



# Subdivided Module Catalogue for the Subject

Keine PO-STG-Zuordnung vorhanden  
Responsible: JMU Würzburg

## Learning Outcomes

German contents and learning outcome available but not translated yet.

### Wissenschaftliche Befähigung

- Das Masterstudium der Angewandten Humangeographie vertieft die Lehr- und Forschungsinhalte der Physischen Geographie. Der Studiengang ist in einen Pflicht-, Wahlpflichtbereich untergliedert und bereitet auf eine qualifizierte Erwerbstätigkeit vor. Das Ziel der Ausbildung ist es, den Studierenden fundierte und detaillierte Kenntnisse aus den wichtigsten Teilgebieten der Humangeographie zu vermitteln und sie mit modernen Methoden des geographischen, sozial- und wirtschaftswissenschaftlichen Denkens und Arbeitens vertraut zu machen. Deshalb wird auf das Verständnis der fundamentalen geographischen Begriffe und Theorien sowie auf einige grundlegende Methodenkenntnisse und die Entwicklung typischer Denkstrukturen besonderer Wert gelegt. Zentrales Lernziel ist somit der Erwerb der Fähigkeit, räumliche Strukturen und Entwicklungsprozesse zielgerichtet zu analysieren, zu dokumentieren und zu bewerten. Auch die Fähigkeit zum selbständigen wissenschaftlichen Arbeiten soll massiv gefördert werden.
- Der anwendungsbezogene Masterstudiengang bietet Möglichkeiten der Vertiefung und Spezialisierung und bereitet auf eine hoch qualifizierte Berufstätigkeit im akademischen oder im angewandten Bereich vor.
- Vertiefung des im Rahmen des ersten berufsbefähigenden Studiums erworbenen geo- und raumwissenschaftlichen Fachwissens und Erweiterung des methodischen und analytischen Ansatzes;
- Vertiefung der Kenntnisse über die Zusammenhänge innerhalb der eigenen Disziplin und mit benachbarten Disziplinen, Befähigung komplexe, insbesondere interdisziplinäre, Probleme und Aufgabenstellungen im Umweltbereich zu erkennen und zu analysieren, zu formulieren und – unter Zuhilfenahme von selbst recherchierter Fachliteratur – zu lösen; Vertiefung und Erweiterung der Befähigung, über geographische, geo- und raumwissenschaftliche Inhalte und Probleme sowohl mit Fachkollegen und Kolleginnen als auch mit einer breiteren Öffentlichkeit zu kommunizieren; Vertiefung und Erweiterung der Befähigung, sowohl einzeln als auch als Mitglied internationaler Gruppen zu arbeiten und Projekte effektiv zu organisieren und durchzuführen sowie in eine entsprechende Führungsverantwortung hineinzuwachsen;
- Befähigung, zukünftige Probleme, Technologien und wissenschaftliche Entwicklungen in den Geo- und Raumwissenschaften zu erkennen und entsprechend in die Arbeit einzubeziehen; durch die Vertiefung wissenschaftlicher, technischer und sozialer Kompetenz (u.a. Abstraktionsvermögen, Team- und Kommunikationsfähigkeit) auf die Übernahme von Führungsverantwortung vorbereitet zu sein.

### Befähigung zur Aufnahme einer Erwerbstätigkeit

- Definition, Reflexion und Bewertung von Zielen für Lern- und Arbeitsprozesse sowie eigenständige und nachhaltige Gestaltung von Lern- und Arbeitsprozessen: Praxisbezug: Studierende sind in der Lage, theoretisches Wissen in der Praxis anzuwenden
- Problemlösungskompetenz: Absolventen/innen können mit wissenschaftlichen Methoden auch unbekannte Herausforderungen zu analysieren und zielgerichtet zu bearbeiten.
- Teamfähigkeit / Konfliktkompetenz: Absolventen /innen sind in der Lage, konstruktiv und zielorientiert in einem heterogenen, teilweise internationalem, Team zusammenzuarbeiten, unterschiedliche Ansichten produktiv zur Zielerreichung zu nutzen und mögliche Konflikte zu bearbeiten.
- Zeitmanagement: Absolventen/innen können unterschiedliche Aufgaben parallel und unter Zeit- und Erfolgsdruck auch bei widrigen Rahmenbedingungen erfolgreich bearbeiten.

### Persönlichkeitsentwicklung

- Diskussionskultur und Teamfähigkeit: Entwicklung der Diskussionsbereitschaft und Befähigung zur Teamarbeit.
- Interkulturelle Kompetenz: Die Absolventen /innen können ihre erworbenen Kompetenzen in unterschiedlichen interkulturellen Kontexten anwenden.
- Die Absolventen /innen können sich sicher in einem heterogenen Umfeld bewegen und andere Meinungen konstruktiv auf ein gemeinsames Ziel einbinden. Sie sind kritikfähig.

**Befähigung zum gesellschaftlichen Engagement**

- Ethisches Handeln: Die Absolventen /innen können gesellschaftliche, naturwissenschaftliche, kulturelle wie auch wirtschaftliche Entwicklungen vergleichen, kritisch reflektieren und begründet eigene Positionen beziehen. Sie haben die Fähigkeit entwickelt, ihre Kompetenzen in partizipative Prozesse einzubringen.

## 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:

**ASPO2015**

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

**??-??-2025 (2025-??)**

This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.

## The subject is divided into

Abbreviation	Module title	ECTS credits	Method of grading	page
<b>Compulsory Courses (40 ECTS credits)</b>				
<b>Business and Urban Geography</b>				
04-Geo-GGW-152-m01	Geography of the Global Economy	5	NUM	15
04-Geo-GSe-152-m01	Global Urban Development	5	NUM	16
<b>Social Geography/Geographical Trade Research</b>				
04-Geo-RgE-152-m01	Current Social Developments and Space	5	NUM	26
04-Geo-GEK-152-m01	Geography of Retailing and Consumer Behaviour	5	NUM	14
<b>Applied Human Geography/Regional Research</b>				
04-Geo-PlanR-152-m01	Planning Law	5	NUM	21
04-Geo-RUM-wP-152-m01	Regional and environmental planning	5	NUM	27
<b>Tutoring</b>				
04-Geo-Tut-152-m01	Tutoring - preparation and practice	10	B/NB	29
<b>Compulsory Electives (50 ECTS credits)</b>				
<b>Methods of Applied Human Geography (10 ECTS credits)</b>				
<b>Space Observation</b>				
04-Geo-RELA1-152-m01	Remote sensing of land surface parameters	5	NUM	24
04-Geo-ThemK-152-m01	Visualization, monitoring and communication (Thematic Mapping)	5	NUM	28
<b>Space Analysis and Assessment</b>				
04-Geo-AmM-152-m01	Methods of Analyses and Modelling	5	NUM	7
04-Geo-EtBv-152-m01	Decision Theory and assessment methods	5	NUM	11
<b>Space development</b>				
04-Geo-RegMM-152-m01	Regional marketing and -management	5	NUM	23
04-Geo-RfRe-152-m01	Regional studies and regional development	5	NUM	25
<b>Minor-specific Specialisation</b>				
04-Geo-MSTAT-152-m01	Computer-based statistical data analysis	5	NUM	20
04-Geo-MMT-152-m01	Geoinformatics / GIS / Data bank management	5	NUM	19
04-Geo-MAT1-152-m01	Climate change, implications and protection	5	NUM	18
12-M-EFP-222-m01	European Public Finance	5	NUM	30
12-M-HRM-242-m01	Human Resource Management and Industrial Relations	5	NUM	32
12-M-WPE-192-m01	European Competition Policy	5	NUM	34
04-Geo-BGV1-152-m01	Subsidiary subject-specific development-course for Students of Applied Human Geography 1	5	NUM	8
04-Geo-BGV2-152-m01	Subsidiary subject-specific development-course for Students of Applied Human Geography 2	5	NUM	9
<b>Research Experience and Work Placement (30 ECTS credits)</b>				
04-Geo-BPrax-152-m01	Work placement / Professional practical training for Students of Applied Human Geography	15	B/NB	10
04-Geo-FPrax-152-m01	International Research Internship / Term at Partner University	15	NUM	13
04-Geo-Proj-152-m01	Project studies of applied human geography	15	NUM	22

o4-Geo-ExGp-152-m01	Field Trip / Applied Area Training	15	NUM	12
<b>Thesis (30 ECTS credits)</b>				
o4-Geo-MAA-152-m01	Master Thesis for Students of Applied Human Geography	30	NUM	17

<b>Module title</b>		<b>Abbreviation</b>
Methods of Analyses and Modelling		o4-Geo-AmM-152-mo1
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Geography and Regional Science		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
The module covers essential methodological elements of "Applied Geography" with the help of qualified processes and techniques of regional analysis and process modelling. In this module will be presented advanced methods and techniques concerning the analysis and modelling of quantitative data with the help of case studies and possibilities of their planning-related application will be discussed, too.		
<b>Intended learning outcomes</b>		
Students achieve consolidated, theoretical substantiated methodical skills of the analysis and modelling of geospatial data.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
a) exercises (approx. 20 pages) or b) presentation (approx. 30 minutes) and term paper (approx. 15 pages) or c) written examination (approx. 45 minutes) Language of assessment: German and/or English Assessment offered: Once a year, winter semester		
<b>Allocation of places</b>		
20 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)		

<b>Module title</b>		<b>Abbreviation</b>
Subsidiary subject-specific development-course for Students of Applied Human Geography 1		04-Geo-BGV1-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Economic Geography		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Courses that lead to additional skills in the field of study "Applied Human Geography", e.g. courses from politics and social sciences, law as well as economic sciences		
<b>Intended learning outcomes</b>		
Students acquire additional skills of the neighbouring sciences of the Applied Human Geography. They acquire knowledge of contents and problem areas, which are necessary for interdisciplinary work. They are also able to communicate within the related sciences technically.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)		



<b>Module title</b>		<b>Abbreviation</b>
Subsidiary subject-specific development-course for Students of Applied Human Geography 2		04-Geo-BGV2-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Economic Geography		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Courses that lead to additional skills in the field of study "Applied Human Geography", e.g. courses from politics and social sciences, law as well as economic sciences		
<b>Intended learning outcomes</b>		
Students acquire additional skills of the neighbouring sciences of the Applied Human Geography. They acquire knowledge of contents and problem areas, which are necessary for interdisciplinary work. They are also able to communicate within the related sciences technically.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
written examination (approx. 60 minutes) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)		

<b>Module title</b>		<b>Abbreviation</b>
<b>Work placement / Professional practical training for Students of Applied Human Geography</b>		04-Geo-BPrax-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Social Geography		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
15	(not) successfully completed	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
The work placement has to be completed in a module-relevant office or company, which fits the professional career the student is looking for. The work placement should comprise tasks that provides the intern with a comprehensive and adequate insight into the vocational world of a M.Sc. Geographer.		
<b>Intended learning outcomes</b>		
Students have knowledge of processes in a vocational field. They acquire consolidated practical skills and their implementation of vocational practice.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
P (o) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
report on work placement (approx. 20 pages) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Additional information on module duration: approx. 8 weeks.		
<b>Workload</b>		
450 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)		

<b>Module title</b>		<b>Abbreviation</b>
Decision Theory and assessment methods		04-Geo-EtBv-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Geography and Regional Science		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Initially, this module deals with fundamental aspects of action and decision theory. Rational explanatory models concerning the choice behaviour will be debated and completed with strategical and institutional point of views. In addition, processes for the decision making, i.e. the goal formation and evaluation of action alternatives, will be presented and discussed in the context of geospatial planning processes.		
<b>Intended learning outcomes</b>		
Students achieve consolidated, theoretical substantiated methodical skills concerning the evaluation of geospatial planning issues.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
a) exercises (approx. 20 pages) or b) presentation (approx. 30 minutes) and term paper (approx. 15 pages) or c) written examination (approx. 45 minutes) Language of assessment: German and/or English Assessment offered: Once a year, summer semester		
<b>Allocation of places</b>		
20 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)		

<b>Module title</b>		<b>Abbreviation</b>
Field Trip / Applied Area Training		04-Geo-ExGp-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Economic Geography		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
15	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Field trip to chosen European spaces or spaces outside of Europe with focus on human geographical issues. Based on subspaces, distinctive or divergent developments will be presented and explored mutually.		
<b>Intended learning outcomes</b>		
Students use theoretically acquired human geographical findings practically. It is necessary to characterise and define spaces. Observations, polls or mapping will be implemented and evaluated in a group. Relevant topic fields will be developed at site as well as a consolidated practice-related problem awareness.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2) + E (6) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
presentation (45 minutes) and term paper (approx. 40 pages) Language of assessment: German and/or English Assessment offered: Once a year, winter semester		
<b>Allocation of places</b>		
20 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
Additional information on module duration: includes field trip (fieldwork, no less than 10 days).		
<b>Workload</b>		
450 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)		

<b>Module title</b>		<b>Abbreviation</b>
International Research Internship / Term at Partner University		04-Geo-FPrax-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Economic Geography		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
15	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
The work placement should comprise tasks in chosen offices, research institutions or private employers abroad, which will give the interns a consolidated and comprehensive insight into the vocational world of a M.Sc. Geographer. It is also possible to do the research placement at a university abroad.		
<b>Intended learning outcomes</b>		
Students have knowledge of processes in a vocational field or a foreign university. They acquire consolidated practical skills and their implementation of vocational or scientific practice. Students work on a topic of their choice with spatial analytical methods or methods of empirical social research abroad in accordance with the prior consultation of the module coordinator. The findings of the study must be presented in a detailed report and presented in a colloquium.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
P (o) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
term paper (approx. 20 pages) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Additional information on module duration: approx. 8 weeks.		
<b>Workload</b>		
450 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)		

<b>Module title</b>		<b>Abbreviation</b>
Geography of Retailing and Consumer Behaviour		04-Geo-GEK-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Social Geography		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>The module will cover current developments and point of views in the retailing sector and consumer behaviour. Issues of cooperation, interconnectedness and new ranges of offers in trade will be covered as well as issues concerning the subsidiary network planning with simulation processes, online trade, information and purchase behaviour of consumers and examples of controlling planning measures and course of actions .</p>		
<b>Intended learning outcomes</b>		
<p>Students achieve consolidated skills of structures and processes concerning issues from the geographical commercial research. They are able to reflect theoretical approaches critically and to evaluate spatial effect and planning control of retail developments.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
<p>S (2) Module taught in: German and/or English</p>		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
<p>presentation (approx. 30 minutes) and term paper (approx. 25 pages) Language of assessment: German and/or English</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)</p>		

<b>Module title</b>		<b>Abbreviation</b>
Geography of the Global Economy		04-Geo-GGW-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Economic Geography		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>Over the past decades, the global networking of the economy has risen significantly and, among others, comprises the communication, transport, production and trade nowadays. An international worksharing has developed, which has never existed before in this way. Companies are able to decouple work and capital-intensive production processes. This is one of the reasons for the increase of the trade volume. At the same time, the world trade, which is in the area of tension between liberalisation and protectionism, is a controversial issue.</p>		
<b>Intended learning outcomes</b>		
<p>Students get a deeper insight into the global economy as well as into the reasons and impacts of the interconnectivity. They acquire an extended understanding of economic and geographic issues in the area of global economy and learn to reflect different developments and theoretical approaches critically.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
<p>V (2) Module taught in: German and/or English</p>		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
<p>written examination (approx. 60 minutes) Language of assessment: German and/or English</p>		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Applied Human Geography (2015)            Master's degree (1 major) Political and Social Sciences (2015)            Master's degree (1 major) International Economic Policy (2015)            Master's degree (1 major) Applied Human Geography (2017)            Master's degree (1 major) Political and Social Sciences (2020)            Master's degree (1 major) Social Science Sustainability Studies (2021)</p>		

<b>Module title</b>		<b>Abbreviation</b>
Global Urban Development		04-Geo-GSe-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Economic Geography		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>Globally, more than half of people live in cities, however, the cities develop differently. Growing cities face the problem of shrinking cities and in many countries the megacities pose a big problem. At the same time, segregation and polarisation increase under the influence of urban governance and global processes. Students will present the processes with the help of chosen issues. The focus is on research-relevant topic areas of "Urban Geography".</p>		
<b>Intended learning outcomes</b>		
<p>Students develop a practical problem awareness for relevant urban and social political processes and prepare and present a topic of Urban Geography independently on a high level. They are able to classify current findings of urban geographical research in scientific theoretical and historical specific contexts.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
presentation (approx. 30 minutes) and term paper (approx. 25 pages) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)		



<b>Module title</b>		<b>Abbreviation</b>
Master Thesis for Students of Applied Human Geography		o4-Geo-MAA-152-mo1
<b>Module coordinator</b>		<b>Module offered by</b>
chairperson of examination committee Master Geographie (Geography)		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
30	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Adhering to the principles of good scholarly practice, students will independently research and write on a topic of Human Geography within six months.		
<b>Intended learning outcomes</b>		
Students conceive a complex scientific question and process this one independently within six months and they develop individual ideas and concepts for the solution of scientific problems; they reflect and deal with theories, terminologies and doctrines of the discipline Geography in a consolidated and critical way; they are able to apply suitable, scientific methods independently and develop them further as well as they have the ability to present subject-specific contents significantly and target-orientated in a written as well as oral form and present arguments effectively.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
No courses assigned to module		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
Master's thesis (approx. 120 pages) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
Time to complete: 6 months.		
<b>Workload</b>		
900 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)		

<b>Module title</b>		<b>Abbreviation</b>
Climate change, implications and protection		04-Geo-MAT1-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Climatology		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>The focus is on the variability of atmospheric features at climatological time scales. In particular, anthropogenic climate change is assessed against the background of natural climate variations. Observed indications of climate change and climate model projections will be illustrated, ecological and socioeconomic implications be derived and needs of climate protection be discussed.</p>		
<b>Intended learning outcomes</b>		
<p>The students gain substantial insights into the mechanisms of climate variability on the basis of physically and mathematically explicit assessments of atmospheric processes. Especially, the interplay between natural and anthropogenic climate factors will be elucidated.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
<p>V (2) Module taught in: German and/or English</p>		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
<p>written examination (approx. 60 minutes) Language of assessment: German and/or English Assessment offered: Once a year, winter semester</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Physical Geography (2015) Master's degree (1 major) Applied Physical Geography (2016) Master's degree (1 major) Applied Human Geography (2017) Master's degree (1 major) Social Science Sustainability Studies (2021)</p>		

<b>Module title</b>		<b>Abbreviation</b>
Geoinformatics / GIS / Data bank management		04-Geo-MMT-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Physical Geography		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
No information on contents available.		
<b>Intended learning outcomes</b>		
No information on intended learning outcomes available.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
Ü (2) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
a) exercises (approx. 15 pages) or b) oral examination of one candidate each (approx. 15 minutes) Language of assessment: German and/or English		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Physical Geography (2015) Master's degree (1 major) Applied Physical Geography (2016) Master's degree (1 major) Applied Human Geography (2017)		

<b>Module title</b>		<b>Abbreviation</b>
Computer-based statistical data analysis		04-Geo-MSTAT-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Climatology		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Thus, in the module "Statistics III" common and specific processes of univariate and multivariate statistic will be implemented on the computer with the help of basic programming language FORTRAN and by plausible examples from different areas of "Geography".		
<b>Intended learning outcomes</b>		
Based on the theoretical knowledge of univariate and multivariate statistics from the Bachelor level, the students will be enabled to apply statistical issues by means of programming.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
Ü (2) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
a) exercises (approx. 15 pages) or b) oral examination of one candidate each or oral examination in groups (each approx. 15 minutes per candidate) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
--		
<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Physical Geography (2015) Master's degree (1 major) Applied Physical Geography (2016) Master's degree (1 major) Applied Human Geography (2017)		

<b>Module title</b>		<b>Abbreviation</b>
Planning Law		04-Geo-PlanR-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Geography and Regional Science		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Introduction to the regional development, regional planning and public construction law; Overview of legal bases and fields of application; Discussion of regional planning and urban land-use plans. Theoretical, terminological and methodological foundations of the regional planning as well as its legal basis and most common fields of application.		
<b>Intended learning outcomes</b>		
Students get a consolidated insight into the basics of the planning regulations and develop skills in regional planning scientific nomenclature and its handling, which affects the array and interpretation of plans and different benchmark levels.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
written examination (approx. 45 minutes) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Physical Geography (2015) Master's degree (1 major) Political and Social Sciences (2015) Master's degree (1 major) Applied Physical Geography (2016) Master's degree (1 major) Applied Human Geography (2017) Master's degree (1 major) Political and Social Sciences (2020) Master's degree (1 major) Social Science Sustainability Studies (2021)		

<b>Module title</b>		<b>Abbreviation</b>
Project studies of applied human geography		04-Geo-Proj-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Geography and Regional Science		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
15	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Content-related debates and discussions, use of survey procedures and analytical methods, critical reflection of methods and results as well as their documentation and presentation using the example of current research issues.		
<b>Intended learning outcomes</b>		
Students develop skills concerning the implementation of project studies by using necessary methods and techniques as well as concerning their social competence due to team work.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (6) + P (0) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
term paper (approx. 30 pages) Language of assessment: German and/or English Assessment offered: Once a year, winter semester		
<b>Allocation of places</b>		
20 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
450 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)		

<b>Module title</b>		<b>Abbreviation</b>
Regional marketing and -management		o4-Geo-RegMM-152-mo1
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Geography and Regional Science		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
The course deals with conceptional approaches and tools of regional marketing and regional management as well as presentation and discussion of regional case studies.		
<b>Intended learning outcomes</b>		
Students achieve consolidated skills in dealing with tools of geographical planning and development and are able to assess the concept and use of tools.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
presentation (approx. 45 minutes) and term paper (approx. 20 pages) Language of assessment: German and/or English Assessment offered: Once a year, winter semester		
<b>Allocation of places</b>		
20 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)		

<b>Module title</b>		<b>Abbreviation</b>
Remote sensing of land surface parameters		o4-Geo-RELA1-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Remote Sensing		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>This module deals with the characterisation of the earth's surface by assessing relevant remotely sensed parameters. These parameters are seen as resources of different land surfaces. Presented are methods for the assessment of vegetation, water, soils and urban areas as well as techniques for deriving bio- and geophysical parameters (e.g. vegetation and soil indices and parameters, imperviousness). Methodological skills are imparted for landscape analysis (e.g. analysis of topology, fragmentation of landscape elements, urban structures) as well as (inter)national assessment approaches, monitoring methods and programmes and practical application examples.</p>		
<b>Intended learning outcomes</b>		
<p>The students acquire skills concerning the methodological acquisition and textual assessment of land surface parameters in the context of different geographical applications. Thereby, fundamentals of the understanding of remote sensing data and methods as well of observed land surface processes are provided. The scientific problem's type and complexity encourage interdisciplinary work.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
<p>Ü (2) Module taught in: German and/or English</p>		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
<p>a) term paper (approx. 20 pages) or b) preparing a poster (approx. 10 hours) Language of assessment: German and/or English Assessment offered: Once a year, winter semester</p>		
<b>Allocation of places</b>		
<p>15 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Physical Geography (2015) Master's degree (1 major) Applied Physical Geography (2016) Master's degree (1 major) Applied Human Geography (2017)</p>		
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<b>Module title</b>		<b>Abbreviation</b>
Regional studies and regional development		o4-Geo-RfRe-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Geography and Regional Science		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Discussion of current issues of the regional development, spatial development research and regional planning in Bavaria, Germany and Europe.		
<b>Intended learning outcomes</b>		
Students achieve consolidated skills in dealing with tools of geographical planning and development and will be able to assess the concept and use of tools.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
presentation (approx. 45 minutes) and term paper (approx. 20 pages) Language of assessment: German and/or English Assessment offered: Once a year, summer semester		
<b>Allocation of places</b>		
20 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)		

<b>Module title</b>		<b>Abbreviation</b>
Current Social Developments and Space		04-Geo-RgE-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Social Geography		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
This course will cover current social development processes (e.g. information, knowledge-based society, migration and integration) and their presentation in theoretical approaches. Consolidation based on chosen issues and their meaning for the regional development.		
<b>Intended learning outcomes</b>		
Students achieve an extended understanding of social-scientific issues and spatial references. They acquire and reflect social processes by taking into account the social-geographical point of views.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2)		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
presentation (approx. 30 minutes) and term paper (approx. 25 pages) Language of assessment: German and/or English		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)		

<b>Module title</b>		<b>Abbreviation</b>
Regional and environmental planning		o4-Geo-RUmWP-152-mo1
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Geography and Regional Science		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
The course will provide students with in-depth knowledge of former and modern planning models and planning works, spatial structural categories, conceptions as well as formal and informal tools of regional development planning and regional planning and further, students will be able to the qualified application and use of spatial analytical and spatial planning tools.		
<b>Intended learning outcomes</b>		
Students achieve in-depth knowledge of former and modern planning models, categories of spatial structure, conceptions as well as formal and informal tools of spatial planning and regional development and develop skills of qualified applications and the use of spatial analytical and regional planning tools.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
written examination (approx. 45 minutes) Language of assessment: German and/or English		
<b>Allocation of places</b>		
--		
<b>Additional information</b>		
--		
<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Physical Geography (2015) Master's degree (1 major) Political and Social Sciences (2015) Master's degree (1 major) Applied Physical Geography (2016) Master's degree (1 major) Applied Human Geography (2017) Master's degree (1 major) Political and Social Sciences (2020) Master's degree (1 major) Social Science Sustainability Studies (2021)		

<b>Module title</b>		<b>Abbreviation</b>
Visualization, monitoring and communication (Thematic Mapping)		04-Geo-ThemK-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Geography and Regional Science		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Geographical and geospatial information from the area of "Applied Geography" will be organised and visualised by means of Cartography Systems or GIS (e.g. with the help of thematic maps as communication tool) as well as analysed (including geographical screening and intersection, determination of locations and commuting areas).		
<b>Intended learning outcomes</b>		
Students achieve consolidated content-related and technical competences in the organisation of data and data analysis as well as cartographic presentation of analysis findings.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
Exercises (approx. 20 pages) Language of assessment: German and/or English Assessment offered: Once a year, summer semester		
<b>Allocation of places</b>		
20 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Teaching cycle</b>		
--		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)		

<b>Module title</b>		<b>Abbreviation</b>
Tutoring - preparation and practice		04-Geo-Tut-152-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Geography and Regional Science		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
10	(not) successfully completed	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
2 semester	graduate	--
<b>Contents</b>		
Introduction to basics of university teaching methodology and communication as well as consolidation of basics concerning the introduction to research methods and research process (scientific writing and presentation and moderation). The course includes the test of being a tutor for a chosen course of the Institute of Geography and Geology in the bachelor's degree courses.		
<b>Intended learning outcomes</b>		
Students achieve basic knowledge of university teaching and consolidated skills of scientific work. By implementing their expertise and methodological knowledge as well as their experiences as postgraduate students to work groups of undergraduates, they support their learning processes as well as reflection of group dynamics during the tutorial. During the individual design of role as tutor as well as due to constant feedback through students, the own professionalism grows.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
S (2) + T (2) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
portfolio (including e. g. small pieces of practice work, work sheets, presentations, logs; approx. 40 pages total) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Applied Human Geography (2015) Master's degree (1 major) Applied Human Geography (2017)		

<b>Module title</b>		<b>Abbreviation</b>
European Public Finance		12-M-EFP-222-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Public Finance		Faculty of Business Management and Economics
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>The course aims at introducing the main public finance issues in the European Union. Students will learn how the revenues of the Union are generated and how they are spent. We will discuss the motivation and implications of the Brexit decision and various coordination problems with respect to public debt, taxation and environmental policy. Economic policy is discussed with simple models, which highlight the central problems.</p> <p>Course contents:</p> <ol style="list-style-type: none"> <li>1. The European Union: History and Institutions</li> <li>2. The Budget of the European Union</li> <li>3. Economic Analysis of the Brexit Process</li> <li>4. Sovereign Debt, Financial Crisis and Fiscal Integration in the EMU</li> <li>5. Tax Competition or Tax Coordination in Europe?</li> <li>6. European Climate Policy: Emission Trading and Green Deal</li> </ol>		
<b>Intended learning outcomes</b>		
After completing the course students are introduced to the central public finance policy issues, institutions and rules of conduct in the EU. They are able to apply simple theoretical models to to discuss and analyze more specific policy problems.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)		
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
There are no restrictions with regard to available places for students of the Master's degree programmes Business Management, International Economic Policy or Economics, Information Systems, Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.		
<b>Additional information</b>		
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<b>Workload</b>		
150 h		

<b>Teaching cycle</b>
Teaching cycle: summer semester
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
Master's degree (1 major) International Economic Policy (2022) Master's degree (1 major) Management (2022) Master's degree (1 major) Econometrics (2022) Master's degree (1 major) Management (2024) Master's degree (1 major) International Economic Policy (2024) Master's degree (1 major) Econometrics (2024)

<b>Module title</b>		<b>Abbreviation</b>
Human Resource Management and Industrial Relations		12-M-HRM-242-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair for Human Resource Management and Organisation		Faculty of Business Management and Economics
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>The lecture "Human Resource Management and Industrial Relations" introduces advanced theories, estimation techniques and empirical results from the areas of human resources management and institutional frameworks such as the different actors in industrial relations.</p> <p>Syllabus  Introduction: Human Resource Management &amp; Industrial Relations  Chapter 1: The employment contract  Chapter 2: Motivation  Chapter 3: Employee resistance against reorganisations  Chapter 4: The role of works councils  Chapter 5: Works councils and the employer wage structure  Chapter 6: The behaviour of labour unions  Chapter 7: Credentials and signaling  Chapter 8: Demographic challenges of HRM</p> <p>Literature  Milgrom, Roberts (1992), Economics, Organization and Management, Prentice Hall, Englewood Cliffs  Picot, Dietl, Franck, Fiedler, Royer (2015), Organisation – Theorie und Praxis aus ökonomischer Sicht, 7. Auflage, Schäffer Poeschel, Stuttgart  Zwick (2003), Empirische Determinanten des Widerstandes von Mitarbeitern gegen Innovationen, Schmalenbachs Zeitschrift für betriebswirtschaftliche Forschung 55, 45-59  Freeman, Lazear (1995), An Economic Analysis of Works Councils, in Rogers, Streeck (eds.), Works Councils, Chicago, 27-50  Addison, Teixeira, Zwick (2010), Works Councils and the Anatomy of Wages, Industrial and Labor Relations Review 63 (2), 240-273  Atherton (1973), Theory of Union Bargaining Goals, Princeton University Press, Princeton, NJ.  Garibaldi (2006), Personnel Economics in Imperfect Labour Market, Oxford University Press, Oxford (chapter 6).  Mohrenweiser, Wydra-Somaggio, Zwick (2020), Information advantages of training employers despite credible training certificates, Oxford Economic Papers 72(3), 651-671.  Malmberg, Lindh, Halversson (2008), Productivity consequences of workforce aging: Stagnation or Horndal effect. In Prskawetz, Bloom, Lutz (eds.), Population and Development Review, Population Ageing, Human Capital Accumulation, and Productivity Growth (suppl. to Vol. 34), 238-256</p>		
<b>Intended learning outcomes</b>		
The aim of the lectures is to enable students to understand and apply advanced theories, estimation techniques and empirical results in the area human resource management and industrial relations on the basis of scientific literature.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
V (2) + Ü (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module can be chosen to earn a bonus)		
a) written examination (approx. 60 minutes) or		
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b) term paper (approx. 15 pages)  
Language of assessment: English

**Allocation of places**

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**Additional information**

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**Workload**

150 h

**Teaching cycle**

Teaching cycle: summer semester

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

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**Module appears in**

Master's degree (1 major) Management International (2024)  
Master's degree (1 major) Management (2024)  
Master's degree (1 major) Information Systems (2024)  
Master's degree (1 major) International Economic Policy (2024)  
Master's degree (1 major) Economathematics (2024)

<b>Module title</b>		<b>Abbreviation</b>
European Competition Policy		12-M-WPE-192-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Industrial Economics		Faculty of Business Management and Economics
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>Outline of syllabus:</p> <ol style="list-style-type: none"> <li>1. Legal environment, competition laws</li> <li>2. Market definition <ul style="list-style-type: none"> <li>• Qualitative methods</li> <li>• Simple quantitative methods</li> <li>• Hypothetical monopoly test</li> </ul> </li> <li>3. Horizontal agreements and collusion: repeated games and factors affecting likelihood of collusion</li> <li>4. Horizontal mergers and collusion <ul style="list-style-type: none"> <li>• Economic theory</li> <li>• Efficiency effects</li> <li>• Coordinated effects</li> </ul> </li> <li>5. Vertical relations and contracts <ul style="list-style-type: none"> <li>• Economic analysis of contracts</li> <li>• "More economic approach"</li> </ul> </li> <li>6. Abuse of dominant position <ul style="list-style-type: none"> <li>• Classification of abusive conduct</li> <li>• Economic analysis of abusive conduct and theory of harm</li> </ul> </li> </ol>		
<b>Intended learning outcomes</b>		
<p>After completion of the module students can use the advanced concepts introduced in the lecture of competition policy, including the legal framework, the trace models and methods for the study of competition policy issues, as well as understand the approach of European competition policy in high profile cases. When they are confronted with practical problems, they can refer to these cases, and the same logic to practical examples apply by draining the relevant economic theories that identify variables to be measured and methodologies for assessing, and based on that adequate conclusions for appropriate cases. They will sufficiently understand the subject in order to open up that build upon literature in journals and being able to think critically.</p>		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
V (2) Module taught in: English		
<b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module can be chosen to earn a bonus)		
a) written examination (approx. 60 to 120 minutes) or b) term paper (15 to 20 pages) Language of assessment: English creditable for bonus		
<b>Allocation of places</b>		
<p>There are no restrictions with regard to available places for students of the Master's degree programmes Management, International Economic Policy, Information Systems, Wirtschaftsmathematik (Mathematics for Economics) and Chinese and Economics as well as China Business and Economics. A total of 20 places will be allocated to students of other subjects; should the number of applications exceed the number of available places, these places will be allocated by lot.</p>		
<b>Additional information</b>		
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<b>Workload</b>
150 h
<b>Teaching cycle</b>
Teaching cycle: summer semester
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)
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<b>Module appears in</b>
<p>Master's degree (1 major) Information Systems (2019)  Master's degree (1 major) Political and Social Sciences (2020)  Master's degree (1 major) China Business and Economics (2021)  Master's degree (1 major) China Language and Economy (2021)  Master's degree (1 major) Social Science Sustainability Studies (2021)  Master's degree (1 major) Econometrics (2021)  Master's degree (1 major) Information Systems (2022)  Master's degree (1 major) International Economic Policy (2022)  Master's degree (1 major) Management (2022)  Master's degree (1 major) Econometrics (2022)  Master's degree (1 major) Management (2024)  Master's degree (1 major) International Economic Policy (2024)  Master's degree (1 major) Econometrics (2024)</p>