

## Department of Geography ... ECTS Guide 2011–12

### Courses in English, studies of BSc and MSc

#### General information

Students in Geography will first carry out 3-year studies for Bachelor of Science (BSc). Major subject is Geography.

BSc studies will give basic information about scientific and geographical ways of thinking, and familiarize students with geographical concepts, theoretical and methodical contents. Studies will give basic knowledge to carry out spatial research in order to collect and process empirical research material, and to present and apply geographical information by different communication tools.

After BSc level, the students will continue to Master level studies. Major subject is Geography. In MSc studies, the student will deepen his/her theoretical and methodical knowledge in sense of quantitative, qualitative and GIS methods.

Master studies will develop students' skills to independent geographical work and research. Studies will give strong and deep expertise and know-how for challenging posts in national and international work.

#### Teaching

Teaching in Geography is divided in two steps: BSc and MSc -studies. Studies in BSc level are 180 ECTS and in MSc level studies are 120 ECTS. BSc-studies take three years, and MSc-studies take two years.

In the BSc-studies teaching is organized by lectures, practical training, study circles and seminars. In addition there are book exams. BSc-studies are combined by basic studies and intermediate studies and they end up with BSc thesis which are normally prepared in the end of the third study year (2nd semester of 3rd year).

In the studies of MSc, teaching is organized similar way. In the MSc-level, studies are focused on to the specialization. Fields of specialization are:

- Regional development and regional policy
- Geoinformatics
- Human Geography
- Physical Geography
- Tourism Geography

MSc-level studies are combined by Advanced studies which ends to Master thesis.

In all questions, please contact the Coordinator of International Studies:

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Department of Geography

## BASIC STUDIES, 25 ECTS

### Courses in English (2 courses):

#### **790101P GIS Basics and Cartography**

GIS-perusteet ja kartografia (title in Finnish)

**ECTS Credits:** 5

**Language of instruction:** Finnish, partly in English. English speaking students are asked to contact prof. Rusanen before the course.

#### **790102P Introduction to the systematic physical geography**

Johdatus systemaattiseen luonnonmaantieteeseen (title in Finnish)

**ECTS Credits:** 5

**Language of instruction:** Finnish and English (Lectures are only in Finnish, but this course can be done also in English with some extra readings. Practical's are also organized in English.)

### Descriptions of all courses (Basic level):

#### **790152P Introduction to the discipline of geography**

Johdatus maantieteeseen tieteenalana

**Language of instruction:** Only in Finnish

#### **790141P Introduction to regional development and regional policy**

Aluekehityksen ja aluepolitiikan johdantokurssi

**Language of instruction:** Only in Finnish

#### **790101P GIS Basics and Cartography**

GIS-perusteet ja kartografia (title in Finnish)

**ECTS Credits:** 5

**Timing:** 1 year, 2nd semester (spring semester)

**Learning outcomes:** Course gives basic information about Geographical Information System and about the theory of cartography. After the course the student can use GIS programs and he/she is able to produce cartographic presentations.

**Contents:** Basics of GIS, theories of cartography and statistical graphics and use of GIS program (MapInfo).

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** 20 h lectures, 56 h practicals.

**Target group:** Common course to all 1st year students of Geography.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course is part of the minor studies of GIS.

**Recommended or required reading:** Peltonen, A. (1988). Peruskartografia. Helsingin yliopiston maantieteen laitoksen opetusmonisteita 32. VirtualGIS -www-pages.

**Assessment methods and criteria:** Written exam on general exams of Geography.

**Grading:** 1–5.

**Person responsible:** Jarmo Rusanen

**Other information:** English speaking students are asked to contact prof. Rusanen before the course.

**Language of instruction:** Finnish, partly in English. English speaking students are asked to contact prof. Rusanen before the course.

**Work placements:** No.

**790102P Introduction to the systematic physical geography**

Johdatus systemaattiseen luonnonmaantieteeseen (title in Finnish)

**ECTS Credits:** 5

**Timing:** 1 year, 2nd semester (spring semester)

**Learning outcomes:** This introductory course will give information about systematic fields of Physical geography and its contemporary research. After the course, the student recognizes the most essential phenomena of geosphere (geomorphology), biosphere (biogeography), atmosphere (climatology), and he/she is able to do conclusions about the factors that influence those phenomena. The aim of the practical's is that the student can use basic methods of the research of Physical geography.

**Contents:** Geomorphology, climatology, hydrogeography, biogeography; and lithosphere, atmosphere, hydrosphere and biosphere. The students will learn how nature works and how to resolve multiple environmental questions. Practical's are focused to the importance of the material gathering and its technical use.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** 20 h lectures, 56 h practical's.

**Target group:** Common course to all 1st year students of Geography.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course is part of the minor studies of Geography.

**Recommended or required reading:** Strahler, Alan & Arthur Strahler (2005). Physical Geography. Science and Systems of the Human Environment (chapters: 1, 5–7, 9, 13–20, 23). Practical's: material will be delivered later.

**Assessment methods and criteria:** Written exam on general exams of Geography.

**Grading:** 1–5.

**Person responsible:** Jan Hjort and graduate students.

**Other information:** –

**Language of instruction:** Finnish and English (Lectures are only in Finnish, but this course can be done also in English with some extra readings. Practical's are also organized in English.)

**Work placements:** No.

**790104P Introduction to systematic human geography**

Johdatus systemaattiseen kulttuurimaantieteeseen

**Language of instruction:** Only in Finnish

## INTERMEDIATE STUDIES

### Courses in English (12 courses):

**790106A Introductory course of regional geography**

Aluemaantieteen johdantokurssi (title in Finnish)

**ECTS Credits:** 3

**Language of instruction:** Finnish, partly in English, to be announced later.

**790307A Changing Europe**

Muuttuva Eurooppa (title in Finnish)

**ECTS Credits:** 3

**Language of instruction:** Finnish, partly in English. English speaking students are asked to contact Mr. Ridanpää or Mrs. Lepý before the course.

**790342A Advanced course in GIS**

GIS-jatkokurssi (title in Finnish)

**ECTS Credits:** 7

**Language of instruction:** Finnish, partly in English. English speaking students are asked to contact prof. Rusanen before the course.

**790161A Tourism, sustainability and environment**

Matkailu, kestävyys ja pohjoinen ympäristö (title in Finnish)

**ECTS Credits:** 3

**Language of instruction:** Finnish and English.

**790320A Tourism planning and development**

Matkailusuunnittelu ja aluekehitys (title in Finnish)

**ECTS Credits:** 5

**Language of instruction:** Finnish and English.

**790340A Geographies of global development**

Globaali kehitysproblematiikka (title in Finnish)

**ECTS Credits:** 3

**Language of instruction:** Finnish and English.

**790349A World regional geography**

Maapallon aluemaantiede (title in Finnish)

**ECTS Credits:** 4

**Language of instruction:** Finnish and English (Book exam can be written in Finnish or in English. In-form of language in signing in of exam.)

**790350A Special themes in regional development and regional policy**

Aluekehityksen ja aluepolitiikan erityisteemat (title in Finnish)

**ECTS Credits:** 5

**Language of instruction:** Finnish and English. (Book exam can be written in Finnish or in English. Indication when signing in for exam.)

**791302A Environment and Society**

Ympäristö ja yhteiskunta (title in Finnish)

**ECTS Credits:** 5

**Language of instruction:** Finnish and partly in English. English speaking students are asked to contact prof. Rusanen before the course.

**791635A Physical Geography of Fennoscandia**

Fennoskandian luonnonmaantiede (title in Finnish)

**ECTS Credits:** 2

**Language of instruction:** Finnish and English.

**792301A Regional development and regional policy in theory and in practice**

Alueellinen kehittämien ja suunnittelu teoriassa ja käytännössä (title in Finnish)

**ECTS Credits:** 5

**Language of instruction:** Finnish and partly in English.

**792319A Regional politics, policy and development: Northern Europe**

Aluekehitys ja -politiikka: Pohjoinen Eurooppa (title in Finnish)

**ECTS Credits:** 5

**Language of instruction:** Finnish and partly in English.

## Descriptions of all courses (Intermediate level):

### Common courses to the all students of Geography (35 ECTS)

#### 790106A Introductory course of regional geography

Aluemaantieteen johdantokurssi (title in Finnish)

**ECTS Credits:** 3

**Timing:** 2nd or 3rd year, 1st semester (autumn semester)

**Learning outcomes:** Student can the mainstream discourses of the Regional geography, and knows its theories and concepts and can apply them to practical cases.

**Contents:** Students are acquainted to the approaches of the so called new Regional geography and its most recent challenges in different spatial scales. Lectures are dealing with both the theory and the applications of the new regional geography. Lectures serve all fields of specialization. Both international and Finnish cases are considered.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** 20 h lectures and exam.

**Target group:** Common course to all students of Geography.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course is part of the minor studies of Geography.

**Recommended or required reading:** Material will be delivered during the course.

**Assessment methods and criteria:** Written exam on general exams of Geography.

**Grading:** 1–5.

**Person responsible:** Petri Hottola and Elise Lepý.

**Other information:** 10 h lectures are in English (Lepý) and 10 h are in Finnish (Hottola).

**Language of instruction:** Finnish, partly in English, to be announced later.

**Work placements:** No.

#### 790322A Geographical Information and Research

Maantieteellinen tieto ja tutkimus

**Language of instruction:** Only in Finnish

#### 790160A Introduction to tourism geography

Matkailumaantieteen johdantokurssi

**Language of instruction:** Only in Finnish

#### 790307A Changing Europe

Muuttuva Eurooppa (title in Finnish)

**ECTS Credits:** 3

**Timing:** 2nd year, 1st semester (autumn semester).

**Learning outcomes:** The aim of the course is to present the historic, the regional and the social change of the Europe, and its future aspects. After the course, the student is able to evaluate the change of Europe and can interpret the role of those changes to the regional integration and development.

**Contents:** Regional transformation of Europe by the historical and contemporary discussion; post-war period and integration; basic concepts on the modern discourse of Europe.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** 10 h lectures and exam.

**Target group:** Common course to all students of Geography.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course is part of the minor studies of Geography.

**Recommended or required reading:** McNeill, Donald (2004). New Europe: Imagined Spaces. Arnold, London. 206 s.

**Assessment methods and criteria:** Written exam on general exams of Geography.

**Grading:** 1–5.

**Person responsible:** Juha Ridanpää or Elise Lepý

**Other information:** –

**Language of instruction:** Finnish, partly in English. English speaking students are asked to contact Mr. Ridanpää or Mrs. Lepý before the course.

**Work placements:** No.

### **790342A Advanced course in GIS**

GIS-jatkokurssi (title in Finnish)

**ECTS Credits:** 7

**Timing:** 2nd year, 1st semester (autumn semester)

**Learning outcomes:** The student knows the most essential analyses and methods of the GIS and is able to apply them independently in different research phases. In addition, the student manages the basis of the ArcGIS program and knows the most common types of the data of geographical information.

**Contents:** Most central GIS methods by ArcGIS program in human and physical geography.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** 2 h lectures, pre seminar 10 h, 70 h practical's.

**Target group:** Common course to all students of Geography.

**Prerequisites and co-requisites:** GIS basics and cartography.

**Recommended optional programme components:** Course is part of minor studies of GIS.

**Recommended or required reading:** Antikainen, H. & Hiltula, J. (2007). GIS ja kvantitatiiviset menetelmät. Johdatus ArcGIS 9.2 -ohjelmiston käyttöön (In Finnish).

**Assessment methods and criteria:** Preparation of the practical's and seminar work.

**Grading:** 1–5.

**Person responsible:** Jarmo Rusanen and Harri Antikainen

**Other information:** –

**Language of instruction:** Finnish, partly in English. English speaking students are asked to contact prof. Rusanen before the course.

**Work placements:** No.

### **790323A Scientific writing in geography**

Maantieteellisen tutkimuksen laatiminen

**Language of instruction:** Only in Finnish

### **790351A Thesis of BSc (Bachelor of Science)**

LuK-tutkielma

**Language of instruction:** Only in Finnish

### **790399A Maturity test**

Kypsyysnäyte

**Language of instruction:** Only in Finnish

## **Optional Intermediate studies (based on student's specialization):**

### **790161A Tourism, sustainability and environment**

Matkailu, kestävyys ja pohjoinen ympäristö (title in Finnish)

**ECTS Credits:** 3

**Timing:** 2 year, 1st semester (autumn semester)

**Learning outcomes:** After the course student can define the role of the sustainable development for tourism industry and he/she can evaluate and verify different impacts of the tourism for sustainable development.

**Contents:** Special questions of the sustainable development in the field of tourism research.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** 8 h lectures and written essay.

**Target group:** Students of geography who will specialise to Tourism Geography.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course is part of minor studies tourism geography.

**Recommended or required reading:** Fennel, David A (1999 or later version). Ecotourism – an introduction (partly) and articles (announced during lectures).

**Assessment methods and criteria:** Written exam on general exams of Geography.

**Grading:** 1–5.

**Person responsible:** Jarkko Saarinen

**Other information:** –

**Language of instruction:** Finnish and English.

**Work placements:** No.

### **790303A Special themes in physical geography**

Luonnonmaantieteen erityisteemat

**Language of instruction:** Only in Finnish

### **790305A Special themes in human geography**

Kulttuurimaantieteen erityisteemat

**Language of instruction:** Only in Finnish

### **790306A Developing of remote rural areas**

Syrjäisen maaseudun kehittäminen

**Language of instruction:** Only in Finnish

### **790310A Field course in physical geography**

Luonnonmaantieteen kenttäkurssi

**Language of instruction:** Only in Finnish

### **790318A Tourism and culture**

Matkailu ja kulttuuri

**Language of instruction:** Only in Finnish

### **790320A Tourism planning and development**

Matkailusuunnittelu ja aluekehitys (title in Finnish)

**ECTS Credits:** 5

**Timing:** 3 year, 2nd semester (spring semester)

**Learning outcomes:** After this course, student understands the relationship between tourism planning and regional development and he/she knows the most central models of planning and development in local, regional and national level. He/she knows the starting points of the tourism policy in local and European level, the background aspects of the tourism policy.

**Contents:** Concepts and theories of the tourism development and tourism planning, economic impacts in regional level and basic aspects of the tourism policy and regional tourism strategies.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** 16 h lectures, written seminar work and presentation, written exam.

**Target group:** Voluntary but recommended to students who're specialising to Tourism Geography.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course is part of minor studies tourism geography.

**Recommended or required reading:** Hall, C.M. (2000). *Tourism Planning: Policies, Processes and Relationships*. 236 s. Prentice Hall, Harlow; Fennel, David A. (1999 or later version). *Ecotourism – an introduction* (partly).

**Assessment methods and criteria:** Written exam on general exams of Geography.

**Grading:** 1–5.

**Person responsible:** Jarkko Saarinen & Pekka Kauppila

**Other information:** Written exam can be written also in Finnish. Written seminar work and presentation is in English. If needed, this course can be organised as written exam and practical's.

**Language of instruction:** Finnish and English.

**Work placements:** No.

### **790321A Field course in human geography**

Ihmismaantieteen kenttäkurssi (title in Finnish)

**Language of instruction:** Only in Finnish

### **790326A Qualitative research methods**

Kvalitatiiviset tutkimusmenetelmät

**Language of instruction:** Only in Finnish

### **790340A Geographies of global development**

Globaali kehitysproblematiikka (title in Finnish)

**ECTS Credits:** 3

**Timing:** 2nd or 3rd year, 1st or 2nd semesters (autumn or spring semesters)

**Learning outcomes:** This course gives knowledge of global development problems from geographical point of view. After the course the student can explain what development indicates and what kind of social and economic phenomena will explain both development and under development. He/she is also able to compare different actions that are aimed to diminish the uneven development based on different theories and strategies.

**Contents:** The course familiarizes students to the theories that aim to explain differences in uneven development. Under development, and its social, cultural and economic aspects will be studied from national, regional and local level. This course also requires to political programs and strategies that are aimed to stabilize uneven development.

**Mode of delivery:** Book exam.

**Learning activities and teaching methods:** Book exam.

**Target group:** Compulsory for teachers, others obligatory.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** –

**Recommended or required reading:** Potter, R.B., T. Binns, J.A. Elliott & D. Smith (2004). *Geographies of Development*.

**Assessment methods and criteria:** Written exam on general exams of Geography.

**Grading:** 1–5.

**Person responsible:** Juha Ridanpää

**Other information:** –

**Language of instruction:** Finnish and English.

**Work placements:** No.

### **790346A Substituting written exam (Phy.g)**

Korvaava kirjatentti (LM-ET)

**Language of instruction:** Only in Finnish

### **790347A Book exam**

Kirjatentti

**Language of instruction:** Only in Finnish

**790348A Substituting written exam (Hum.g)**

Korvaava kirjatentti (KM-ET)

**Language of instruction:** Only in Finnish

**790349A World regional geography**

Maapallon aluemaantiede (title in Finnish)

**ECTS Credits:** 4

**Timing:** 2nd or 3rd year, 1st or 2nd semesters (autumn or spring semesters)

**Learning outcomes:** After the course, the student can define and interpret different regional phenomena and processes in the global level.

**Contents:** Regional phenomena of the world and their role in Physical Geography.

**Mode of delivery:** Book exam.

**Learning activities and teaching methods:** Book exam.

**Target group:** Obligatory to the teachers, other voluntary.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course is part of the minor studies of geography.

**Recommended or required reading:** De Blij, H.D & P.O. Muller (2007). Concepts and Regions in Geography (Except chapters "Introduction" and "Europe"). 3rd edition.

**Assessment methods and criteria:** Written exam on general exams of Geography.

**Grading:** 1–5.

**Person responsible:** Miia Parviainen

**Other information:** –

**Language of instruction:** Finnish and English (Book exam can be written in Finnish or in English. In-form of language in signing in of exam.)

**Work placements:** No.

**790350A Special themes in regional development and regional policy**

Aluekehityksen ja aluepolitiikan erityisteemat (title in Finnish)

**ECTS Credits:** 5

**Timing:** 2nd or 3rd year, 1st or 2nd semesters (autumn or spring semesters)

**Learning outcomes:** The student can explain the meaning of economy, innovation system and expertise as part of regional development and regional policy.

**Contents:** The role of economy, innovation and expertise in regional development.

**Mode of delivery:** Book exam.

**Learning activities and teaching methods:** Book exam.

**Target group:** Obligatory for students of regional development and regional policy, others voluntary.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** –

**Recommended or required reading:** Cooke, P., C.De Laurentis, F. Tödtling & M. Trippel (2007). Regional knowledge economics. Markets, clusters and innovation. Edward Elgar Publishing, Cheltenham.

**Assessment methods and criteria:** Written exam on general exams of Geography.

**Grading:** 1–5.

**Person responsible:** Johanna Hautala

**Other information:** –

**Language of instruction:** Finnish and English. (Book exam can be written in Finnish or in English. Indication when signing in for exam.)

**Work placements:** No.

**791302A Environment and Society**

Ympäristö ja yhteiskunta (title in Finnish)

**ECTS Credits:** 5

**Timing:** 2nd year, 1st semester (autumn semester)

**Learning outcomes:** Student is able to define and interpret different normative systems of the environmental conservation, environmental organisations as part of the environmental issues.

**Contents:** Environmental steering systems and their functions. Seminar concentrates especially to the up-to-date questions of the environmental problems (resources, northern environmental problems and international cooperation in environmental issues).

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** Lectures and seminar work.

**Target group:** Voluntary.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course is part of minor studies of Environment protection.

**Recommended or required reading:** Will be announced later.

**Assessment methods and criteria:** Written exam on general exams of Geography and written seminar work.

**Grading:** 1–5.

**Person responsible:** Jarmo Rusanen

**Other information:** Exam can be written also in Finnish.

**Language of instruction:** Finnish and partly in English. English speaking students are asked to contact prof. Rusanen before the course.

**Work placements:** No.

### **791635A Physical Geography of Fennoscandia**

Fennoskandian luonnonmaantiede (title in Finnish)

**ECTS Credits:** 2

**Timing:** 2nd or 3rd year, 1st or 2nd semesters (autumn or spring semesters)

**Learning outcomes:** Course familiarizes students to the geography of the Fennoscandia. When the student has passed the written exam, he/she can define the special characters of the physical geography of Fennoscandia.

**Contents:** Physical geography of the Fennoscandia.

**Mode of delivery:** Book exam.

**Learning activities and teaching methods:** Book exam.

**Target group:** Obligatory for teachers, others voluntary.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course is part of minor studies of Geography.

**Recommended or required reading:** Seppälä, Matti (ed.) (2005). Physical Geography of Fennoscandia, 1st ed. 432 s. Oxford University Press (chapters 2–11 and 20–23).

**Assessment methods and criteria:** Written exam on general exams of Geography.

**Grading:** 1–5.

**Person responsible:** Miia Parviainen

**Other information:** –

**Language of instruction:** Finnish and English.

**Work placements:** No.

### **792301A Regional development and regional policy in theory and in practice**

Alueellinen kehittämien ja suunnittelu teoriassa ja käytännössä (title in Finnish)

**ECTS Credits:** 5

**Timing:** 2nd year, 1st semester (autumn semester)

**Learning outcomes:** After the course, the student can critically interpret the viewpoints of different interest groups in the field of regional development and regional policy. The student can define the basics of the discourse in the theory of the research field and he/she can express his/her opinion about regional development and regional policy by participating to the critical debate. His/her arguments are based on up-to-date discourses.

**Contents:** The aim is to interpret regional development and planning from the viewpoints of the different interest groups, and to deal with those viewpoints in a critical way. Course literature is based on latest articles and books that take a look at new and practical questions of the study field.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** 20 hours study circle.

**Target group:** Obligatory for students of the regional development and regional policy, others voluntary.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course is part of minor studies of regional development and regional policy.

**Recommended or required reading:** Pike, A. Rodriguez-Pose, A. & J. Tomaney (2006). Local and Regional Development. Routledge, London.

**Assessment methods and criteria:** Participation to study circle is obligatory.

**Grading:** 1–5.

**Person responsible:** Katri Suorsa

**Other information:** –

**Language of instruction:** Finnish and partly in English.

**Work placements:** No.

### **792319A Regional politics, policy and development: Northern Europe**

Aluekehitys ja -politiikka: Pohjoinen Eurooppa (title in Finnish)

**ECTS Credits:** 5

**Timing:** 2nd year, 1st semester (autumn semester)

**Learning outcomes:** The student can categorise and assort basic theories, concepts and models in regional development and regional policy. He/she is able to discuss based on theories, concepts and models, and he/she is able to recognise those from scientific readings. The student also recognises the challenges and special characters of regional development and regional policy in Northern Europe.

**Contents:** Theories, concepts and models of regional development and regional policy and their relation to practical actions, challenges and decision making.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** 12 hours study circle and 8 hours seminar working.

**Target group:** Obligatory for the students of regional development and regional policy, others voluntary.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course is part of minor studies of regional development and regional policy.

**Recommended or required reading:** To be announced later (book and articles).

**Assessment methods and criteria:** Obligatory participation to study circles and to seminar.

**Grading:** 1–5.

**Person responsible:** Eeva-Kaisa Prokkola

**Other information:** If needed, other study circle can be only in English.

**Language of instruction:** Finnish and partly in English.

**Work placements:** No.

## **Master of Science (MSc), major: Geography**

### **ADVANCED STUDIES**

#### **Courses in English (8 courses):**

##### **791610S Final exam**

Loppuentti (title in Finnish)

**ECTS Credits:** 5

**Language of instruction:** Finnish and English.

##### **791619S Master Thesis**

Pro gradu -tutkielma (title in Finnish)

**ECTS Credits:** 30

**Language of instruction:** Finnish, Swedish, English or other possible language which is agreed with professors.

##### **791637S Special research course in Geography**

Erikoistumisjakso (title in Finnish)

**ECTS Credits:** 5

**Language of instruction:** Finnish or English.

##### **791627S Research in regional geography**

Aluemaantieteellinen teoria ja käytäntö (title in Finnish)

**Scope:** 5

**Language of instruction:** Finnish or English.

##### **791632S Sustainable tourism and environment**

Kestävä kehitys ja globaali matkailutalous (title in Finnish)

**ECTS Credits:** 5

**Language of instruction:** Finnish and English.

##### **791629S Traditions and current issues in tourism research**

Matkailututkimuksen traditiot ja erityiskysymyksiä (title in Finnish)

**ECTS Credits:** 5

**Language of instruction:** Finnish or English.

##### **791622S Tourism, culture and regional images**

Matkailu, paikallisuus ja alueelliset mielikuvat (title in Finnish)

**ECTS Credits:** 5

**Language of instruction:** Finnish or English.

##### **791633S International lectures**

Kansainvälinen luentosarja (title in Finnish)

**ECTS Credits:** 2

**Language of instruction:** Finnish or English.

## Description of all courses (Advanced level):

### Common courses to the all students in Geography:

#### **79160IS History and philosophy of geography**

Maantieteen historia ja filosofia

**Language of instruction:** Only in Finnish

#### **791639S Quantitative research methods in geography**

Kvantitatiiviset tutkimusmenetelmät maantieteessä

**Language of instruction:** Only in Finnish

#### **791610S Final exam**

Loppuentti (title in Finnish)

**ECTS Credits:** 5

**Timing:** (1st or) 2nd year, 1st or 2nd semesters (autumn or spring semesters)

**Learning outcomes:** After the exam of this course, the student can define, interpret and evaluate thoughtfully about his/her field of specialisation and its research traditions, contemporary themes of research and future prospects. Recommended or required readings will deepen students' geographical knowledge in his/her special field ("home module").

**Contents:** Written exam on readings that are related to the Master thesis.

**Mode of delivery:** Book exam.

**Learning activities and teaching methods:** Book exam.

**Target group:** Obligatory to all students in Geography.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** –

**Recommended or required reading:** See notice boards or contact your own professor.

**Assessment methods and criteria:** Written exam on general exams of Geography.

**Grading:** 1–5.

**Person responsible:** Professors

**Other information:** Final exam must be executed from the same module in which the student is going to make Master thesis.

**Language of instruction:** Finnish and English.

**Work placements:** No.

#### **791631S Seminar in master's thesis**

Pro gradu -seminaari

**Language of instruction:** Only in Finnish

#### **791619S Master Thesis**

Pro gradu -tutkielma (title in Finnish)

**ECTS Credits:** 30

**Timing:** (1st or) 2nd year, 1st or 2nd semesters (autumn or spring semesters)

**Learning outcomes:** Indicates that the student is able to carry out demanding and independent academic research work. Thesis shows that the student can write a Thesis which are based on material that he/she has studied and on basic concepts and phenomena of his/her field of specialization. In the Thesis the student can use the most central research methods, and can classify, analyse and evaluate his/her knowledge in relation to the tradition of the research field. The Thesis shows that the student can make accurate conclusions about the studied phenomena and he/she reflects those in relation to research tradition. Thesis are based on latest aspects of the field and also develops new research subjects and questions.

**Contents:** The Thesis will deal with the subject that is approved by professor or other supervisor. The student will take part to Seminar (I, II, III) in Master Thesis (791631S).

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** Independent research report.

**Target group:** Obligatory to all students in Geography.

**Prerequisites and co-requisites:** Recommendation: all the Basic and Intermediate studies are finished and main part of Advanced studies are finished.

**Recommended optional programme components:** –

**Recommended or required reading:** –

**Assessment methods and criteria:** Written Thesis.

**Grading:** The Thesis will approve and grades the Departmental Council of the Department of Geography, 1–5.

**Person responsible:** Professors

**Other information:** –

**Language of instruction:** Finnish, Swedish, English or other possible language which is agreed with professors.

**Work placements:** Yes. The Thesis may be carried out in wider research or development project.

## **Modules of the fields of specialization (Advanced level):**

### **Module of Regional Development and Regional Policy**

**Recommended order of the performance:**

#### **791643S Urban and rural areas and dynamics of regional structure**

Kaupunki, maaseutu ja aluerakenteen dynamiikka

**Language of instruction:** Only in Finnish

#### **792641S Research and application of regional politics, policy and development**

Alueellisen kehityksen ja aluepolitiikan tutkimus ja soveltaminen

**Language of instruction:** Only in Finnish

#### **791642S Regional politics, policy and development: Advanced themes**

Aluekehitys ja -politiikka: syventävät teemat

**Language of instruction:** Only in Finnish

#### **791637S Special research course in Geography**

Erikoistumisjakso (title in Finnish)

**ECTS Credits:** 5

**Timing:** 1st or 2nd semester

**Learning outcomes:** The student will deepen and develop his/her geographical knowledge through literature or through empirical study. More exact learning outcomes is based on method of implementation of the course (agreed with professor).

**Contents:** This course serves the specialization of the student. After the course, the student has deepened his/her knowledge and experience in his/her field of specialization.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** This course may be performed by different ways. The student can: to make another final exam from other module; to carry out some other course from other module; work as research assistant; to make virtual course related to his/her field; to make manuscript based on his/her Master Thesis. Ways of performance can be discussed with professor.

**Target group:** Students of each module.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course can be selected from another module of advanced studies of Geography.

**Recommended or required reading:** Will be agreed with professor.

**Assessment methods and criteria:** Written exam on general exams of Geography or other way of performance.

**Grading:** 1–5.

**Person responsible:** Professors

**Other information:** –

**Language of instruction:** Finnish or English.

**Work placements:** Yes. Working in research or development projects gives completion for working after graduation.

## **Module of the Geoinformatics**

### **Recommended order of the performance:**

#### **791613S Remote sensing for land use studies**

GPS-paikannus ja paikannuspalvelut (LBS)

**Language of instruction:** Only in Finnish

#### **792618S Project work in GIS and remote sensing (RS)**

GIS- ja RS- projektityö

**Language of instruction:** Only in Finnish

#### **792617S GIS Methods in Research**

GIS-analysimenetelmät tutkimuksessa

**Language of instruction:** Only in Finnish

#### **791637S Special research course in Geography**

Erikoistumisjakso (title in Finnish)

**ECTS Credits:** 5

**Timing:** 1st or 2nd semester

**Learning outcomes:** The student will deepen and develop his/her geographical knowledge through literature or through empirical study. More exact learning outcomes is based on method of implementation of the course (agreed with professor).

**Contents:** This course serves the specialization of the student. After the course, the student has deepened his/her knowledge and experience in his/her field of specialization.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** This course may be performed by different ways. The student can: to make another final exam from other module; to carry out some other course from other module; work as research assistant; to make virtual course related to his/her field; to make manuscript based on his/her Master Thesis. Ways of performance can be discussed with professor.

**Target group:** Students of each module.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course can be selected from another module of advanced studies of Geography.

**Recommended or required reading:** Will be agreed with professor.

**Assessment methods and criteria:** Written exam on general exams of Geography or other way of performance.

**Grading:** 1–5.

**Person responsible:** Professors

**Other information:** –

**Language of instruction:** Finnish or English.

**Work placements:** Yes. Working in research or development projects gives completion for working after graduation.

## **Module of the Human Geography**

### **Recommended order of the performance:**

#### **791621S Political geography**

Poliittinen maantiede (title in Finnish)

**Other information:** Course is organized on uneven years. Next period is semester 2, 2013 (Spring semester 2013).

**Language of instruction:** Finnish and English.

#### **791627S Research in regional geography**

Aluemaantieteellinen teoria ja käytäntö (title in Finnish)

**Scope:** 5

**Timing:** 1.–2. year, 2nd semester

**Learning outcomes:** The student can interpret the latest discourse of the regional geography and participate to it by connecting his/her own study to the discussed issues.

**Contents:** The course focuses on the contemporary issues of new regional geography.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** Study circle, presentations, book exam.

**Target group:** Students in Human and Cultural Geography.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** –

**Recommended or required reading:** Will be announced in beginning of the course.

**Assessment methods and criteria:** Written exam on general exams of Geography.

**Grading:** 1–5.

**Person responsible:** Petri Hottola

**Other information:** Course is organized on even years. Next period is semester 2, 2012 (Spring semester 2012).

**Language of instruction:** Finnish or English.

**Work placements:** No.

#### **791640S Contemporary themes in Social Geography**

Sosiaalimaantieteen nykYTEEMOJA

**Language of instruction:** Only in Finnish

#### **791637S Special research course in Geography**

Erikoistumisjakso (title in Finnish)

**ECTS Credits:** 5

**Timing:** 1st or 2nd semester

**Learning outcomes:** The student will deepen and develop his/her geographical knowledge through literature or through empirical study. More exact learning outcomes is based on method of implementation of the course (agreed with professor).

**Contents:** This course serves the specialization of the student. After the course, the student has deepened his/her knowledge and experience in his/her field of specialization.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** This course may be performed by different ways. The student can: to make another final exam from other module; to carry out some other course from other module; work as research assistant; to make virtual course related to his/her field; to make manuscript based on his/her Master Thesis. Ways of performance can be discussed with professor.

**Target group:** Students of each module.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course can be selected from another module of advanced studies of Geography.

**Recommended or required reading:** Will be agreed with professor.

**Assessment methods and criteria:** Written exam on general exams of Geography or other way of performance.

**Grading:** 1–5.

**Person responsible:** Professors

**Other information:** –

**Language of instruction:** Finnish or English.

**Work placements:** Yes. Working in research or development projects gives completion for working after graduation.

## **Module of the Physical Geography**

**Recommended order of the performance:**

**791624S Research in northern environment**

**Pohjoisen luonnon tutkimus**

**Language of instruction:** Only in Finnish

**791626S Special themes of methodology in Physical Geography**

**Metodisia erityiskysymyksiä luonnonmaantieteessä**

**Language of instruction:** Only in Finnish

**791636S Remote sensing in Physical Geography**

**Kaukokartoitus luonnonmaantieteessä**

**Language of instruction:** Only in Finnish

**791637S Special research course in Geography**

**Erikoistumisjakso (title in Finnish)**

**ECTS Credits:** 5

**Timing:** 1st or 2nd semester

**Learning outcomes:** The student will deepen and develop his/her geographical knowledge through literature or through empirical study. More exact learning outcomes is based on method of implementation of the course (agreed with professor).

**Contents:** This course serves the specialization of the student. After the course, the student has deepened his/her knowledge and experience in his/her field of specialization.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** This course may be performed by different ways. The student can: to make another final exam from other module; to carry out some other course from other module; work as research assistant; to make virtual course related to his/her field; to make manuscript based on his/her Master Thesis. Ways of performance can be discussed with professor.

**Target group:** Students of each module.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course can be selected from another module of advanced studies of Geography.

**Recommended or required reading:** Will be agreed with professor.

**Assessment methods and criteria:** Written exam on general exams of Geography or other way of performance.

**Grading:** 1–5.

**Person responsible:** Professors

**Other information:** –

**Language of instruction:** Finnish or English.

**Work placements:** Yes. Working in research or development projects gives completion for working after graduation.

## **Module of the Tourism geography**

### **Recommended order of the performance:**

#### **791632S Sustainable tourism and environment**

Kestävä kehitys ja globaali matkailutalous (title in Finnish)

**ECTS Credits:** 5

**Timing:** 1st year, 2nd semester (spring semester)

**Learning outcomes:** Following completion of the course the learner will be able to: know the definitions, origins and evolution of globalisation and sustainable development; apply the principles and theories which underpin the different forms of tourism, globalisation and sustainability; demonstrate an understanding of the complex relations between tourism and sustainable development in global contexts; explain the role played by international, national and regional tourism organisations in the global tourism development; evaluate the role and impacts of tourism in local-global nexus; compare the role and importance of tourism in developed and developing countries, urban and rural settings and nature-based and cultural tourism; critique the major global forces that are shaping future tourism and its relation sustainability; and demonstrate competencies in oral and written presentations and ability to critically evaluate others' viewpoints.

**Contents:** Definitions and key concepts and ideas of tourism, globalisation and sustainable development and their relations; theories of development/under-development and globalisation; political economy of global tourism and sustainability; local-global nexus and globalisation from below; international, regional and national tourism organizations; global tourism; regional structures and development; impacts of tourism in local-global nexus and different socio-spatial contexts; and tourism-globalisation-sustainability: case studies focusing north and south.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** 20 hours lectures, written report and presentation.

**Target group:** Especially students in Tourism Geography, and Human Geography and teachers.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** –

**Recommended or required reading:** Literature: Mowforth, M. ja I. Munt (2009). *Tourism and Sustainability*; Selection of articles: (to be announced during the course); Other readings: Holden, A. (2008). *Environment and tourism*; Saarinen, J., Becker, F., Manwa, H. ja D. Wilson (toim.) (2009). *Sustainable Tourism and Southern Africa*; Sharpley, R. ja D.J. Telfer (2002). *Tourism and Development*.

**Assessment methods and criteria:** Written report and exam on general exams of Geography.

**Grading:** 1–5.

**Person responsible:** Jarkko Saarinen

**Other information:** Course is organized on even years. Next time course will be on Semester 2, 2012 (Spring semester 2012).

**Language of instruction:** Finnish and English.

**Work placements:** No.

#### **791629S Traditions and current issues in tourism research**

Matkailututkimuksen traditiot ja erityiskysymyksiä (title in Finnish)

**ECTS Credits:** 5

**Timing:** 1st year, 2nd semester (spring semester)

**Learning outcomes:** Following completion of the course the learner will be able to deepen her/his knowledge on the research tradition and current issues in tourism geographies and studies based on the visiting scholars' and PhD students' lectures and demonstrations. The course will provide insights to students on timely issues in tourism research, development, planning and/or management, and the learner will be able to: know and describe the basic concepts and theories of lecture/course subjects; evaluate the importance of lecture/course subjects; contextualise and integrate lecture/course subjects to Finnish or other

specific regional context; and demonstrate competencies in oral and written presentations, teamwork and ability to critically evaluate others' viewpoints.

**Contents:** Key theories, concepts and perspectives introduced during the course and based on the introduced cases studies.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** Lectures 20 hours, study diary and exam or report.

**Target group:** Especially students of Tourism Geography.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** –

**Recommended or required reading:** Will be announced when the course starts.

**Assessment methods and criteria:** Written exam on general exams of Geography and making study diary.

**Grading:** 1–5.

**Person responsible:** Jarkko Saarinen.

**Other information:** This course will be organized uneven years. Next time this course will be in semester 2, 2013 (or, if possible in every year). Alternatively, this course may be performed by case study based on recent literary and its written and oral presentation.

**Language of instruction:** Finnish or English.

**Work placements:** No.

### **791622S Tourism, culture and regional images**

Matkailu, paikallisuus ja alueelliset mielikuvat (title in Finnish)

**ECTS Credits:** 5

**Timing:** 1st or 2nd year, 2nd semester (spring semester).

**Learning outcomes:** Following completion of the course the learner will be able to: describe the principles, concepts, practices, and theories related to the interplay between tourism, development and local communities and cultures; recognise the issues of authenticity and commodification in tourism and related regional images; and demonstrate competencies in oral and written presentations, teamwork and ability to critically evaluate others' viewpoints.

**Contents:** Definitions and key concepts and ideas of tourism development, local and indigenous communities and cultures and their relations; the roles of tourism and local cultures in development; social and cultural impacts of tourism; heritage tourism; authenticity, regional images and representations, transformations in tourism development; and cases studies on tourism and local cultures/communities.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** Lectures 16 hours, study circle and written report.

**Target group:** Especially students of Tourism Geography.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** –

**Recommended or required reading:** Will be announced when the course starts. Other readings: Butler, R. & T. Hinch (eds.) (2007). *Tourism and Indigenous Peoples*.

**Assessment methods and criteria:** Making a written report and exam on general exams of Geography.

**Grading:** 1–5.

**Person responsible:** Jarkko Saarinen

**Other information:** Course will be organized even years. Next time this course will be on semester 2, 2012.

**Language of instruction:** Finnish or English.

**Work placements:** No.

### **791637S Special research course in Geography**

Erikoistumisjakso (title in Finnish)

**ECTS Credits:** 5

**Timing:** 1st or 2nd semester

**Learning outcomes:** The student will deepen and develop his/her geographical knowledge through literature or through empirical study. More exact learning outcomes is based on method of implementation of the course (agreed with professor).

**Contents:** This course serves the specialization of the student. After the course, the student has deepened his/her knowledge and experience in his/her field of specialization.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** This course may be performed by different ways. The student can: to make another final exam from other module; to carry out some other course from other module; work as research assistant; to make virtual course related to his/her field; to make manuscript based on his/her Master Thesis. Ways of performance can be discussed with professor.

**Target group:** Students of each module.

**Prerequisites and co-requisites:** –

**Recommended optional programme components:** Course can be selected from another module of advanced studies of Geography.

**Recommended or required reading:** Will be agreed with professor.

**Assessment methods and criteria:** Written exam on general exams of Geography or other way of performance.

**Grading:** 1–5.

**Person responsible:** Professors

**Other information:** –

**Language of instruction:** Finnish or English.

**Work placements:** Yes. Working in research or development projects gives completion for working after graduation.

## **Other optional courses in Advance studies:**

### **791616S Practical training**

Harjoittelu

**Language of instruction:** Only in Finnish

### **791633S International lectures**

Kansainvälinen luentosarja (title in Finnish)

**ECTS Credits:** 2

**Timing:** 1st or 2nd year, 1st or 2nd semesters

**Learning outcomes:** With international lectures the student can evaluate and compare different research fields of geography.

**Contents:** The aim of the course is to integrate the visiting scholars' (Erasmus or other) teaching to the teaching. International lectures give wider picture about research and teaching of Geography in other countries and traditions.

**Mode of delivery:** Face-to-face learning.

**Learning activities and teaching methods:** Students must take part to seven (7) lectures which are 1–2 hours per each. Based on those lectures, the student will make a report in Finnish or in English. Lectures can be collected during several years. However, if certain lecture is part of his/her normal or obligatory studies in Geography, it cannot be combined to this course.

**Target group:** Voluntary.

**Recommended optional programme components:** This course may include lectures from other courses or departments.

**Assessment methods and criteria:** Study diary based on lectures.

**Grading:** Pass / failed

**Person responsible:** Topiantti Äikäs

**Other information:** –

**Language of instruction:** Finnish or English.

**Work placements:** No.