

# Opasraportti

## LUTK- Geography 2010-2011 (2010 - 2011)

### Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

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 791628S: Advanced course on tourism research, 3 op  
 791625S: Analysis and interpretation of the material in physical geography, 7 op  
 790347A: Book exam, 5 op  
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 030005P: Information Skills, 1 op  
 791633S: International lectures, 2 op  
 790141P: Introduction to Regional Development and Regional Policy, 5 op  
 790104P: Introduction to systematic Human Geography, 5 op  
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 790102P: Introduction to the systematic Physical Geography, 5 op  
 790160A: Introduction to tourism geography, 5 op  
 790106A: Introductory course of regional geography, 5 op  
 792611S: Knowledge, technology and regional development, 3 op  
 792699S: Maturity test, 0 op  
 791699S: Maturity test, 0 op  
 790399A: Maturity test, 0 op  
 791626S: Methodological special themes in Physical Geography, 5 op  
 792605S: Methods and applications in regional planning, 12 op  
 791612S: Methods of geographical research, 2 op

791638S: Methods of quantitative research in human geography, 5 op  
 790050Y: Orientation, 2 op  
 791635A: Physical Geography of Fennoscandia, 5 op  
 791621S: Political geography, 5 op  
 791613S: Position based analyses and services in geography, 5 op  
 792614S: Practical training, 3 op  
 791616S: Practical training, 5 op  
 792616S: Pro gradu thesis, 30 op  
 791619S: Pro gradu thesis (Master Thesis), 30 op  
 790326A: Qualitative research methods, 5 op  
 791639S: Quantitative research methods in Geography, 5 op  
 792301A: Regional development and regional policy in theory and in practise, 5 op  
 791642S: Regional politics, policy and development: Advanced themes, 5 op  
 792319A: Regional politics, policy and development: Northern Europe, 5 op  
 791620S: Remote sensing for land use studies, 5 op  
 791636S: Remote sensing in Physical Geography, 5 op  
 791634S: Remote sensing in land cover mapping, 3 op  
 791641S: Research and application of regional politics, policy and development, 5 op  
 791624S: Research in northern environment, 5 op  
 791627S: Research in regional geography, 5 op  
 790323A: Scientific writing in geography, 5 op  
 791631S: Seminar in master's thesis, 5 op  
 792615S: Seminar in master's thesis, 3 op  
 791637S: Special research course in Geography, 5 op  
 790305A: Special themes in Human Geography, 5 op  
 790303A: Special themes in Physical Geography, 5 op  
 790350A: Special themes in Regional Development and Regional Policy, 5 op  
 790346A: Substituting written exam, 5 op  
 790348A: Substituting written exam, 5 op  
 791632S: Sustainable development and global tourism, 5 op  
 791611S: Thesis (+ two seminars), 36 op  
 790351A: Thesis of BSc (Bachelor of Science), 10 op  
 790318A: Tourism and culture, 3 op  
 790320A: Tourism planning and development, 5 op  
 790161A: Tourism, sustainability and environment, 5 op  
 791629S: Traditions and current issues in tourism research, 5 op  
 792610S: Transformation of urban space, 3 op  
 790051Y: Tutoring, 2 op  
 791643S: Urban and rural areas and dynamics of regional structure, 5 op  
     *Compulsory*  
         791643S-01: Urban and rural areas and dynamics of regional structure, exercises, 0 op  
         791643S-02: Urban and rural areas and dynamics of regional structure, lectures, 0 op  
 792613S: Urban studies and urban policy, 5 op  
 790349A: World regional geography, 5 op

## Opintojaksojen kuvaukset

### Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

#### **790342A: Advanced course in GIS, 5 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Rusanen Jarmo Juhani

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

7 cr

**Timing:**

BSc, 2nd year (autumn)

**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:**

This course considers the basics of the geographical information system (GIS) and applications produced with the ARC/INFO program. It also deals with the use of the SAS607 program for regional research. The aim of the course is to give students a good command of the basics of GIS and applications in Arc/Info software package, along with the basic quantitative methods in geographical materials.

**Learning activities and teaching methods:**

2 h lectures, preliminary seminar (10 h) and 70 h demonstrations.

**Target group:**

Compulsory course.

**Recommended or required reading:**

Antikainen, H. & Hiltula, J. (2007). GIS ja kvantitatiiviset menetelmät. Johdatus ArcGIS 9.2 -ohjelmiston käyttöön.

**Person responsible:**

Professor Rusanen (lectures), Antikainen (demonstrations)

## **791628S: Advanced course on tourism research, 3 op**

**Voimassaolo:** - 31.07.2011

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 cr

**Timing:**

MSc, semester 1 and 2

**Learning outcomes:**

Student focuses on the geographical research of tourism based on a selective course or special lectures. The student can also deepen the knowledge of tourism geographies by seminar work (a reading group) with research training and task.

Alternatively the course can be combined with 791629S and organised as domestic or international field course and/or excursion.

**Learning activities and teaching methods:**

Selective special lectures or seminar work/reading group.

**Recommended or required reading:**

Will be announced when the course starts.

**Person responsible:**

Professor Saarinen

seminar/reading group Löytynoja

## **791625S: Analysis and interpretation of the material in physical geography, 7 op**

**Voimassaolo:** - 31.07.2011

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

7 cr

**Learning outcomes:**

After this course students are able to choose right method for processing the material, set hypothesis, analyze the material with different kind of quantitative method and interpret the result critically. Students also know how to use the SPSS programme. Moreover, students know how to illustrate regional phenomenon in the cartographical way (MapInfo - program).

**Contents:**

The aim of this course is to familiarize students with different kinds of methods to analyse research material in quantitative way (with SPSS for Windows - program). Course also helps students to make conclusions from the outcome.

**Learning activities and teaching methods:**

Lectures, exercises, practical work and exam.

**Recommended optional programme components:**

Previous studie in statistics.

**Recommended or required reading:**

Will be informed in the beginning of the course

**Person responsible:**

Varanka

## 790347A: Book exam, 5 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Required proficiency level:**

Book exam only for students with fluent skills in Finnish.

**ECTS Credits:**

3 ECTS

**Language of instruction:**

Only in Finnish

**Other information:**

(update 10/2010)

## 791630S: Book exam geoinformatic, 3 - 5 op

**Voimassaolo:** - 31.07.2020

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Rusanen Jarmo Juhani

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

Ei opintojaksokuvauksia.

## 792608S: Changing rural areas, 3 op

**Voimassaolo:** - 31.12.2011

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Muilu, Toivo Antero

**Opintokohteen kielet:** Finnish

### **Contents:**

To give an idea of the countryside for students, especially from the viewpoint of remote and marginal rural areas in the European Union, like those found in northern Finland. The key concepts of the course are dynamics of rural areas from human viewpoint and rural policies trying to affect for the negative changes in rural areas in EU and Finland.

### **Learning activities and teaching methods:**

16 hours lectures, of which first 6 hours are given in English. For foreign students some extra selected articles will be given for the examination.

### **Recommended or required reading:**

Moseley, Malcolm J. (2003). Rural development, principles and practice. Sage Publications (for both Finnish and foreign students).

### **Person responsible:**

Muilu

## 752321A: Conservation of Biodiversity, 3 op

**Voimassaolo:** - 31.07.2015

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Biology

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Jari-Heikki Oksanen

### **Opintokohteen oppimateriaali:**

**Kuuluvainen, T.,** , 2004

**Walls, M. & Rönkä, M.,** , 2004

**Tiainen et al.,** , 2004

**Opintokohteen kielet:** Finnish

### **Leikkaavuudet:**

756347A Conservation of biodiversity 5.0 op

ay752321A Conservation of Biodiversity (OPEN UNI) 3.0 op

### **ECTS Credits:**

3 cr.

### **Language of instruction:**

English.

### **Timing:**

B.Sc. 3<sup>rd</sup> autumn. NNE.

### **Learning outcomes:**

Students know the central concepts of biodiversity, threats to biodiversity, and methods of conservation of biodiversity.

### **Contents:**

Biodiversity and its components. Major theories of the ecological control of biodiversity. Habitat fragmentation and habitat destruction and their consequences. Metapopulation theory and networks of nature reserves. Current issues in the conservation of biodiversity.

### **Learning activities and teaching methods:**

14 h lectures, literature, final exam.

**Recommended or required reading:**

Hanski I. 2005: The Shrinking World. International Ecology Institute, Oldendorf/Luhe, Germany.

**Assessment methods and criteria:**

Exam.

**Grading:**

1-5 / Fail.

**Person responsible:**

Prof. Jari Oksanen.

**791640S: Contemporary themes in Social Geography, 5 op**

**Voimassaolo:** 01.08.2010 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**792604S: Courses from a supporting field, 5 - 8 op**

**Voimassaolo:** - 31.07.2011

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**Learning outcomes:**

Lecture series, course or literature that deepens student's knowledge on applied geography and regional planning.

**Learning activities and teaching methods:**

Special course/literature

**Person responsible:**

Docent, special course teacher

**795600S: Courses taken abroad, 0 - 25 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**Learning outcomes:**

Courses that have been taken aboard.

**795300A: Courses taken abroad, 0 - 25 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**Learning outcomes:**

Courses taken aboard (Erasmus-programme etc).

**795301A: Courses taken at other universities and colleges, 0 - 60 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**Learning outcomes:**

Courses taken at another university/college.

**795601S: Courses taken at other universities and colleges, 0 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**Learning outcomes:**

Courses taken at another university/college.

**795101P: Courses taken at other universities and colleges, 0 - 60 op**

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

Ei opintojaksokuvauksia.

**790306A: Developing of remote rural areas, 6 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Muilu, Toivo Antero

**Opintokohteen kielet:** Finnish

**Status:**

Course is a part of Rural Studies -network (see: other information)

**ECTS Credits:**

5 cr

**Language of instruction:**

Finnish

**Timing:**

BSc, 2nd-3rd year (autumn, semester 1)

**Contents:**

Students who have completed this course successfully will understand basics of regional differentiation in rural areas and measuring and analyzing of periphery in Finland and Europe. He/she will be able to understand and evaluate special characteristics, development problems, potentials and effects of policy measures from the viewpoint of remote rural areas.

**Learning activities and teaching methods:**

Course will be carried out in OPTIMA-studynetwork. 16 h lectures, 32 h directed and individual seminars, essay (ca. 10 pages)

**Target group:**

Optional (see: other information)

**Recommended or required reading:**

To be announced

**Person responsible:**

Professor Muilu (lectures, general management)

Assistant: seminars

**Other information:**

Course is part of Rural Studies -network studies (see: [www.ruralstudies.fi](http://www.ruralstudies.fi) > In English). According to resources, there can also be other geography students in the course. In that case it will be included to the student's transcript of record as optional or extra studies.

(up-date 08/2010/tä)

**791302A: Environment and society, 5 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Rusanen Jarmo Juhani

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay791302A Environment and society (OPEN UNI) 5.0 op

**ECTS Credits:**

4 cr

**Language of instruction:**

Finnish.

**Timing:**

BSc, 2 year (autumn).

**Learning outcomes:**

The aim of the course is to diversify the teaching in the Department of Geography and, simultaneous to improve students contacts to working life. Course "Environment and Society" is carried out since 2004 and according to the student response, the results have been very, very good.

**Learning activities and teaching methods:**

20 h Lectures (on weeks 42-43, 8.30-11.45 o'clock). Lectures: Ph.D. Pentti Åman and Professor Jarmo Rusanen.



The course will be carried out already 5th time with the Centres for Economic Development, Transport and the Environment (CEDTE-centre, ELY-keskus, in Finnish). Course is continuum for the Environmental Strategy of Northern Ostrobothnia which have started already in 2004. The Department of Geography has been involved in strategy making in many ways. The general themes of the course are from CEDTE-organisation.

In this year, there are two main themes:

1) Mapping of the local climate impacts, Local Climate Impact Profile, LCLIP. That is part of the wider CHAMP-project of the Environmental office of the Oulu Region.

2) Environmental impacts of the hurry. CEDTE-centre of Northern Otsrobotnia is in response about the thematic year of regional environmental consciousness in 2011 and the theme of that year is hurry.

Themes of the course are very actual and challenging.

**Target group:**

Optional.

**Recommended or required reading:**

Will be announced on the information board.

**Assessment methods and criteria:**

Lectures:

18.10.2010 Mon 08:30-12:00 Room: **klo 8-10** GO102, **klo 10-12** GO101 (Rusanen)

19.10.2010 Tue 08:30-12:00 Room: GO223 (Rusanen)

20.10.2010 Wed 08:30-12:00 Room: **klo 8-10** FY1120, **klo 10-12** GO101 (Rusanen)

26.10.2010 Tue 08:30-12:00 Room: MN101A (Åman)

27.10.2010 Wed 08:30-12:00 Room: GO223 (Åman)

28.10.2010 Thu 08:30-12:00 Room: GO223 (Åman)

29.10.2010 Fri 08:30-12.00 Room: GO102 (Åman)

Seminars:

Thu 23.9.2010, 14:14- (Info, GO227)

Exercise themes:

Fri 29.10.2010, 12:15-14:00, Room: GO102

Intermediate report of the Media analysis, Department of Geography

Fri 29.11.2010, 10:15-12:00, Room: GO102

Intermediate report of the focus groups, Department of Geography

Thu 2.12.2010, 9:00-13:00

Final seminar, CEDTE-centre of Oulu, Veteraanikatu 1

Students of the course, PowerPoint -presentations.

Fri 10.12.2010

Delivery of the seminar work (as Word document and PowerPoint presentation) by email to jarmo.rusanen@oulu.fi

**Grading:**

Seminar works will be evaluated normally (0-5).

**Person responsible:**

Professor Rusanen

**Other information:**

Students have to sign in by WebOodi no later than 17th of September. The first information of the course will be given in the meeting on Thursday, 23th of September. **FIRST INFO WILL BE HELD IN LECTURE ROOM GO227,**

**TIME: 14.00-16.00.**

## **792623S: Evaluation and Projects, 3 op**

**Voimassaolo:** - 31.07.2010

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Learning outcomes:**

Student knows the basics of evaluation of regional development and planning projects.

**Contents:**

Course introduces to the evaluation of impacts of regional development and planning. The methods of evaluation are discussed. Furthermore, planning of regional development projects in local, regional and national levels as well as EU-level is viewed.

It's aimed that part of lectures are held by experts.

**Person responsible:**

Docents, special course teacher.

### **790321A: Field course in Human Geography, 5 op**

**Voimassaolo:** 01.08.2006 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Language of instruction:**

Only in Finnish.

### **790310A: Field course in Physical Geography, 5 op**

**Voimassaolo:** - 31.07.2018

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

790324A Field course in Physical Geography 10.0 op

**ECTS Credits:**

7 cr

**Timing:**

2nd autumn

**Contents:**

Bedrock, soils, vegetation, water, air - by testing various natural elements and making field research the aim is to learn how these things are combined together. The key idea - how to read nature.

**Recommended or required reading:**

Selected articles.

**Person responsible:**

Senior assistant Koutaniemi

### **792612S: Final Exam, 6 op**

**Voimassaolo:** - 31.07.2011

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Learning outcomes:**

Student deepens the knowledge of the topic of Master's thesis

**Contents:**

2-3 books or series of articles to be agreed upon from the fields of applied geography, local and regional planning.

### **791610S: Final examination, 5 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

6 cr

**Contents:**

Student does a book examination on the theoretical and methodological aspects of tourism geographies.

**Person responsible:**

Professors

## **791614S: Final examination II, 4 - 6 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**Contents:**

Student does a book examination on general geography/GIS/tourism geographies related literature based on student's thesis topic. Alternatively part of the course can be done by participating to a special course which theme is related to the thesis topic. Student will participate minimum 14 seminar times and act as a public opponent for a seminar III with written opponent review

**Learning activities and teaching methods:**

Student reads a textbook and goes deeply one application subject in geography/GIS/tourism.

**Person responsible:**

Professors

## **791617S: Final examination III, 9 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**Contents:**

A written examination from optional sub-fields of geography. It is possible to substitute some of the book exams with lectures on geography or a field applicable to geography studies.

**Recommended or required reading:**

To agreed upon.

## **792617S: GIS Methods in Research, 5 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Rusanen Jarmo Juhani

**Opintokohteen kielet:** Finnish

**Learning outcomes:**

Student gets a wide view of the possibilities to utilise GIS in different research contexts

**Contents:**

Lectures are based on research, in which GIS and Finnish georeferenced data have been used

**Person responsible:**

Professor Rusanen

## 790101P: GIS-basics and Cartography, 5 op

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay790101P GIS-basics and Cartography (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**Learning outcomes:**

Basics of GIS science and theory of cartography

**Contents:**

Exercises (28 hours), notice: course will be arranged minimum of 3 student, book

**Recommended or required reading:**

Paul A Longley, Michael G Goodchild, David J. Maguire & David W. Rhind (2005). Geographic Information Systems and Science. 2<sup>nd</sup> edition. 516 p

**Person responsible:**

Professor Rusanen

## 790322A: Geographical Information and Research, 5 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

2 cr

**Timing:**

BSc, 1st year (autumn).

**Learning outcomes:**

The student will deepen his/her understanding about geographical information and research, and he/she will see the research as a part of society. The student will learn the correct practise in scientific research and the principles of copyrights.

**Contents:**

Communication in science, modes, channels and operation; searching of information, structure of a research paper, planning and writing; writing techniques, preparation of pictures and maps and graphs for a publication; basic knowledge of typography.

**Learning activities and teaching methods:**

12 h lectures, exam

**Target group:**

Compulsory course.

**Person responsible:**

Koutaniemi, Hottola, (open)

## 790340A: Geographies of global development, 5 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay790340A Geographies of global development (OPEN UNI) 5.0 op

**Required proficiency level:**

790152P Introduction to Geography

**ECTS Credits:**

3 ECTS

**Language of instruction:**

Exam can be written in Finnish or in English.

**Timing:**

BSc studies (semester 1 or 2)

**Learning outcomes:**

Students perceive different meanings related to the concept of development. She/he also understands how social and economic phenomena intertwine with underdevelopment and is able to compare the effectiveness of strategies aiming to reduce regional differences in development.

**Contents:**

This study module introduces theories, which aim to explain differences in development on a global scale. Underdevelopment and related social, cultural, and economic factors are introduced and discussed on national, regional and individual levels. The writer also presents programs and strategies, which have been initialized to further development in less advanced areas.

**Learning activities and teaching methods:**

Book exam.

**Target group:**

Optional.

**Recommended or required reading:**

Potter, R.B.T, T. Binns, J.A.Elliot & D.Smith (2004). Geographies of development.

**Assessment methods and criteria:**

Book exam on the exam day of the Geography.

**Person responsible:**

Ridanpää

## 792620S: Geoinformation, gps and mobile services, 3 op

**Voimassaolo:** - 31.07.2011

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Rusanen Jarmo Juhani

**Opintokohteen kielet:** Finnish

**Learning outcomes:**

Student knows how to utilise LBS in tourism, and other related applications.

**Contents:**

The theory of Location Based Services (LBS) and its applications.

**Learning activities and teaching methods:**

Lectures eight hours, brain storm working.

**Recommended or required reading:**

VirtualGIS pages

**Person responsible:**

Professor Rusanen

## 791601S: History and philosophy of geography, 5 op

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

4 cr

**Contents:**

The aim of the lectures is to give an overall view to geography as science, to teach geographical thinking, to give a view to some essential phases of geography's history and to introduce geography's present situation and challenges in the future. The contents of the seminar consist of different sub-fields of geography.

**Recommended or required reading:**

Holt-Jensen, A. (1988 or newer). Geography, Its History & Concepts; Livingstone, D. (1992). The geographical Tradition; Unwin, T. (1992). The Place of Geography

**Person responsible:**

Professor Karjalainen

## 030005P: Information Skills, 1 op

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Technology

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Sassali, Jani Henrik, Koivuniemi, Mirja-Liisa

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

030004P Introduction to Information Retrieval 0.0 op

**ECTS Credits:**

1 credit.

**Language of instruction:**

Finnish/English

**Timing:**

2nd or 3rd year.

**Learning outcomes:**

Students know the different phases of information retrieval process and basic techniques of scientific information retrieval. They will find the most important reference databases of their discipline and know how to evaluate information sources and retrieval results.

**Contents:**

Retrieval of scientific information, the retrieval process, key databases of the discipline, and evaluation of information retrieval and information sources.

**Learning activities and teaching methods:**

The course involves training sessions (8h), web-based learning materials, exercises in the Optima learning environment and a final assignment on a topic of the student's own choice.

**Recommended or required reading:**

Web-based learning material from Toolbox of Reseach (<https://wiki oulu.fi/display/tor/1.1+Finding+scientific+information>)

**Assessment methods and criteria:**

Passing the course requires participation in the training sessions and successful completion of the course assignments.

**Grading:**

pass/fail

**Person responsible:**

Science and Technology Library Tellus, tellustieto (at) oulu.fi

**Other information:**

<http://www.kirjasto.oulu.fi/index.php?id=738>

**791633S: International lectures, 2 op**

**Voimassaolo:** - 31.07.2020

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**790141P: Introduction to Regional Development and Regional Policy, 5 op**

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay790141P Introduction to planning geography (OPEN UNI) 5.0 op

**ECTS Credits:**

5 cr

**Language of instruction:**

Finnish

**Timing:**

BSc, 1st year (autumn)

**Learning outcomes:**

Students learn the central concepts of the regional policy and development research and practice. They understand the links and relations between regional development, politics and planning. They are familiar with the development of regional development and policy in Finland. The students learn the current spatial development and policy processes and the role of the EU and "globalization" in these processes.

**Contents:**

The course deals with regional development and planning through different empirical examples. It also discusses different scholarly theories of regional development and policy. Finally, the course introduces different levels of governance through which the regional development and policy processes are both funded and governed.

**Learning activities and teaching methods:**

20 h lectures, exam (including literature)

**Target group:**

Compulsory course for all geography majors

**Recommended or required reading:**

Jauhiainen, J. ja Niemenmaa, V. (2006). Alueellinen suunnittelu. Vastapaino, Tampere (excluding chapter 3).

**Person responsible:**

Professor Moisio

**Other information:**

This new course replaces the old course "Introduction to planning geography"

## 790104P: Introduction to systematic Human Geography, 5 op

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay790104P Introduction to systematic humangeography (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 cr

**Contents:**

Introduction to the development of human geography and to its current central issues. The central aim of this course is to define the distinctive characteristics of human geography, to lead students into human geographical interpretation and understanding of our environment, and to offer a preliminary introduction to different human geographical phenomena and systematic research fields. In the exercises students examine some human geographical problems by using empirical materials.

**Recommended or required reading:**

De Blij, H. (1996). Human Geography: Culture, Society, and Space. Jordan, T. & Domosh, M. & L. Rowntree (1994 or newer). The Human Mosaic: A Thematic Introduction to Cultural Geography (the parts announced in the lectures).

**Person responsible:**

Professor Karjalainen

## 790152P: Introduction to the discipline of Geography, 5 op

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Jan Hjort

**Opintokohteen oppimateriaali:**

Goudie, Andrew , , 1997

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay790152P Introduction to the discipline of geography (OPEN UNI) 5.0 op

**ECTS Credits:**

5 cr

**Language of instruction:**

Finnish

**Timing:**

BSc, 1st year (autumn, semester 1)

**Contents:**

Lectures offer an overall view of geography as a field of science by viewing the developmental history of geography and by looking at the different fields of geography and their contents, central concepts and research.

**Learning activities and teaching methods:**

24 h lectures, exam

**Target group:**

Compulsory course

**Recommended or required reading:**

- Goudie, A. & H. Viles (1997). The Earth transformed. An Introduction to Human Impacts on the Environment. 235 p.
- Crang, M. (1998). Cultural Geography. 213 p.

**Person responsible:**



**790102P: Introduction to the systematic Physical Geography, 5 op****Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Jan Hjort**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay790102P Introduction to the systematic physical geography (OPEN UNI) 5.0 op

**Voidaan suorittaa useasti:** Kyllä**ECTS Credits:**

5 cr

**Language of instruction:**

Finnish

**Timing:**

BSc, 1st year (spring, semester 1)

**Contents:**

The course provides the basics of the four main sub-branches of Physical Geography: geomorphology, climatology, hydrology and biogeography. The focus is on the lithosphere, atmosphere, hydrosphere and biosphere and their structures, functions and reciprocal relations and familiarisation with general regularities of nature's phenomena. With knowledge of these phenomena, the understanding and explaining of everyday occurrences in our environment become easier. The aim of the exercises is to familiarize students with the basics of individual observation and finding connections between different phenomena. By taking a part to a study circle (12 h) student can gain 6 credit points.

**Learning activities and teaching methods:**

24 h lectures, 56 h practicals, practical work, exam, study circle 6 x 2 h

**Target group:**

Compulsory course

**Recommended or required reading:**

Strahler, A.N. &amp; A.H. Strahler (2005). Physical Geography. Science and Systems of the Human Environment (Chapters 1, 5-7, 9, 13-20, 23).

**Person responsible:**

Professor Hjort

Practicals: PhD student in Physical Geography

Study circle: Part-time teachers

**Other information:**

The course can be completed in English

(up-date 08/2010/tä)

**790160A: Introduction to tourism geography, 5 op****Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Saarinen, Jarkko Juhani**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay790160A Introduction to tourism geography (OPEN UNI) 5.0 op

790160P Introduction to tourism 5.0 op

**ECTS Credits:**

5 cr

**Timing:**

1st year (autumn)

**Learning outcomes:**

Student will learn about the tourism phenomenon and its regional and development characteristics and impacts.

**Learning activities and teaching methods:**

16 h lectures, exam.

**Target group:**

BSc, compulsory course.

**Recommended or required reading:**

(1) Hall, C.M., Muller, D.K. and J. Saarinen (2009). Nordic Tourism: Issues and Cases.

(2) Hall, C.M. and S. Page (1999 or later edition). The Geography of Tourism and Recreation - Environment, Place and Space (partly)

**Person responsible:**

Professor Saarinen

**790106A: Introductory course of regional geography, 5 op****Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

3 cr

**Learning outcomes:**

A student has a working knowledge of the history and today of regional thinking in geography and is able to apply its theoretical views in empirical situations

**Contents:**

Introduction to disciplinary developments in regional geography: their history and most recent developments, the so called "new regional geography". The lectures deal with regional theories and their applications in empirical cases (e.g. in regional transformation processes), both domestic and international.

**Learning activities and teaching methods:**

Lectures in Finnish (16 h), course material and exam

**Recommended or required reading:**

A collection of articles on regional geography

**Person responsible:**

Professor Hottola

**792611S: Knowledge, technology and regional development, 3 op****Voimassaolo:** - 31.07.2011**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Moilanen Helka-Maria**Opintokohteen kielet:** Finnish**Contents:**

Course will introduce to regional development of post industrial society as well as significance of knowledge, innovations and learning regions

**Recommended or required reading:**

Simmie, James, ed (2001). Innovative cities. SPON, London or other material agreed upon.

**792699S: Maturity test, 0 op****Voimassaolo:** 01.08.2005 - 31.07.2013**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Contents:**

The supervisor of the thesis selects four subjects connected to the thesis from which the student chooses one, writing a four-page scientific essay on it. In the maturity exam, the student should express a good command of his/her native language and familiarity with the subject area of the thesis. The maturity exam is approved by the council of the department and two teachers with qualifications on the subject will examine the test. One of them must be a teacher in the major subject.

**791699S: Maturity test, 0 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

0 cr

**Contents:**

The supervisor of the thesis selects three subjects connected to the thesis from which the student chooses one, writing a four-page scientific essay on it. In the maturity exam, the student should express a good command of his/her native language and familiarity with the subject area of the thesis. The maturity exam is approved by the council of the department and two teachers with qualifications on the subject will examine the test. One of the them must be a teacher in the major subject.

**Person responsible:**

Professors

**790399A: Maturity test, 0 op****Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**791626S: Methodological special themes in Physical Geography, 5 op****Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**Required proficiency level:**

Qualitative research methods in Geography

**ECTS Credits:**

5 cr

**Language of instruction:**

Finnish

**Timing:**

MSc, 1st or 2nd year (spring, semester 2)

**Learning outcomes:**

The objective is that the student can critically apply spatial modelling methods to solve study problems in Physical Geography, understands the principles of the modelling techniques and comprehends the importance of theory in scientific research.

**Contents:**

A special course that focuses on methodological literature and spatial modelling methods in Physical Geography. Spatial analysis and modelling are central development fields in Physical Geography. The course goes deeply into the spatial modelling of processes in Physical Geography utilizing novel analysis techniques. In addition, the focus is on scientific argumentation and importance of theory in spatial analysis. The course prepares the student for the preparation of MSc thesis.

**Learning activities and teaching methods:**

Lectures, practicals and practical work

**Target group:**

MSc students in Physical Geography

**Person responsible:**

Professor Hjort and PhD student in Physical Geography

**Other information:**

The course can be completed in English  
(up-date 08/2010/tä)

## **792605S: Methods and applications in regional planning, 12 op**

**Voimassaolo:** - 31.07.2011

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Contents:**

In exercise works, student will be introduced with main methods and applications of regional research and planning. As exercise work, student will write a research report of specified problem in regional planning.

## **791612S: Methods of geographical research, 2 op**

**Voimassaolo:** - 31.07.2011

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Tervo, Mervi Maria Tuulikki

**Opintokohteen kielet:** Finnish

**Required proficiency level:**

80610P Basic methods in statistics I

790101P GIS and cartography

790342A GIS and quantitative methods

**Contents:**

Students are able to understand different phases of quantitative research process. They can design a questionnaire. Students understand the importance of collecting accurate and predestined samples in order to attain correct and truthful research results.

**Learning activities and teaching methods:**

The main concepts of quantitative research process are presented and a design process of a questionnaire is introduced. The relationship between sample and population is considered and different kinds of variables and distributions are illustrated. All students read two articles and analyze them.

**Person responsible:**

Senior assistant Tervo

**791638S: Methods of quantitative research in human geography, 5 op**

**Voimassaolo:** 01.08.2007 - 31.07.2011

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Required proficiency level:**

791612S Methods of geographical research

**Learning outcomes:**

Students understand the possibilities and limitation of quantitative data. They can apply most commonly used statistical methods in their own geographical research.

**Contents:**

Quantitative methods and statistical research are introduced. Students are divided into groups, in which they together plan and perform a quantitative statistical research. Data is analyzed and results are reported.

**Recommended or required reading:**

Tervo, Mervi (2000). Kvantitatiiviset menetelmät kulttuurimaantieteellisessä tutkimuksessa. Oulun yliopisto, maantieteen laitos. Opetusmoniste n:o 31.

**790050Y: Orientation, 2 op**

**Opiskelumuoto:** General Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Timing:**

1st autumn

**Learning outcomes:**

The aim of the course is to introduce new students to the department and studies of geography, academic life in University and planning his/her studies. After the course student will be familiar with the general structure of the degree.

**Contents:**

During the course students will orientate themselves to the university and make their first personal study plan.

**Learning activities and teaching methods:**

Orientation in small groups, visits and discussions with the tutor.

**Target group:**

Geographers, compulsory

**Grading:**

Pass/fail

**Person responsible:**

Amanuensis Jurvakainen

## 791635A: Physical Geography of Fennoscandia, 5 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay791635A Physical Geography of Fennoscandia (OPEN UNI) 5.0 op

**ECTS Credits:**

2 ECTS

**Language of instruction:**

Finnish or English

**Timing:**

BSc studies (semester 1 or 2)

**Learning activities and teaching methods:**

Book exam

**Recommended or required reading:**

Seppälä, Matti (ed.)(2005). Physical Geography of Fennoscandia (chapters 2-11 and 20-23).

**Assessment methods and criteria:**

Exam on exam day of Geography.

**Person responsible:**

Koutaniemi -- foreign students are asked to contact Mr. Koutaniemi before registration.

## 791621S: Political geography, 5 op

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 cr

**Language of instruction:**

English and/or Finnish

**Timing:**

MSc, 1st year (Spring).

**Learning outcomes:**

A student will reach competence in the basics of today's political geography. He/she will understand the processes of territorialism also from the theoretical point of view.

**Contents:**

Introduction to political geography, its themes and traditions, with empirical cases and theoretical insights. The main focus is on territorialism, borders (e.g. the institutionalization of the Finnish territory), intercultural confrontations and othering.

**Learning activities and teaching methods:**

Lectures (14 h) in English, and a book exam

**Recommended or required reading:**

Will be given in the first lecture

**Person responsible:**

Professor Hottola

**Other information:**

Mainly for cultural geography students. The exam report may be written either in English or in Finnish.

## 791613S: Position based analyses and services in geography, 5 op

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Rusanen Jarmo Juhani

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**Learning outcomes:**

Student can independently collect georeferenced data.

**Contents:**

The theory of GPS, GPS equipment and data collection methods

**Person responsible:**

Professor Rusanen

### **792614S: Practical training, 3 op**

**Voimassaolo:** - 31.07.2011

**Opiskelumuoto:** Advanced Studies

**Laji:** Practical training

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Contents:**

Working as trainee in state administration or in the department of Geography

### **791616S: Practical training, 5 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Practical training

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**Contents:**

Working as trainee in the state administratio or at the dep. of Geography

### **792616S: Pro gradu thesis, 30 op**

**Voimassaolo:** - 31.07.2011

**Opiskelumuoto:** Advanced Studies

**Laji:** Diploma thesis

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** A,B,N,C,M,EX,L

**Opintokohteen kielet:** Finnish

**Contents:**

Writing of the thesis and participation in four seminars. The thesis is approved and graded by the council of the department with grades from approbatur to laudatur.

### **791619S: Pro gradu thesis (Master Thesis), 30 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Diploma thesis

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** A,B,N,C,M,EX,L

**Opintokohteen kielet:** Finnish

**Contents:**

: The thesis is written on a subject given or approved by the instructor. Work for the thesis consists of lectures, demonstrations, project work and research seminars held by the student (seminar I, II, III). During the project work, the student becomes acquainted with the literature for the thesis and with the problems of thesis writing. Thesis Seminar I is held at the beginning of the work. In a research plan (5-10 pages), the student introduces the theme, formulates the problem and the possible hypotheses, present the material, methods and a preliminary outline of the content. In Seminar II the student introduces the content framework of the thesis and the theoretical development, along with the lines of the empirical examination (materials, methods). Seminar III is held after the thesis is finished; in that seminar the student introduces the central starting-points, theoretical and methodological solutions and the main results. In the seminar another student will act as an opponent for the thesis. Before the seminar, the instructor(s) of the thesis examines the work.

**Learning activities and teaching methods:**

The student participates in a total of 14 weekly sessions. The students of physical geography and human geography have their own seminar groups. The subject teachers are able to choose the group according to their interests. Students are able to participate in the seminars before they begin their work on the thesis, preferably during the third year. The thesis is accepted and graded by the council of the department with grades from approbatur to laudatur.

## **790326A: Qualitative research methods, 5 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 cr

**Learning outcomes:**

Students understand the starting points in qualitative research and perceive the different phases of research projects. They also understand the basic factors behind analyzing the data.

**Contents:**

The lectures introduce the main concepts, viewpoints and methodologies in qualitative research. During the four exercises students read and analyze relevant articles.

**Person responsible:**

Senior assistant Tervo

## **791639S: Quantitative research methods in Geography, 5 op**

**Voimassaolo:** 01.08.2010 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

## **792301A: Regional development and regional policy in theory and in practise, 5 op**



**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Course can be taken in English. For further information, contact Ms Hautala (up-date 01/2011/tä)

**Timing:**

BSc, 2 year (autumn, semester 1)

**Learning outcomes:**

The student will understand regional development and regional planning from the viewpoint of different interest groups. He/She can look regional development and planning also from the critical viewpoint. The students improve their skills in the debate of the actual issues and phenomena.

**Contents:**

Course introduces to the new perspectives and practical questions of regional development and planning. Themes include for example values, objects and participation in regional development and planning.

**Learning activities and teaching methods:**

20 h, study group. See: "Other information"

**Target group:**

Compulsory for the students of regional development and regional policy (others optional)

**Recommended or required reading:**

- Pike, A., Rodriguez-Pose, A. & J. Tomaney (2006). Local and Regional Development. Routledge, London.
- Set of articles announced later

**Person responsible:**

Doctoral student Johanna Hautala

**Other information:**

## 791642S: Regional politics, policy and development: Advanced themes, 5 op

**Voimassaolo:** 01.08.2010 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Sami Moisio

**Opintokohteen kielet:** Finnish

**Required proficiency level:**

Introduction to regional politics, policy and development, Regional development and planning in theory and in practice, Regional politics, policy and development: Northern Europe

**ECTS Credits:**

5 cr

**Language of instruction:**

Finnish

**Timing:**

MSc, 2nd year (autumn, semester 1)

**Learning outcomes:**

Students are capable of understanding the link between regional development/policies and the so called globalization. They are also able to evaluate and discuss regional development and policy in the frame of political

economy. Students are capable of interpreting and analyzing regional policy programs and regional development plans from critical and conceptual perspectives.

**Contents:**

The course will deal with the following themes: the political economy of regional politics/policy and development, cultural political economy, state transformation, the transnationalization of regional development, the spatiality of neoliberalism, metropolitan development, the Europeanization of space.

**Learning activities and teaching methods:**

Lectures 16 h, readings, practices 40 h

**Target group:**

Students specializing in Regional development and regional policy

**Recommended or required reading:**

The readings will be announced later

**Person responsible:**

Professor Moisio

**Other information:**

(up-date 08/2010/tä)

## 792319A: Regional politics, policy and development: Northern Europe, 5 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 cr

**Language of instruction:**

This course is offered only in Finnish

**Timing:**

BSC, 2nd year, spring (semester 2)

**N.B.:** Course is moved from autumn (semester 1) to spring (semester 2)

**Learning activities and teaching methods:**

12 h reading circle, 8 h seminar

**Target group:**

Compulsory for the students of regional development and regional policy, others optional

**Recommended or required reading:**

The readings will be announced later

**Person responsible:**

Senior researcher (open)

**Other information:**

This course is offered only in Finnish

(up-date 08/2010/tä)

## 791620S: Remote sensing for land use studies, 5 op

**Voimassaolo:** - 31.07.2008

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Required proficiency level:**

GIS-basics and cartography (790101P)

**Learning outcomes:**

Remote sensing is a central method in geographical research. Recent developments in quality, availability and analysis of satellite data have significantly increased the variability of remote sensing applications. The course consists of lectures dealing with the theory of remote sensing, datasets, applications and visual and digital interpretation of satellite images. The main goal in the course is to understand the theory and concepts of remote sensing and some of the most important geographical remote sensing applications.

**Learning activities and teaching methods:**

No lectures in 2009, the course is completed with an exam (material below)

**Recommended or required reading:**

Lillesand, T.M. & R.W. Kiefer (2000). Remote Sensing and Image Interpretation, 4th ed. 724 p. New York (chapters 1, 4-7).

**Person responsible:**

R. Hannila

## 791636S: Remote sensing in Physical Geography, 5 op

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Jan Hjort

**Opintokohteen kielet:** Finnish

**Required proficiency level:**

Advanced course in GIS (old name: GIS and Quantitative Methods, 790342A)

**ECTS Credits:**

5 cr

**Language of instruction:**

Finnish

**Timing:**

MSc, 1st or 2nd year (autumn, semester 1)

**Learning outcomes:**

The objective is that the student understands the basics of remote sensing and its main applications in Physical Geography. In addition, the objective is that the student can use remote sensing techniques to acquire research data and study processes in Physical Geography.

**Contents:**

Remote sensing is a central data acquiring method in Physical Geography. The recent developments in quality and availability of satellite data as well as in analysis techniques have significantly enhanced the applicability of remote sensing in Physical Geography. The course includes lectures and practicals. Lectures focus on the theory of remote sensing, images, applications and on the visual and digital interpretation of satellite images. Practical focus on the digital image processing and the interpretation of satellite images in the context of Physical Geography. The course prepares the student for applying the remote sensing data and techniques in MSc thesis.

**Learning activities and teaching methods:**

Lectures, practicals and practical work

**Person responsible:**

Professor Hjort and PhD student in Physical Geography

**Other information:**

The course is organised every other year (uneven years).

Next course will take place in 2011.

The course can be completed in English.

(up-date 08/2010/tä)

## 791634S: Remote sensing in land cover mapping, 3 op

**Voimassaolo:** - 31.07.2011

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Required proficiency level:**

790101P GIS basics and cartography (5 cr), 791636S An introduction to remote sensing (4 cr)

**Timing:**

Degree of M.Sc. 1-2 autumn term

**Learning outcomes:**

On the course we focus on the digital image processing and the interpretation of satellite images. The land cover study is in focus. The aim is that a student will learn the remote sensing techniques and is able to understand and interpret the different reflectance of varying land covers. The course prepares the student for applying the remote sensing data e.d. in Master thesis.

**Learning activities and teaching methods:**

32 h practise and written report

**Target group:**

Optional

**Recommended or required reading:**

Material will be provided on the course.

**Person responsible:**

Assistant in Physical Geography

## **791641S: Research and application of regional politics, policy and development, 5 op**

**Voimassaolo:** 01.08.2010 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Required proficiency level:**

Recommended:

- Introduction to regional politics, policy and development
- Regional development and planning in theory and in practise
- Regional politics, policy and development: Northern Europe

**ECTS Credits:**

5 cr

**Language of instruction:**

This course is offered only in Finnish

**Timing:**

MSc, 1st year (spring, semester 2)

**Person responsible:**

Senior researcher (open)

**Other information:**

This course is offered only in Finnish  
(up-date 08/2010/tä)

## **791624S: Research in northern environment, 5 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Jan Hjort

**Opintokohteen kielet:** Finnish

**Required proficiency level:**

Physical Geography of Fennoscandia (book exam)

**ECTS Credits:**

5 cr

**Language of instruction:**

Finnish

**Timing:**

MSc, 1st or 2nd year (autumn, semester 1)

**Learning outcomes:**

The objective is that the student understands the key processes of northern environment by combining field observations with the theoretical knowledge gained from the literature.

**Contents:**

This course focuses on the special characteristic of Physical Geography in northern Fennoscandia. The aim is to combine the theoretical knowledge gained from the lectures and literature with the observations completed in the field to deepen the understanding of studied processes. The course prepares the student for the preparation of MSc thesis. This course focuses on the geomorphological, climatological, hydrological and biogeographical phenomena in the context of global change. Study themes include periglacial processes, valley glaciers, weathering, mass movements, aeolian processes, vegetation zones, forest limit and the interaction of various phenomena.

**Learning activities and teaching methods:**

Field work and seminar

**Target group:**

MSc students in Physical Geography

**Person responsible:**

Professor Hjort and PhD student in Physical Geography

**Other information:**

Field work requires good physical condition and all-weather clothes.

The course can be completed in English.

(up-date 08/2010/tä)

**791627S: Research in regional geography, 5 op****Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Learning outcomes:**

A student develops an understanding of the current debate in regional geography and is able to get involved with it, in a critical manner, and to link his/her thesis in the discourse.

**Contents:**

Exploration of current issues in new regional geography.

**Learning activities and teaching methods:**

Reading circle (14 h) in English and/or Finnish, book exam.

**Recommended or required reading:**

Cresswell, T. (2004). Place; journal articles.

**Person responsible:**

professor Hottola

**790323A: Scientific writing in geography, 5 op****Voimassaolo:** - 31.07.2012**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish

**Contents:**

Communication in science, modes, channels and operation; searching of information, structure of a research paper, planning and writing; writing techniques, preparation of pictures and maps and graphs for a publication; basic knowledge of typography.

**791631S: Seminar in master's thesis, 5 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Contents:**

Student prepares a written research plan based on her/his thesis subject and prepares three seminar presentations: I when starting the thesis by presenting a proposal (research plan), II after data collection and III when a full version of the manuscript is prepared after supervisor(s) initial comments.

**792615S: Seminar in master's thesis, 3 op**

**Voimassaolo:** - 31.07.2011

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Contents:**

Student prepares a written research plan based on her/his thesis subject and prepares three seminar presentations: I when starting the thesis by presenting a proposal (research plan), II after data collection and III when a full version of the manuscript is prepared after supervisor(s) initial comments.

**791637S: Special research course in Geography, 5 op**

**Voimassaolo:** 01.08.2009 - 31.07.2019

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

Ei opintojaksokuvauksia.

**790305A: Special themes in Human Geography, 5 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 cr

**Contents:**

Lectures offer an introduction to special themes of human / cultural geography. Additionally, there are group exercises in which groups write reports on chosen subjects within the human cultural geography framework. These reports are then analysed together in the groups

**Recommended or required reading:**

The material agreed upon in the lectures.

**Person responsible:**

Professor Karjalainen

**790303A: Special themes in Physical Geography, 5 op**

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Janne Alahuhta

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**790350A: Special themes in Regional Development and Regional Policy, 5 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Finnish and English

**Timing:**

BSc, 1st to 3rd year (autumn or spring)

**Learning outcomes:**

Student understands the meaning of economics, innovation systems and know-how in context of regional development and policy.

**Contents:**

Exam

**Learning activities and teaching methods:**

Exam

**Target group:**

Students of regional development and regional policy (others optional).

**Recommended or required reading:**

Cooke, P., C.De Laurentis, F. Tödtling & M. Tripl (2007). Regional knowledge economics. Markets, clusters and innovation. Edward Elgar Publishing. Cheltenham.

**Assessment methods and criteria:**

Book exam on exam day of Geography.

**Person responsible:**

Doctoral student Johanna Hautala

**Other information:**

Exam can be taken in English -- foreign students are asked to contact Ms. Hautala before registration. (up-date 01/2011/tä)

**790346A: Substituting written exam, 5 op****Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

3 ECTS

**Language of instruction:**

English: Physical Geography, Toursim Geography

**Timing:**

BSc studies, semester 1 or 2

**Learning outcomes:**

A student deepens the knowledge of geographical thinking by selecting one of the following thematic packages (physical or tourism geography) for the book exam, and substitutes it for the study unit 790303A Special themes in physical geography. (Exam is not possible to do in Human Geography).

**Contents:**

Book exam focusing on physical or tourism geography.

**Learning activities and teaching methods:**

Book exam

**Target group:**

Students in Physical Geography or Toursim Geography

**Recommended or required reading:**Tourism geography:

- Hall C. Michael & Stephen Boyd (eds) (2005). Nature-based tourism in peripheral areas: development or disaster? 281 p. Channel View Publications, Clevedon.

Physical geography: Will be announced on noticeboard.

(Not possible to in Human Geography.)

**Assessment methods and criteria:**

Optional

**Person responsible:**

Physical Geography: Sanna Varanka; Tourism Geography: Tanja Löytynoja

**Other information:**

When registering, remember to mention the responsible person and the books of your choice.  
in English: Physical Geography and Toursim Geography (not possible in Human Geography)  
(Update 10/2010/tä)

**790348A: Substituting written exam, 5 op****Voimassaolo:** - 31.07.2021**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

5 ECTS

**Language of instruction:**

English: Physical Geography and Tourism Geography

**Timing:**

BSc studies, semester 1 or 2

**Learning outcomes:**



A student deepens the knowledge of geographical thinking by selecting one of the following thematic packages (physical / tourism geography) for the book exam, and substitutes it for the study unit 790305A Special themes in human geography.

**Contents:**

Book exam focusing on physical or tourism geography.

**Learning activities and teaching methods:**

Book exam

**Target group:**

Students in BSc studies, Physical Geography or Tourism Geography.

**Recommended or required reading:**

Tourism Geography:

Choose two of the following books:

- MacCannell, Dean (1989 or later). The tourist: a new theory of the leisure class. Rev. ed. 214 s. Schocken, New York.
- Meethan, Kevin (2001). Tourism in global society. Place, culture, consumption. 214 s. Palgrave, New York.
- Timothy, Dallen J. (2001). Tourism and political boundaries. 219 s. Routledge, London.

Physical Geography: The scientific articles are available in room MN311 (Henna Sormunen).

(Not possible in Human Geography.)

**Assessment methods and criteria:**

Optional

**Person responsible:**

Tourism Geography: Tanja Löytynoja

Note: in Physical Geography resp. persons are: Sanna Varanka (27.10. and 17.11.) and Riikka Hannila (13.12.)

**Other information:**

When registering, remember to mention the responsible person and the books of your choice.

(update 10/2010/tä)

## 791632S: Sustainable development and global tourism, 5 op

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 cr

**Learning outcomes:**

Student deepens the knowledge on sustainable tourism and its challenges and contemporary issues in the global tourism contexts. In written report the student focus on a case study analysing the practices and challenges of tourism and sustainable development.

**Learning activities and teaching methods:**

10 h lectures, exam or book exam and written report work.

**Recommended or required reading:**

- (1) Holden, A. (2008). Environment and tourism (partly)
- (2) Saarinen et al (2009). Sustainable tourism in Southern Africa (partly)

**Person responsible:**

Professor Saarinen  
written report Löytynoja

**Other information:**

(update 10/2010/tä)

## 791611S: Thesis (+ two seminars), 36 op

**Voimassaolo:** - 31.07.2011

**Opiskelumuoto:** Advanced Studies

**Laji:** Diploma thesis

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** A,B,N,C,M,EX,L

**Opettajat:** Rusanen Jarmo Juhani

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

### **790351A: Thesis of BSc (Bachelor of Science), 10 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

### **790318A: Tourism and culture, 3 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay790318A Tourism and culture (OPEN UNI) 3.0 op

**Status:**

Course is targeted for the students of Tourism Studies (minor subject) based on specific application process in April-May, not automatically for the students whose main subject/major is Geography.

**ECTS Credits:**

4 ECTS

**Timing:**

autumn/spring (semester 1 or 2)

**Learning outcomes:**

Students familiarise themselves with the interrelationships between tourism and culture, cultural impacts of tourism, and different aspects of cultural tourism spring.

**Learning activities and teaching methods:**

Book exam

**Target group:**

Students of the minor subject studies (Tourism, 25 cr)

**Recommended or required reading:**

Smith, Melanie (2009). Issues in Cultural Tourism Studies. 2. rev. edition. Routledge, London.

The following articles (in Finnish) from:

Kupiainen, Jari & Erkki Sevänen (eds.) (1994 or later). Kulttuurintutkimus: Johdanto. Suomalaisen Kirjallisuuden Seura, Helsinki:

- Knuutila, Seppo: Kaiken kattava kulttuuri?
- Alasuutari, Pertti: Kulttuurintutkimus ja kulturalismi
- Söderholm, Stig: Antropologinen kulttuurintutkimus
- Kupiainen, Jari: Antropologinen taiteentutkimus
- Kupiainen, Jari & Hannes Sihvo: Turismi ja kulttuurit nyky maailmassa

**Person responsible:**

Maaria Niskala

**Other information:**

The study unit is part of Minor Subject studies (Tourism, 25 cr)

(up-date 01/2011/tä)

## 790320A: Tourism planning and development, 5 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay790320A Tourism planning and development (OPEN UNI) 5.0 op

**ECTS Credits:**

5 cr

**Language of instruction:**

Finnish and English.

**Timing:**

BSc studies, 2-3rd year, semester 2 (spring)

**Learning outcomes:**

Student will focus on the theoretical and applied issues of tourism planning and policies in regional context and learns the basic issues in the regional economy of tourism and the nexus tourism and regional development. In addition the student will analyse the regional characteristics of tourism by utilising a case study.

**Learning activities and teaching methods:**

16 h lectures, written report work, exam.

**Target group:**

Students of the Tourism Geography, other optional.

**Recommended or required reading:**

(1) Hall, C.M. (2000). Tourism Planning: Policies, Processes and Relationships.

(2) Fennel, A. (1999 or later edition). Ecotourism - an introduction (partly).

**Person responsible:**

Lectures: Kauppila

Written report: open

## 790161A: Tourism, sustainability and environment, 5 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay790161A Tourism, sustainability and environment (OPEN UNI) 4.0 op

**ECTS Credits:**

3 cr

**Language of instruction:**

English

**Timing:**

BSc, 2nd-3rd year (spring, semester 2)

**Learning outcomes:**

Student will learn the basic issues of tourism and sustainable development with special emphasis on northern, polar and peripheral regions.

**Learning activities and teaching methods:**

8 h lectures, exam, essay work

**Target group:**

Students of the Tourism geography.

**Recommended or required reading:**

(1) Fennel, David A. (1999 or later edition). Ecotourism - an introduction (partly)

(2) article material or additional text book (partly)

**Person responsible:**

Professor Saarinen

**Other information:**

The course is in English.

(up-date 01/2011/tä)

**791629S: Traditions and current issues in tourism research, 5 op****Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Saarinen, Jarkko Juhani**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay791629S Traditions and current issues in tourism research (OPEN UNI) 5.0 op

**ECTS Credits:**

3 cr

**Learning outcomes:**

Student learns the traditions of tourism research and contemporary issues and debates in research and development with an emphasis on international studies and discussions.

Alternatively the course can be combined with 791628S and organised as domestic or international field course and/or excursion.

**Learning activities and teaching methods:**

10 h lectures, 20 h seminar, exam.

**Target group:**

MSc, offered in even years (or yearly if resources).

**Recommended or required reading:**

will be announced when the course starts.

**Person responsible:**

Professor J. Saarinen

Seminar Löytynoja

**792610S: Transformation of urban space, 3 op****Voimassaolo:** - 31.07.2011**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Jussi Jauhiainen**Opintokohteen kielet:** Finnish**Learning outcomes:**

Student assimilates and is able to apply the concepts and theories related to the development and planning of cities

**Contents:**

Course introduces to theories and concepts related to cities and to the development of cities.

**790051Y: Tutoring, 2 op****Opiskelumuoto:** General Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opintokohteen kielet:** Finnish

**Timing:**

B.Sc 3rd autumn/M.Sc. 1st autumn

**Learning outcomes:**

Course develops student's skills to guide and work in group and organize. It also advances planning and guidance abilities.

**Contents:**

The student guides a group of new students during the orientation course introducing them to the university, academic learning environment, the department of Geography and other new students with the help of small group meetings and presentations.

**Target group:**

Geography

**Person responsible:**

Amanuensis and Student Services

### **791643S: Urban and rural areas and dynamics of regional structure, 5 op**

**Voimassaolo:** 01.08.2010 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

**Arvostelu:** 1 - 5, pass, fail

**Opettajat:** Muilu, Toivo Antero

**Opintokohteen kielet:** Finnish

**Required proficiency level:**

Recommended: Introduction to regional politics, policy and development

**ECTS Credits:**

5 cr

**Language of instruction:**

Partly Finnish, partly English

**Timing:**

MSc, 1st year (autumn, semester 1)

**Learning outcomes:**

After passing the course student will understand regional development from both urban and rural viewpoint. He or she is able to interpret continuum of regional structure, interaction of different regions and their different prerequisites for development.

**Contents:**

Regional development and its changing interpretations will be made familiar with the students. Dynamics of regional structure are examined in context of development of the society, regional control systems and theories behind them and models of implementation. During exercises students will become acquainted with some topical regional development programme or strategy.

**Learning activities and teaching methods:**

Lectures 16 h, exercises 40 h and book exam

**Recommended or required reading:**

Study material will be announced

**Person responsible:**

Professor Muilu

**Other information:**

Course will be given partially in English. For further information, contact responsible person (up-date 08/2010/tä)

*Compulsory*

### **791643S-01: Urban and rural areas and dynamics of regional structure, exercises, 0 op**

**Voimassaolo:** 02.08.2010 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Partial credit  
**Vastuuyksikkö:** Department of Geography  
**Arvostelu:** 1 - 5, pass, fail  
**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

### **791643S-02: Urban and rural areas and dynamics of regional structure, lectures, 0 op**

**Voimassaolo:** 02.08.2010 -  
**Opiskelumuoto:** Advanced Studies  
**Laji:** Partial credit  
**Vastuuyksikkö:** Department of Geography  
**Arvostelu:** 1 - 5, pass, fail  
**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

### **792613S: Urban studies and urban policy, 5 op**

**Voimassaolo:** - 31.07.2011  
**Opiskelumuoto:** Advanced Studies  
**Laji:** Course  
**Vastuuyksikkö:** Department of Geography  
**Arvostelu:** 1 - 5, pass, fail  
**Opintokohteen kielet:** Finnish

**Learning outcomes:**

Student understands and knows the basics of urban research and policy. Student familiarises her/himself with the views and work of researchers and actors related to cities.

**Contents:**

Course deepens student's knowledge on the modern research on cities, its concepts, methods and viewpoints. The policy of city considers city networks and regions, and their development in practice.

It is aimed that part of lectures are held by experts.

### **790349A: World regional geography, 5 op**

**Opiskelumuoto:** Intermediate Studies  
**Laji:** Course  
**Vastuuyksikkö:** Department of Geography  
**Arvostelu:** 1 - 5, pass, fail  
**Opintokohteen kielet:** Finnish  
**Leikkaavuudet:**

ay790349A World regional geography (OPEN UNI) 5.0 op

**ECTS Credits:**

4 ECTS

**Language of instruction:**

Finnish and English.

**Timing:**

BSc studies (semester 1 or 2)

**Learning activities and teaching methods:**

Book exam

**Recommended or required reading:**

De Blij, H.D & P.O. Muller (2003). Concepts and Regions in Geography (except chapters "Introduction" and "Europe").

**Assessment methods and criteria:**

Exam on the exam day of Geography.

**Person responsible:**

Koutaniemi.

**Other information:**

For foreign students: please contact Mr. Koutaniemi before registration of the exam.