

Opasraportti

LUTK - Geography (2009 - 2010)

DEPARTMENT OF GEOGRAPHY

Geography is one of the widest fields of science. It studies different spatial and regional processes on the surface of Earth, mainly in the context of human activities. One of the focal areas of geography is the examination of the relationship between people and the environment. This relation and its changing meanings are still important starting-points in geography. Geography is divided into physical geography, human geography and regional geography (geography option), tourism geography, geoinformatics and into applied geography and regional planning. The research subjects in physical geography are the regional systems formed by the shapes of the Earth's surface, by climate, by water coverage and by different organisms. Human geography examines regional features of populations, settlements, economic life, politics and human communities, it also examines the significance of regional systems and landscapes for communities and individuals. Applied geography and regional planning concentrate on examining the necessary theories required in regional and local planning, thereby aiming to produce information which is applicable in local and regional development. In addition to these areas of study, regional geography is separated off as an individual subfield. The main emphasis of regional geography is on examining regional characteristics and on theoretical outlining and empirical interpreting of changes in regional systems. Consequently, special attention is paid on processes occurring on different regional levels (local, regional, national and global).

Due to the wide-ranging character of their research subjects, geographers currently apply the theories and methods of natural sciences, cultural and social sciences widely. Similarly, the aim of education in geography is to provide students with wide and profound theoretic-methodological knowledge and to offer the capability to master the contents of the field. After graduation, students are able to apply this knowledge in scientific research, as subject teachers or in regional planning, as well as in other employment.

Physical Geography

The object of the research carried out in physical geography is to ascertain the present state of the natural environment with respect to the relationship between people and nature, to analyse the processes taking place in nature, and to map their regional occurrences. The primary locations of research are the fell areas of Lapland, the coast of the Gulf of Bothnia and Lake Oulujärvi, a large regulated lake east of Oulu. Another important area just outside Finland is Paanajärvi in Russian Karelia. The research has both theoretical and practical aims, and its implementation calls for extensive field observation and laboratory work. The research is generally carried out as teamwork, and research projects usually involve research leaders and foreign scholars, as well as undergraduate and postgraduate students.

Human and Regional Geography

Research in human and regional geography concentrates on the theory and empirical applications of modern geography. The aim is to develop theoretical perspectives on regions and regional transformation, and to analyse empirically the transformation of the Finnish and European regional system and boundaries as an individual spatial case. One of the main fields of research is also the analysis of cultural landscapes on the basis of modern social and cultural theory.

Tourism Geography

The geographical study of tourism analyses tourism as a global process and part of societal and regional systems. It focuses on the spatial structures, flows and impacts of tourism and recreation. The research activities have an international profile and research with theoretical and empirical findings. In addition the applied nature of tourism planning, development and management are considered. The research themes include issues such as tourism development and impacts, human mobility and sustainability, tourism and local cultures and communities, tourism in peripheries, rural tourism, nature-based and wilderness tourism, heritage tourism and regional economies of tourism.

Geoinformatics

The above-mentioned research fields are supported by modern GIS and Remote Sensing facilities designed to help researchers in their work. One of the main objectives of the laboratory is to develop new methods for analysing spatial data. Two computer classrooms with AMD Athlon and Intel Pentium based workstations are available for teaching purposes. These classrooms are used for teaching basic cartographic skills, for example using MapInfo. The laboratory is equipped with major GIS software packages such as ArcGIS 9.1 and MapInfo, ER Mapper and Erdas Imagine. The computer hardware consists of 1 UNIX workstation, an A0 digitizing table and an A0 plotter.

Applied Geography and Regional Planning

Applied geography and regional planning studies the society and its regional development, planning and organisation from regional and critical point of view. One of the aims is to produce knowledge that can be applied into regional planning. The research is constructed on three main themes: 1) regional and urban policy, regional and urban development and planning, 2) high technology cooperation and development networks and 3) social environment research and local planning.

The aims of the research in applied geography and regional planning are to produce information and to conceptualise in regional and local planning. Both basic and applied research concentrates on local and regional development. Research is also carried out on the structural changes taking place at various levels in the Finnish society and in the Baltic Sea Region.

3. THE DEGREE PROGRAMME IN GEOGRAPHY

Education in geography is based on individual courses. It is recommended that the directive curriculum is followed. The courses and examinations should be completed in the appropriate order.

Bachelor of Science Degree

The aim of the basic education in the degree programme is to educate students to obtain the Bachelor of Science degree in three years. At that time all students have equal study programme.

Graduates usually become employed in schools and other educational institutes as teachers, as researchers in regional research and planning institutes, and in other organizations of society.

Structure of the Studies

The degree programme is an interdisciplinary programme, which consists of geography and subsidiary studies as follows:

Table 1. The minimum number of ECTS credits for the B.Sc degree

Main Subject Studies	Credits
<ul style="list-style-type: none"> • Basic Studies • Subject Studies • Thesis and Maturity test 	25 ECTS 45 ECTS 10 ECTS
Minor Subject Studies	80 ECTS
Other Studies (orientation course, language courses, other studies)	20 ECTS
All Together	180 ECTS

The purposes of basic and subject studies are to introduce students to the central scientific concepts and theoretical and methodological contents, and to teach students how to apply that information.

Master of Science Degree

The aims of the advanced studies are to introduce students to the theory and practice of geographic research, and to guide students in the application of this knowledge. Advanced studies differ within different lines of specialisation for the teacher, geography and applied geography.

Table 2. The minimum number of ECTS credits in M.Sc. degree

	Teacher Line	Geography Line	Applied Geography Line
Studies in Main subject	50 ECTS	50 ECTS	50 ECTS
Thesis	30 ECTS	30 ECTS	30 ECTS
Minor Subject studies	40 ECTS	40 ECTS	40 ECTS
All Together	120 ECTS	120 ECTS	120 ECTS

The degree programme consists of three directions of specialisation:

1. Subject Teacher Line

Students are chosen to the Teacher Line on the basis of aptitude tests and the mark for the entrance examination or for grades of previous studies. In this line, students acquire the qualifications needed to teach geography and biology in comprehensive and upper secondary schools. The studies in the teacher line include at least 60 credit units of biology and 60 credit units of pedagogic studies.

2. Geography Line

a) Physical Geography Line

Physical geography provides students with a comprehensive view of global systems and natural phenomena. It also gives information on the state of natural and cultural environments and their problems. By analysing the operation of the natural systems of the Earth, physical geographers learn to predict natural hazards and minimise their harmful and disastrous impact on human societies. Physical geographers at the University of Oulu concentrate on the following themes: the analysis of natural phenomena, the determination of the interrelations between nature and human beings, and the anticipation and modulation of environmental changes.

b) Human Geography Line

Human geography emphasises the ways in which human action in all its functional varieties and spatial scales has to do with the Earth. Human geography is a broad area embodying several individual sub-fields ranging from human /environment relations to differentiation of cultural geographies to questions of production and political power. At the University of Oulu, the field of human geography is understood in its wide sense along the systematic sub-fields. In research activity, specifically, the fields of specialisation are regional transformation, cultural geographical landscape studies, and investigation of places as arenas of human involvement.

c) Tourism Geography Line

Tourism Geography provides students an understanding on the role, meaning and consequences of human mobility in contemporary societies and its social and spatial contexts. The specialisation line offers advanced courses on tourism and recreation as geographical phenomena with strong emphasis on research but also planning and management of tourism and recreation development environments. The purpose is to encourage students to active, inventive and self-reliant work careers after university training. Academic field trip and field work opportunities are also offered.

d) Geoinformatic Line

The focuses of geoinformatics are the theory of cartography, geographical information systems (GIS), location based services (LBS), and their applications in the Finnish context. In some courses the basic GIS softwares, like MapInfo and ArcGIS, are taught.

3. Applied Geography and Regional Planning Line

The purpose of this specialisation is to offer students the capability to analyse and to work with different tasks of practical planning and decision making. After the courses of physical and human geography, which are compulsory for all students in the degree programme of geography, the main emphasis of regional planning, in addition to theory, is on lectures and exercises in regional research and planning methods. These develop student capacity to work on research projects, which demand the ability to work in interdisciplinary groups.

Subsidiary studies

A minimum study unit of 15 ECTS credits is accepted as a part of subsidiary studies, though 25 ECTS credits are recommended. The subjects that are accepted as subsidiary subjects are listed on the notice boards.

Tourism as minor subject (25 credits)

790160A Introduction to Tourism Geographies 5 cr
 790161A Tourism, Sustainability and Northern Environment 3 cr
 790320A Tourism Planning, Policy and Regional Development 5 cr
 790318A Tourism and culture 4 cr
 790165P Substitute course (if needed)3-5 cr

Department of Biology:
 752321A Conservation of biodiversity 3 cr

Faculty of Economics:
 721409P Principles of Marketing 5 cr

Examinations and Grades

The examinations are graded 1 - 5 and some courses are graded as pass/fall.

1/5 Sufficient (1,00 - 1,49)

2/5 Satisfactory (1,50 - 2,49)

3/5 Good (2,50 - 3,49)

4/5 Very good (3,50 - 4,49)

5/5 Excellent (4,50 - 5,00)

Abbreviations:

ST	=	Subject Teacher Line
PG	=	Physical Geography Line
HG	=	Human Geography Line
TG	=	Tourism Geography Line
GG	=	Geoinformatics Line
RP	=	Regional Planning
Y	=	General Studies
P	=	Basic Studies
A	=	Subject Studies
S	=	Advanced Studies

Bachelor of Science (B.Sc) (180 cr)

Major studies (Geography)

1st Autumn semester:

790050Y Orientation, 2 cr

790152P Introduction to discipline of geography, 5 cr

790141P Introduction to planning geography, 5 cr

790160A Introduction to tourism geography, 5 cr

902003Y English 3, Reading for Academic Purposes, 3 cr

904003Y French, 3 cr

903004Y German, 3 cr

One of next (for teacher line students) :

780109P Basics of chemistry, 4 cr

740148P Biomolecules, 5 cr

1st Spring semester

790101P GIS basics and cartography, 5 cr

790102P Introduction to systematic physical geography, 5 cr

790104P Introduction to systematic human geography, 5 cr

One of next:

790303A Special themes in physical geography, 3 cr

790305A Special themes in human geography, 5 cr
 030005P Introduction to information retrieval, 1 cr (first part)
 790349A World regional geography, 4 cr
 790322A Geographical information and research, 2 cr

2nd Autumn semester

790310A Field course in physical geography, n7 cr
 790306A Developing of remote rural areas (Rural Studies), 5 cr
 790307A Changing Europe, 3 cr
 790106A Introductory course of regional geography, 3 cr
 791635A Physical geography of Fennoscandia (book exam), 2 cr
 790340A Geographies of development (book exam), 3 cr
 790347 A Book exam (for teachers line students)
 792301A Planning in theory and in practise, 5 cr

2nd Spring semester

901004Y Swedish, 2 cr
 806109P Basis methods in statistics I
 030005P Introduction to information retrieval, 1 cr (second part)
 790342P GIS and quantitative methods, 7 cr
 790326A Qualitative research methods, 3 cr
 792319 Regional development and regional policy: European Union and the Baltic Sea region, 5 cr
 790350A Special themes in planning geography (book exam), 5 cr
 790321A Field course in human geography, 5 cr

3rd Spring semester

790051Y Tutoring (voluntary), 2 cr
 790323A Scientific writing in geography, 5 cr
 791302A Environment and society (voluntary), 5 cr
 One of next (same as first year language studies):
 902005Y English 4 Scientific Communication, 3 cr
 904005Y French, 3 cr
 903006Y German, 4 cr

3rd Spring semester

790320A Tourism planning and development, 5 cr
 806110P Basic methods in statistics II, 10 cr
 790351A Bachelor of Science thesis, 8 cr
 790399A Maturity test, 0 cr

DEPARTMENT STAFF

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Heininen, Lassi, Ph.D., Docent in Geopolitics

Heikkilä, Elli, Ph.D., Researcher at the Northern Finland Research Institute, Docent in Population Geography

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Rusanen, Jarmo, Ph.D., Docent in Regional Information Processing

Siuruainen, Eino, Ph.D., Docent in Social Geography

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Amanuensis

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Open Mon. - Thurs. 9 am-5 pm, Fri. 9 am - 3.45 pm. Summer: 9 am - 3 pm

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Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

790342A: Advanced course in GIS, 5 op
 791628S: Advanced course on tourism research, 3 op
 791636S: An introduction to remote sensing, 5 op
 791625S: Analysis and interpretation of the material in physical geography, 7 op
 790347A: Book exam, 5 op
 791630S: Book exam geoinformatic, 3 - 5 op
 792608S: Changing rural areas, 3 op
 752321A: Conservation of Biodiversity, 3 op
 792604S: Courses from a supporting field, 5 - 8 op
 795600S: Courses taken abroad, 0 - 25 op
 795300A: Courses taken abroad, 0 - 25 op
 795301A: Courses taken at other universities and colleges, 0 - 60 op
 795601S: Courses taken at other universities and colleges, 0 op
 795101P: Courses taken at other universities and colleges, 0 - 60 op
 790306A: Developing of remote rural areas, 6 op
 791302A: Environment and society, 5 op
 792623S: Evaluation and Projects, 3 op
 790321A: Field course in Human Geography, 5 op
 790310A: Field course in Physical Geography, 5 op
 792612S: Final Exam, 6 op
 791610S: Final examination I, 5 op
 791614S: Final examination II, 4 - 6 op
 791617S: Final examination III, 9 op
 792617S: GIS Methods in Research, 5 op
 790101P: GIS-basics and Cartography, 5 op
 791613S: GPS basics, 5 op
 790322A: Geographical Information and Research, 5 op
 790340A: Geographies of global development, 5 op
 792620S: Geoinformation, gps and mobile services, 3 op
 791601S: History and philosophy of geography, 5 op
 030005P: Information Skills, 1 op
 791633S: International lectures, 2 op
 790141P: Introduction to planning geography, 5 op
 790104P: Introduction to systematic Human Geography, 5 op
 790152P: Introduction to the discipline of Geography, 5 op
 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
 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
 792301A: Planning in theory and in practise, 5 op
 791621S: Political 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
 792319A: Regional development and regional policy: European Union and the Baltic Sea region, 5 op

791620S: Remote sensing for land use studies, 5 op
 791634S: Remote sensing in land cover mapping, 3 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 Physical 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
 791626S: Special themes of methodology, 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
 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

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.

Person responsible:

Professor Rusanen

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

791636S: An introduction to remote sensing, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Department of Geography

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

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 practises and written raport

Person responsible:

R.Hannila

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

ECTS Credits:

3 cr

Learning outcomes:

Student deepens and widens her/his knowledge on the themes connected to teaching of geography by choosing two books that interest her/him

Contents:

With this exam the geographical content of teaching is widened.

Recommended or required reading:

Two of following books: Raento, Pauliina & Ilkka Lakaniemi (ed) (1999). Yhdysvallat - Näkökulmia jälkiteolliseen yhteiskuntaan. 243 p. Väyrynen, Raimo (1999). Suomi avoimessa maailmassa - Globalisaatio ja sen vaikutukset. 279 p. and/or Vuoristo, Kai-Veikko (1997) Poliittinen maantiede: Etupiirien ja yhteistyön maailma 288 p

Person responsible:

Assistant Vilhelmiina Takanen

Other information:

Book exam

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

Learning outcomes:

Student increases her/his knowledge of other applications in geoinformatics

Contents:

Student does a book examination on geoinformatics related literature based on different applications issues.

Person responsible:

Professor Rusanen

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. 3rd 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.

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

Opettajat: Aino Ala-Rämi

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

ECTS Credits:

5 cr

Learning outcomes:

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.

Person responsible:

Muilu

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

Contents:

Finnish environmental policy

Learning activities and teaching methods:

Kessons (20 hours, in Finnish), seminar (20 hours, in Finnish and in English)

Recommended or required reading:

Sairinen, Rauno (2000). Regulatory Reform of Finnish Environmental Policy. Helsinki University of Technology. 282 p.

Person responsible:

Professor Rusanen

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

Learning outcomes:

Students are able to collect data through field work. She/he is also able to see advantages and limitations of different methodological choices.

Contents:

This course illustrates the most central field work methods applied in human geography. Students prepare portfolios, which include case studies built around a specific and scripted themes. Students collect research material using different field work methods. Data is classified and analyzed.

Person responsible:

Senior assistant Tervo

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

Opettajat: Aino Ala-Rämi

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 I, 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. 2nd edition. 516 p

Person responsible:

Professor Rusanen

791613S: GPS basics, 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

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

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.

Person responsible:

Ala-Rämi, Tervo and Koutaniemi

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

ECTS Credits:

3 cr

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.

Recommended or required reading:

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

Person responsible:

Senior assistant Tervo

Other information:

Book exam

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

Language of instruction:

English

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 (<http://www.kirjasto.oulu.fi/index.php?id=822>)

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 , <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

Ei opintojaksokuvauksia.

790141P: Introduction to planning geography, 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

Contents:

In the course there is analysed the main theories, concepts and practices of planning geography and regional planning. The emphasis is to study planning as tool for spatial and structural development of society. Furthermore, decision making system in Finland and in the European Union is presented and discussed about planning as process as well as contemporary questions in planning.

Recommended or required reading:

Kosonen, M., H.Schulman, M. Valtakari ja P. Viitala (1999). Suunnittelualueena Suomi, 211 s. Yliopistopaino, Helsinki ja Almendinger, P (2002). Planning theory. 239 p. Palgrave, London.

Person responsible:

Professor Jauhiainen

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

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

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.

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:

Professors Karjalainen and Luoto

790102P: Introduction to the systematic Physical Geography, 5 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Department of Geography

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

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

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

5 cr

Contents:

Introduction to 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 also to familiarise students with the basics of individual observation and finding connections between different phenomena.

Recommended or required reading:

Strahler, A.N. & A.H. Strahler (2002,2005). Physical Geography. Science and Systems of the Human Environment (the parts announced by lecturer).

Person responsible:

Professor Luoto

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

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 of 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.

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

Opettajat: Johanna Hautala

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 cr

Recommended or required reading:

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

Person responsible:

Senior assistant Koutaniemi

792301A: Planning 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 cr

Contents:

Aim of the course is to introduce students to theories and practical questions in regional planning. Central themes are sustainable development, environmental impact assessment, local agenda, participating processes.

Recommended or required reading:

Sandercock, L. (1998). Towards cosmopolis. Planning for multicultural cities. 258 p. Wiley, New York and Bäcklund, P., J. Häkli & H. Schulman (eds.) (2002). Osalliset ja osaajat. Gaudeamus, Helsinki.

Person responsible:

Assistant Hautala

791621S: Political geography, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Department of Geography

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

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.

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 administration 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

Opettajat: Aino Ala-Rämi

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: 1 - 5, pass, fail

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

792319A: Regional development and regional policy: European Union and the Baltic Sea region, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Department of Geography

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 cr

Contents:

Course will introduce student to theories and concepts models of regional development and regional policy. Development of regional policy in the European Union is illustrated. Special attention will be paid on the Baltic Sea Region and the Northern Dimension of the European Union.

Recommended or required reading:

Jauhiainen, J. (2000 or newer). Regional Development and Regional Policy. European Union and the Baltic Sea Region. 132 p. Turun yliopiston täydennyskoulutus-keskuksen julkaisu A 79.

Person responsible:

Professor Jauhiainen

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

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

791624S: Research in northern environment, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Department of Geography

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Contents:

: Learning of scientific thinking, to the nature of scientific knowledge, to the research process and to the characteristics of geographical research. In addition to this, there is an introduction to different sampling methods of materials, to quantitative and qualitative examination methods of materials and to how conclusions are made. Field course consists of preparation for the field research and research tasks in a chosen target area.

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

Opettajat: Aino Ala-Rämi

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 Physical 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 cr

Learning outcomes:

Student understands urban social geography from different viewpoints and applies the viewpoints into his/her own experience

Contents:

Literature exam or essay, can substitute for other course in applied geography and regional planning

Learning activities and teaching methods:

Agree literature with the assistant of applied geography and regional planning

Person responsible:

Assistant Hautala

791626S: Special themes of methodology, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Department of Geography

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

Contents:

A series of lectures on a special field of physical geography research and/or adjacent themes.

790346A: Substituting written exam, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Department of Geography

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Timing:

autumn/ spring

Learning outcomes:

A student deepens the knowledge of geographical thinking by selecting one of the following thematic packages (physical/ human/ tourism geography) for the book exam, and substitutes it for the study unit 790303A Special themes in physical geography.

Contents:

Book exam focusing on physical, human or tourism geography.

Learning activities and teaching methods:

book exam

Recommended or required reading:Human geography:

- Knuuttila, S., P.Laaksonen & U. Piela (eds.) (2006). Paikka - eletty, kuviteltu, kerrottu. 343 s.
- WorldWatch Institute(2006). Maailman tila 2006. Intia ja Kiina. 263 s.

Tourism geography:

- Williams, Stephen (1998 or later). Tourism Geography. 212 s. Routledge, London.

and **one of the following** books:

- Järviluoma, Jari & Jarkko Saarinen (eds.) (2001). Luonnon matkailu- ja virkistyskäyttö tutkimuskohteena. Metsäntutkimuslaitoksen tiedonantoja 796. 164 s. Metsäntutkimuslaitos, Rovaniemen tutkimusasema.
- Saarinen, Jarkko & C. Michael Hall (eds.) (2004). Nature-Based Tourism Research in Finland: Local Contexts, Global Issues. Metsäntutkimuslaitoksen tiedonantoja 916. 166 s. Metsäntutkimuslaitos, Rovaniemen tutkimusasema.

Physical geography: Will be announced on noticeboard.

Person responsible:

physical geography: Sanna Varanka; human geography: Vilhelmiina Takanen; tourism geography: Tanja Löytynoja

Other information:

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

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

Timing:

autumn/ spring

Learning outcomes:

A student deepens the knowledge of geographical thinking by selecting one of the following thematic packages (physical/ human/ 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, human or tourism geography

Learning activities and teaching methods:

book exam

Recommended or required reading:Human geography:

- Häkli, J. (1999). Meta hodos. Johdatus ihmismaantieteeseen. 231 s.
- Haarni, T., M. Karvinen, H. Koskela & S. Tani (eds.) (1997). Tila, paikka ja maisema. Tutkimusretkiä uuteen maantieteeseen. 285 s.
- Daniels, P., M. Bradshaw, D. Shaw & J. Sidaway (eds.) (2005). An Introduction to Human Geography. Issues for the 21st century. 2. ed. Chapters 12 and 18 (copies can be borrowed from the responsible person).

Tourism geography:

Choose two of the following books:

- Crouch, David (ed.) (1999). Leisure/tourism geographies. Practices and geographical knowledge. 299 s. Routledge. London
- 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).

Person responsible:

physical geography: Henna Sormunen; human geography: Vilhelmiina Takanen; tourism geography: Tanja Löytynoja

Other information:

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

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

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

Timing:

spring

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

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:

assistant Tanja Löytynoja

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

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

Lectures:

- 16., 18. ja 23.3 at 14-16.00 in seminarhall GO223 /Kauppila (in Finnish)
- 26-29.4 at 14-15.00 in seminarhall GO223 /Becker (in English)

Report work:

- Written report work (16.3) /Pudas
- seminaars 5-6.5 klo 9-12.00 in seminarhall GO223/Pudas

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:

FT Pekka Kauppila
written report Pudas

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

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.

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
essay: Löytynoja

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

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

Recommended or required reading:

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

Person responsible:

Senior assistant Koutaniemi

Other information:

Book exam