography" or "Human Geography") within an field trip day in the region Würzburg and environs.

Intended learning outcomes

Students get an insight into regional factors, modern structures and processes from a geological point of view and achieve skills of the information acquisition in the field.

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

E (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)

log (approx. 5 pages)

Allocation of places

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Additional information

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

§ 47 (1) 3. Geographie Exkursionen/Geländepraktika
§ 66 (1) 3. Geographie Exkursionen/Geländepraktika

Module title			Abbreviation
Excursions 3 (LR, LG, LH)			09-GeoGy-Ex3-092-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)**	
3	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	--	
Contents			
Practice-related consolidation of geographical issues and contents within an field trip/excursion days (around 20 to 30 h) outside of the region Würzburg.			
Intended learning outcomes			
Students are able to deal with geographical problems in a regional context and to find a solution.			
Courses (type, number of weekly contact hours, language — if other than German)			
E (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)			
report (approx. 12 pages)			
Allocation of places			
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Additional information			
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Referred to in LPO I (examination regulations for teaching-degree programmes)			
§ 66 (1) 3. Geographie Exkursionen/Geländepraktika			

Module title			Abbreviation
Excursions 4			09-GeoGy-Ex4-092-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)**	
2	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	--	

Contents

Students will consolidate geographical contents with the help of an excursion day in the region Würzburg and environs or neighbouring regions.

Intended learning outcomes

During a field trip, students are able to use their geographical basic knowledge, which they have hitherto acquired, practically .

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

E (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)

report (approx. 6 to 8 pages)

Allocation of places

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Additional information

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

§ 66 (1) 3. Geographie Exkursionen/Geländepraktika

Module title			Abbreviation
Excursions 5			09-GeoGy-Ex5-092-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)**	
3	(not) successfully completed	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	--	

Contents

Practice-related consolidation of geographical issues and contents within an field trip/excursion days (around 20 to 30 h) outside of the region Würzburg.

Intended learning outcomes

During a field trip, students are able to use their geographical basic knowledge, which they have hitherto acquired, solution-orientated and practically .

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

E (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)

report (approx. 12 pages)

Allocation of places

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Additional information

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

§ 66 (1) 3. Geographie Exkursionen/Geländepraktika

Module title			Abbreviation
Long Excursion (Regional Geography)			09-GeoLA-ExLk-092-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)**	
6	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	undergraduate	--	

Contents

Field trips 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 achieve the skills: Consolidation of general-geographical knowledge on regional-related problems by becoming familiar with and the working in a specific European or non-European space; particularly the sub steps
1.Differentiation and characterisation of a region,
2.Emphasis on specific problems and spatial interactions and
3.Synthesis and demonstration of perspectives/problem solutions with thematic emphasis.

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

This module has 2 components; information on courses listed separately for each component.
- 09-GeoLA-ExLk-1-092: E (no information on language and number of weekly contact hours available)
- 09-GeoLA-ExLk-2-092: E (no information on language and number of weekly contact hours 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)

This module has the following 2 assessment components. To pass the module as a whole students must pass one of the two assessment components.

Assessment component to module component 09-GeoLA-ExLk-1-092: Große länderkundliche Exkursion - Europa
- 6 ECTS credits, method of grading: numerical grade
- report (approx. 20 pages)

Assessment component to module component 09-GeoLA-ExLk-2-092: Große länderkundliche Exkursion - außerhalb Europas
- 6 ECTS credits, method of grading: numerical grade
- report (approx. 20 pages)

Allocation of places

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Additional information

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

§ 47 (1) 3. Geographie Exkursionen/Geländepraktika
§ 66 (1) 3. Geographie große Exkursion

Teaching

(10 ECTS credits)

Compulsory Courses Teaching

(5 ECTS credits)

Module title			Abbreviation
Level One Module Didactics of Geography			09-GeoLA-BM-Did-092-m01
Module coordinator		**Module offered by**	
Subject Representative (Fachvertreter) Geography Didactics		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 "Geography Education": theory related fundamental principles, practice-related and target-oriented preparation of geoscientific contents for the geography class. Disciplinary and educational contents and factors of the geography class. (Geography) Teaching basics of geography class in primary school, psychological and educational aspects of geography class. Geography class as target-oriented choice and structuring of geographical/geoscientific and disciplinary comprehensive contents and methods. Development and structure of geographical curricula of individual type of schools taking particularly account of the primary school. Objectives of geography class (including taxonomy and degree of abstraction of (learning) objectives.

Intended learning outcomes

Students will be able to provide pupils with geographical-technical learning and skills of educational research issues, methods and results as well as taking into account the knowledge of technical discipline and educational studies. Students will also be able to diagnose, evaluate and encourage the learning process. Students will have the ability to theory driven and educational reflection. Students will be able to analyse and evaluate current technical and educational knowledge, taking into account the social and pedagogical objectives

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.

- 09-GeoLA-BM-Did-1-092: V + T (no information on SWS (weekly contact hours) and course language available)
- 09-GeoLA-BM-Did-2-092: S (no information on SWS (weekly contact hours) and course language available)
- 09-GeoLA-BM-Did-3-092: 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-GeoLA-BM-Did-1-092: Introduction to Didactics of Geography Introduction to Didactics of Geography

- 2 ECTS, Method of grading: numerical grade
- a) written examination (approx. 30 minutes) or b) oral examination of one candidate each (approx. 10 minutes) or c) oral examination in groups (groups of 3, approx. 30 minutes)

Assessment in module component 09-GeoLA-BM-Did-2-092: Planning and Structuring Geography Lessons

- 2 ECTS, Method of grading: numerical grade
- a) written examination (approx. 30 minutes) or b) oral examination of one candidate each (approx. 10 minutes) or c) oral examination in groups (groups of 3, approx. 30 minutes) or d) presentation (approx. 20 minutes) with written elaboration (approx. 10 pages)

Assessment in module component 09-GeoLA-BM-Did-3-092: Locations of learning outside of school

- 1 ECTS, Method of grading: (not) successfully completed
- oral presentation (approx. 10 minutes)

Allocation of places
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Additional information
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Referred to in LPO I (examination regulations for teaching-degree programmes)
§ 47 (1) 4. Geographie: Fachdidaktik § 66 (1) 4. Geographie Didaktik

Compulsory Electives Teaching

(5 ECTS credits)

Module title			Abbreviation
Level Three Module Didactics of Geography			09-GeoLA-PM-Did-092-m01
Module coordinator		**Module offered by**	
Subject Representative (Fachvertreter) Geography Didactics		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

Education for sustainable development connects the aspects of environmental assessment and socio-economic development in terms of society. During "global learning", problems of the development will be thematised among physical-geographical as well as anthropogenic aspects in respect of intercultural competence. Chosen territories among subject-specific ambition in reality will be ascertained and analysed during the module component "Field Trip Didactics".

Intended learning outcomes

Students will be able to conceive the antithesis of environmental preservation and socio-economic development and consider future-oriented solutions of sustainability as well as they will apply models of sustainability to processes of spatial development. They develop the ability to analyse human-environment relationships in regions of different type and size considering the aspect of sustainability. When conceiving different world views and points of view, they will also be able to change their perspective interculturally. They will be able to ethical and justified regional behaviour competence. On a field trip, students will be able to develop a region by using technical working methods and to process a construct for pupils. Social skills: Ability to work in a team, communication and discussion strategies, intercultural competence, particularly the ability to empathy, willingness to accept different values.

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.

- 09-GeoLA-PM-Did-1-092: V + S (no information on SWS (weekly contact hours) and course language available)
- 09-GeoLA-PM-Did-2-092: S (no information on SWS (weekly contact hours) and course language available)
- 09-GeoLA-PM-Did-3-092: E (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-GeoLA-PM-Did-1-092: Education for substainable development Education for substainable development

- 2 ECTS, Method of grading: numerical grade
- a) written examination (approx. 30 minutes) or b) oral examination of one candidate each (approx. 10 minutes) or c) oral examination in groups (groups of 3, approx. 30 minutes) or d) examination in groups (groups of 3): presentation (approx. 40 minutes) with written elaboration (approx. 12 pages)

Assessment in module component 09-GeoLA-PM-Did-2-092: Problems of development and global learning

- 2 ECTS, Method of grading: numerical grade
- a) oral examination of one candidate each (approx. 10 minutes) or b) oral examination in groups (groups of 3, approx. 30 minutes) or c) examination in groups of 3 candidates: presentation (approx. 40 minutes) with written elaboration (approx. 12 pages)

Assessment in module component 09-GeoLA-PM-Did-3-092: Short Excursions (Didactics of Geography)
- 1 ECTS, Method of grading: (not) successfully completed
- written assessment in groups of 3 candidates: documentation (approx. 3 pages)

Allocation of places

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Additional information

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

§ 47 (1) 4. Geographie: Fachdidaktik
§ 66 (1) 4. Geographie Didaktik

Module title			Abbreviation
Level Three Module Didactics of Geography: working in Student Lab			09-GeoLA-PM-Did-LLL-092-m01
Module coordinator		**Module offered by**	
Subject Representative (Fachvertreter) Geography Didactics		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

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)

This module comprises 3 module components. Information on courses will be listed separately for each module component.

- 09-GeoLA-PM-Did-LLL-1-092: S (no information on SWS (weekly contact hours) and course language available)
- 09-GeoLA-PM-Did-LLL-2-092: S (no information on SWS (weekly contact hours) and course language available)
- 09-GeoLA-PM-Did-LLL-3-092: E (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-GeoLA-PM-Did-LLL-1-092: Didactics of Geography: Student Lab

- 2 ECTS, Method of grading: numerical grade
- term paper (approx. 4 to 6 pages); to comprise a written elaboration of the design or the didactics and methodology of an experiment

Assessment in module component 09-GeoLA-PM-Did-LLL-2-092: Didactics of Geography in Practice: working in Student Lab

- 2 ECTS, Method of grading: numerical grade
- practical examination (1 cycle of experiments, usually approx. 15 to 25 hours); to include a written elaboration of the design or the didactics and methodology of an experiment

Assessment in module component 09-GeoLA-PM-Did-LLL-3-092: Short Excursions (Didactics of Geography)

- 1 ECTS, Method of grading: (not) successfully completed
- written assessment in groups of 3 candidates: documentation (approx. 3 pages)

Allocation of places

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Additional information

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

§ 47 (1) 4. Geographie: Fachdidaktik
§ 66 (1) 4. Geographie Didaktik

Freier Bereich (general as well as subject-specific electives)

(0-15 ECTS credits)

Teaching degree students must take modules worth a total of 15 ECTS credits in the area Freier Bereich (general as well as subject-specific electives) (Section 9 LASPO (general academic and examination regulations for teaching-degree programmes)). To achieve the required number of ECTS credits, students may take any modules from the areas below.
Freier Bereich (general as well as subject-specific electives) -- open for all teaching degree students irrespective of their subject combinations: For additional courses that are open to all teaching degree students irrespective of their subject combinations (fächerübergreifendes Zusatzangebot), please refer to the respective Annex of the "Ergänzende Bestimmungen für den "Freien Bereich" im Rahmen des Studiums für ein Lehramt" (Supplementary Provisions on the Area "Freier Bereich" in Teaching-Degree Programmes).
Freier Bereich (general as well as subject-specific electives) -- Faculty of Arts, Historical, Philological, Cultural and Geographical Studies: For additional courses offered by the Faculty of Arts, Historical, Philological, Cultural and Geographical Studies for teaching degree students (fakultätsweites Zusatzangebot), please refer to the Annex of the "Ergänzende Bestimmungen der Philosophischen Fakultät (Fakultät für Historische, Philologische, Kultur- und Geographische Wissenschaften) für den "Freien Bereich" im Rahmen des Studiums für ein Lehramt" (Supplementary Provisions by the Faculty of Arts, Historical, Philological, Cultural and Geographical Studies on the Area "Freier Bereich" in Teaching-Degree Programmes).

Geography

(ECTS credits)

(Freier Bereich (general as well as subject-specific electives) -- subject specific)

Thesis

(10 ECTS credits)

Preparation of a written Hausarbeit (thesis) in accordance with the provisions of Section 29 LPO I (examination regulations for teaching-degree programmes) is a prerequisite for teaching degree students to be admitted to the Erste Staatsprüfung (First State Examination). In accordance with the provisions of Section 29 LPO I, students studying for a teaching degree Gymnasium may write this thesis in one of the subjects they selected as vertieft studiertes Fach (subject studied with a focus on the scientific discipline) or in the subject Erziehungswissenschaften (Educational Science). Pursuant to Section 29 Subsection 1 Sentence 2 LPO I, students may also choose to write an interdisciplinary thesis.

Module title			Abbreviation
Thesis Geography (LGY)			09-GeoGy-SchHA-092-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 research and write on a topic of the sub-disciplines "Geography" or Geography Education" they have agreed upon with an authorised examiner or two authorised examiners in accordance with the provisions of Section 29 LPO (examination regulations for teaching degree programmes).

Intended learning outcomes

Students achieve the following skills:
- Ability to produce a scientific work (description and analysis of an issue, literary research, theory reference, interpretation of data, logical conclusion and solution approaches of a scientific issue) independently
- Ability to master tasks in a given period of time
- Linguistic competence or ability to process and present the results in a written form appropriately.

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)

written thesis (approx. 40 pages)
Language of assessment: German, exceptions in accordance with Section 29 Subsection 4 LPO I (examination regulations for teaching degree programmes)

Allocation of places

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Additional information

Additional information on module duration: 1 to 2 semesters.

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

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