

# Opasraportti

## LuTK - Geography (2013 - 2014)

### General information

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

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

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

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

### Teaching

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

In the BSc-studies teaching is organized by lectures, practical training, study circles and seminars. In addition, there are book exams in which the student will read and understand the required knowledge of the given literary and after that he/she goes to exam to answer the exam based on that literary. BSc-studies are combined by basic studies and intermediate studies and they end up with BSc thesis which are normally prepared in the end of the third study year (2nd semester of 3rd year).

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

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

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

Exchange students are recommended to take studies from Basic and Intermediate studies. In case of master level courses (MSc studies, Advanced studies) it is best to contact professor or coordinator before registration to the courses. In the advanced studies, some of the courses are organized in uneven years: please note that information from description of the courses.

More detailed schedule (dates, lecture halls, times) of the courses for semester 1 (Autumn semester) and semester 2 (Spring semester) will be announced later in the web pages of the Department of Geography.

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

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 Ph.D., Adjunctive professor  
 email: topiantti.aikas@oulu.fi  
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## Tutkintorakenteet

Degree of Geography will be performed in two phases:

- 1) Bachelor of Science (BSc) will take three study years.
- 2) Master of Science (MSc) will take two study years.

Studies takes in normal case altogether 5 study years. Annually students will perform approximately 55-60 ECTS. The total sum of ECTS's may vary from 300 ECTS (180 + 120) to 330-350 per student.

Those students who will graduate from the line of Teachers studies, will have 330 or more ECTS in their degree.

## Master of Science, MSc

Tutkintorakenteen tila: archived

Lukuvuosi: 2013-14

Lukuvuoden alkamispäivämäärä: 01.08.2013

### Advanced studies for all students of Geography, 45 ECTS (45 op)

#### **N.B.:**

The major subject for all students is Geography in the Advanced studies. There are two lines of orientation: geography and teaching in geography. The study guide will give more detailed information about those lines of orientation.

The Advanced studies (master level studies, which code letter is "S" that refers to syventävä, i.e. advanced) are divided to two sections: common courses (altogether 45 ECTS) and free choice courses (altogether 35 ECTS). All the common courses have to be performed by the all students. Free choice courses are selected from the module studies which support students own specialization in Geography. Final Exam have to be done to the same module in which the student is making his/her Master Thesis.

#### **About minors in Master studies**

The student can choose minor studies freely in Master level. There have to be altogether 40 ECTS minor studies.

#### **Learning outcomes of the MSc studies**

When the student has finished MSc studies, he/she can:

- to define the most essential traditions and concepts in his/her field of specialization and to define the most central research problems in contemporary studies and in the future,
- to conclude different geographical contexts which have influence to his/her specialization in both practical and conceptual sense.
- to apply his/her earlier knowledge to the new research or teaching challenges and to clarify how different geographical phenomena are connected to each other.
- to analyse the geographical knowledge and information according to profound use of research methods,
- to clarify and to argue the influences for the processes which are linked to his/her field of specialization or to the wider geographical aspects, and

- to diversify geographical understanding by independent research (Master thesis), and to make new initiatives for the tradition and challenges of Geography.

791601S: History and philosophy of geography, 5 op  
 791619S: Pro gradu thesis (Master Thesis), 30 op  
 791639S: Quantitative research methods in Geography, 5 op  
 791631S: Seminar in master's thesis, 5 op

### **Advanced studies based on specialisation (Modules), 35 ECTS (35 - 85 op)**

It is recommended that the student will choose a home module to himself/herself. Module refers to his/her specialization. The student will perform all courses from the home module (25 ECTS) or at least three courses (15 ECTS) and other courses from other modules to fulfill 35 ECTS altogether. In practice, the student will take five courses from home module and two courses from the module(s) which support his/her specialization.

The Final exam will be done to the same module in which he/she is making the Master thesis. Special course is also normally performed to the same module. The courses of the modules are held on every or every second year, i.e. they are possible to carry out in two semesters.

#### **Module of the Regional development and policy**

791610S: Final examination, 5 op  
 791642S: Regional politics, policy and development: Advanced themes, 5 op  
 791641S: Research and application of regional politics, policy and development, 5 op  
 791637S: Special research course in Geography, 5 op  
 791643S: Special research course in geography: Urban and rural areas and dynamics of regional structure, 5 op

#### **Module of the Geoinformatics**

791610S: Final examination, 5 op  
 792617S: GIS Methods in Research, 5 op  
 791613S: Position based analyses and services in geography, 5 op  
 792618S: Project work in GIS and remote sensing (RS), 5 op  
 791637S: Special research course in Geography, 5 op

#### **Module of the Human Geography**

791640S: Contemporary themes in Social Geography, 5 op  
 791610S: Final examination, 5 op  
 791621S: Political geography, 5 op  
 791627S: Research in regional geography, 5 op  
 791637S: Special research course in Geography, 5 op

#### **Module of the Physical Geography**

791610S: Final examination, 5 op  
 791626S: Methodological special themes in Physical Geography, 5 op  
 791636S: Remote sensing in Physical Geography, 5 op  
 791624S: Research in northern environment, 5 op  
 791637S: Special research course in Geography, 5 op

#### **Module of the Tourism Geography**

791610S: Final examination, 5 op  
 791637S: Special research course in Geography, 5 op  
 791632S: Sustainable development and global tourism, 5 op  
 791622S: Tourism, culture and regional images, 5 op  
 791629S: Traditions and current issues in tourism research, 5 op

### **Other Advanced studies**

These courses are so called other studies that can be marked to the Advanced studies in Geography. However, they do not substitute common courses (45 ECTS) and courses of the module studies (35 ECTS). Exception is Studies abroad in which the student can include studies that are made during his/her exchange studies at the University abroad. These courses have to be agreed with professor before the exchange year or exchange period. Other studies are normally made from 5 to 10 ECTS per student and they are so called extra credits. The most important extra credits come from Practical training.

795600S: Courses taken abroad, 0 - 25 op

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

791633S: International lectures, 2 op

791616S: Practical training, 5 op

## Bachelor of Science, BcS

Tutkintorakenteen tila: archived

Lukuvuosi: 2013-14

Lukuvuoden alkamispäivämäärä: 01.08.2013

### Basic studies for all students of Geography (25 op)

#### N.B.:

All the students of the Geography will make Basic studies during the first year. There are five courses in the Basic studies, and they will be made in the 1st and the 2nd semester. The letter code of the Basic studies is "P" (referring to Perus, i.e. Basic).

#### Learning outcomes of the BcS studies

When the student has finished BcS studies, he/she can:

- recognize the most important concepts and traditions in Geography,
- make interpretations of the different phenomena from the fields of physical, cultural and tourism geography and from the fields of the geoinformatics and regional development and policy,
- to carry out independent written reports and cartographic presentations according to standards of the courses,
- to make a study about different geographical phenomena from the different viewpoints of the Geography,
- to make conclusions about geographical phenomena and their influence to physical environment, culture, tourism and regional development, and
- to produce independently geographical knowledge and information that is based on doctrines that he/she has adapted.

790101P: GIS-basics and Cartography, 5 op

790141P: Introduction to Regional Development and Regional Policy, 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

### Intermediate studies for all geography students (33 op)

All the students of the Geography will make some Intermediate studies already during the first academic year. Rest of the Intermediate studies will be carried out during the 2nd and 3rd year. In the Intermediate studies there are courses that are common to all of the students and courses that students can choose according their specialization. Common (compulsory) studies are 33 ECTS and other courses are 68 ECTS (in maximum).

However, students have to perform at least 55 ECTS from Intermediate studies (which letter code in "A" that refers to word "aine", i.e. subject). The Intermediate studies are divided to two groups: common courses (33 ECTS that are compulsory) and free choice courses that student will choose according to his/her specialization of the Geography (at least 22 ECTS). In general, it is normal that students will make more than demanded 55 ECTS in the Intermedia level.

The Intermediate studies will end to the Thesis of the BcS (Bachelor of Science) and to the written maturity test. They are normally performed during the 2nd semester of the 3rd academic year (spring semester).

In this group the Intermediate studies are introduced in the recommended order during the semesters. The Intermediate studies which the student can choose freely are introduced after these (compulsory) courses.

790342A: Advanced course in GIS, 5 op  
 790307A: Changing Europe, 3 op  
 790322A: Geographical Information and Research, 5 op  
 790160A: Introduction to tourism geography, 5 op  
 790399A: Maturity test, 0 op  
 790106A: Region, culture and society, 5 op  
 790323A: Scientific writing in geography, 5 op  
 790351A: Seminar and Thesis of BSc (Bachelor of Science), 10 op

### **Intermediate studies for students of Geography based on specialisation (22 - 68 op)**

The Intermediate studies which the student can choose freely based on his/her specialization will complete the Intermediate studies to 55 ECTS. These courses will be carried out during the 1st, 2nd or 3rd academic year. These free choice studies are minimum 22 ECTS. There are no maximum limit of the free choice studies, but the student have to decide which courses are realistic to carry out in three academic year (in six semesters).

In the following list the free choice Intermediate studies are listed ...

A320302: Geography, intermediate studies, 45 op

### **General studies for all students of Geography (20 op)**

806109P: Basic Methods in Statistics I, 9 op  
 902003Y: English 3 (Reading for Academic Purposes), 3 op  
 902005Y: English 4 (Scientific Communication), 3 op  
 030005P: Information Skills, 1 op  
 790050Y: Orientation, 2 op  
 901004Y: Swedish, 2 - 3 op

### **Minor studies in Geography, BSc-level (vähintään 80 op)**

Minor Studies can be selected freely.

However, the students have to take minor studies (80 ECTS) according the following regulations:

- Three subjects of minor studies (Basic studies, 25 ECTS), i.e. 3 x 25 ECTS and other studies, or
- One subject of minor studies (Basic and Intermediate studies, 60 ECTS) and other studies.

It is strongly recommended that student who will do 60 ECTS (so called large minor studies) from one subject, will take also 25 ECTS studies from one subject.

Minor studies are recommended as follows by the specialization field of Geography:

- Students of Physical Geography can take minors freely. Statistics are recommended.
- Students of Human (cultural) Geography can take minors freely.
- Students of Tourism Geography can take minors freely.
- Students in Regional Development and Regional Policy can take minors freely. Statistics are recommended.
- Students of Geoinformatics can take minors freely. Statistics and Computer Science are recommended.

Students who are participating in the teachers' studies (education of geography teachers in secondary and high schools) have to study Education 60 ECTS and normally Biology 60 ECTS. Biology (60 ECTS) are normally carried out in BSc-studies and Education starts during the 3rd study year (25 ECTS as minor in BSc-level). Studies of Education continue in MSc-studies.

Minor studies can be selected for example from the following subjects: archaeology, animal biology, philosophy, languages and communication studies, geophysics, plant biology, chemistry, cultural anthropology, tourism studies, geology, Rural Studies, sociology, computer science, statistics, future studies, politics, urban planning, environmental studies and economics. More information: from webpages of the departments and study advisors.

## Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

- 790347A: Book exam, 5 op
- 790306A: Developing of remote rural areas, 6 op
- 792301A: Economic Geography and its Applications, 5 op
- 791302A: Environment and society, 5 op
- 790321A: Field course in Human Geography, 5 op
- 790310A: Field course in Physical Geography, 5 op
- 790340A: Geographies of global development, 5 op
- 790346A: Nature conservation: a geographic perspective, 5 op
- 791635A: Physical Geography of Fennoscandia, 5 op
- 790326A: Qualitative research methods, 5 op
- 792319A: Regional politics, policy and development: Northern Europe, 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
- 790348A: Substituting written exam (Hum.g), 5 op
- 790318A: Tourism and culture, 3 op
- 790320A: Tourism planning and development, 5 op
- 790161A: Tourism, sustainability and environment, 5 op
- 790349A: World regional geography, 5 op

## Opintojaksojen kuvaukset

### Tutkintorakenteisiin kuuluvien opintokohteiden kuvaukset

#### **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:**

5 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

1 MSc-year, 1st (or 2nd) semester.

**Learning outcomes:**

This course will deepen the students' knowledge of the historical development of Geography and its philosophical aspects. After the course the student can analyse and interpret philosophical aspects and different methodological approaches of Geography, the development of science and he/she can define the historical and methodological developments of Geography from its early days to contemporary world.

**Contents:**

Lectures will give an image of science and Geography, will teach geographical way of thinking, will lighten the most important turning points of the history and research of Geography. The themes of the (mini-)seminars will approach the geographical research from multiple points of view.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

20 hrs lectures, small presentations, essay seminar.

**Target group:**

Common course to all students of Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

To be announced in the first lecture.

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Pauli Tapani Karjalainen.

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

## 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

**ECTS Credits:**

30 ECTS

**Language of instruction:**

Finnish, Swedish, English or other possible language which is agreed with professors.

**Timing:**

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

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

Independent research report.

**Target group:**

Common course to all students of Geography.

**Prerequisites and co-requisites:**

Recommendation: all the Basic and Intermediate studies are finished and main part of Advanced studies are finished.

**Recommended optional programme components:**

–

**Recommended or required reading:**

–

**Assessment methods and criteria:**

Written Thesis.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

The Thesis will approved and grades the Departmental Council of the Department of Geography, 1–5.

**Person responsible:**

Professors.

**Working life cooperation:**

Yes. Master thesis can be carried out in wider research or development project.

**Other information:**

-

**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

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

1st MSc-year, 1st semester.

**Learning outcomes:**

After this course the student can interpret and analyse the possibilities and limitations of the numeric data. Students can apply the most common quantitative methods in his/her own studies. The use on SPSS-program.

**Contents:**

Different phases of the quatitative research methods and databases. The use SPSS-program.

**Mode of delivery:**

Face-to-face leaning.

**Learning activities and teaching methods:**

20 hrs lectures, 45 hrs practicals, exercise work and exam.

**Target group:**

Common course to all students of Geography.

**Prerequisites and co-requisites:**

Basic methods in statistics (806109P).

**Recommended optional programme components:**

-

**Recommended or required reading:**

To be announced later.

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.



**Person responsible:**

Johanna Hautala, Sanna Varanka.

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

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

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

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

**Opettajat:** Jan Hjort, Saarinen, Jarkko Juhani, Paasi Anssi

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

(1st and) 2nd MSc-year, both semesters.

**Learning outcomes:**

Along with participating to seminars, the student can compare different view points of research and he/she can adapt his/her own Master thesis for wider picture of Geography. In the seminars, the student takes part to the geographical discussions and he/she can argue the results of his/her study.

**Contents:**

There are three types of seminars to carry out. Seminar I, which takes place in the beginning of the seminar- of last study year, is based on research questions, hypothesis, data, methods, preliminary structure of thesis etc. In Seminar II, the student will present the structure of the thesis, theoretical background and the guidelines the empirical field work. In Seminar III the final version of the Master Thesis will be presented. Co-student will act like opponent and working as opponent is obligatory at least once per seminarperiod.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

Seminars.

**Target group:**

Common course to all students of Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Participating to seminars.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Pass / failed.

**Person responsible:**

Professors.

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

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

**Opiskelumuoto:** Advanced 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:**

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

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Book exam.

**Learning activities and teaching methods:**

Book exam.

**Target group:**

Obligatory to all students in Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

See notice boards or contact your own professor.

**Assessment methods and criteria:**

Written exam on general exams of Geography.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Professors

**Working life cooperation:**

No.

**Other information:**

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

## **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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

1st MSc-year, semester 1.

**Learning outcomes:**

Student can analyse regional development and regional policy from the view point of future studies.

**Contents:**

The course will deal with the methodology of future studies and their applications in the field of regional development and regional policy.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

16 hrs lectures, 40 hrs practicals and literature.

**Target group:**

Students specializing in Regional development and regional policy.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

The readings will be announced later

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Sami Moisio

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

## **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

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

1st MSc year, 2nd semester.

**Learning outcomes:**

Student can use the basic elements of research work and can plan and carry out research project.

**Contents:**

Course focuses on central aspects of the research work in the field of regional development and regional policy.

**Mode of delivery:**

Face-to-face learning and visits.

**Learning activities and teaching methods:**

10 hrs lectures, 5 hrs visits to the organisations of regional development. 10 hrs guided practicals and 5 hrs seminar.

Obligatory participation to all.

**Target group:**

Especially students of regional development and regional policy.

**Prerequisites and co-requisites:**

Thesis of BSc have to be done.

**Recommended optional programme components:**

-

**Recommended or required reading:**

To be announced.

**Assessment methods and criteria:**

Seminar report.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Katri Suorsa, Johanna Hautala

**Working life cooperation:**

Yes. This course gives skills to work in research projects.

**Other information:**

Only in Finnish.

**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

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Finnish or English.

**Timing:**

1st or 2nd MSc-year, 1st or 2nd semester.

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

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

**Target group:**

MSc-students of each module.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course can be selected from another module of advanced studies of Geography.

**Recommended or required reading:**

Will be agreed with professor.

**Assessment methods and criteria:**

Written exam on general exams of Geography or other way of performance.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1–5.

**Person responsible:**

Professors

**Working life cooperation:**

Yes. Working in research or development projects gives completion for working after graduation.

**Other information:**

-

**791643S: Special research course in geography: 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 ECTS

**Language of instruction:**

Finnish and partly in English.

**Timing:**

1st year, 2nd semester.

**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.

**Mode of delivery:**

Face-to-face teaching.

**Learning activities and teaching methods:**

Lectures 16 h, practicals 40 h and book exam.

**Target group:**

Especially students who are specializing for regional development and regional policy.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

Woods, M. (2011). Rural. 336 p. Routledge.

**Assessment methods and criteria:**

Exam on exam dates of Geography.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1–5.

**Person responsible:**

Toivo Muilu

**Working life cooperation:**

No.

**Other information:**

This course substitutes earlier course 791643S (Urban and rural areas and dynamics of regional structure).

Partly in English. Exchange students are asked to contact prof. Muilu

(up-date 14.8.2013)

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

**Opiskelumuoto:** Advanced 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:**

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

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Book exam.

**Learning activities and teaching methods:**

Book exam.

**Target group:**

Obligatory to all students in Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

See notice boards or contact your own professor.

**Assessment methods and criteria:**

Written exam on general exams of Geography.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Professors

**Working life cooperation:**

No.

**Other information:**

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

## 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

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

1st or 2nd MSc-year, 2nd semester.

**Learning outcomes:**

Course will deepen geographical thinking and ables to use analysing methods of GIS in practicals and in thesis works.

**Contents:**

Analysing methods of GIS and their application on research.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

14 hrs lectures.

**Target group:**

Especially GIS students.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

**Recommended or required reading:**

To be announced later, webpages of VirtualGIS.

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Jarmo Rusanen

**Working life cooperation:**

No.

**Other information:**

Only 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, Ossi Kotavaara

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Only in Finnish

**Timing:**

1st or 2nd MSc-year, 1st or 2nd semester.

**Learning outcomes:**

Student can use GPS devices; can collect locating based information by GPS.

**Contents:**

Basic methods of GPS and collecting location based geographical information.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

Section of GPS-course: 15 hrs demonstrations and practicals. Section of LBS-course: 8 hrs lectures and seminar report based on brainstorming.

**Target group:**

Especially students of GIS.

**Prerequisites and co-requisites:**

GIS basics and cartography and Advanced course of GIS have to be done.

**Recommended optional programme components:**

Course may be organized in two sections: GPS-section and LBS-section.

**Recommended or required reading:**

Webpages of Virtual GIS.

**Assessment methods and criteria:**

Students will produce a poster.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Pass/failed.

**Person responsible:**

Jarmo Rusanen, Ossi Kotavaara

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

## 792618S: Project work in GIS and remote sensing (RS), 5 op

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

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

**Opettajat:** Rusanen Jarmo Juhani

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Only in Finnish.

**Assessment methods and criteria:**

Read more about [assessment criteria](#) at the University of Oulu webpage.

## 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

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Finnish or English.

**Timing:**

1st or 2nd MSc-year, 1st or 2nd semester.

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

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

**Target group:**

MSc-students of each module.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course can be selected from another module of advanced studies of Geography.

**Recommended or required reading:**

Will be agreed with professor.

**Assessment methods and criteria:**

Written exam on general exams of Geography or other way of performance.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1–5.

**Person responsible:**

Professors

**Working life cooperation:**



Yes. Working in research or development projects gives completion for working after graduation.

**Other information:**

-

## **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

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

1st or 2nd MSc-year, 2nd semester.

**Learning outcomes:**

Student can define, interpret and compare contemporary themes in social geography from viewpoints the theoretical and empirical examples.

**Contents:**

Students are get to know contemporary research themes of social geography by discussions and material that are deal with on lectures. Themes are: relationship between culture and nature, dynamics of social space, diaspora, emotional geography, cosmopolitanism, gender, politics of identities and geography of fear.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

10 hrs lectures, readings, writings, presentations and discussions.

**Target group:**

Students of Human geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

To be announced before course starts.

**Assessment methods and criteria:**

Exam on exam day and other tasks.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Pauli Tapani Karjalainen

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

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

**Opiskelumuoto:** Advanced 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:**

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

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Book exam.

**Learning activities and teaching methods:**

Book exam.

**Target group:**

Obligatory to all students in Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

See notice boards or contact your own professor.

**Assessment methods and criteria:**

Written exam on general exams of Geography.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Professors

**Working life cooperation:**

No.

**Other information:**

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

## 791621S: Political geography, 5 op

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

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

**Opettajat:** Paasi Anssi

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS

**Language of instruction:**

English and/or Finnish.

**Timing:**

1st MSc-year, 2nd semester.

**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, it's 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 otherness.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

14 hrs lectures and a book exam.

**Target group:**

Students in Human and Cultural Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

To be announced in the first lecture.

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Anssi Paasi

**Working life cooperation:**

No.

**Other information:**

This course is organized on every other year, next on spring semester 2015.

**791627S: Research in regional geography, 5 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

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

**Opettajat:** Paasi Anssi

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Finnish and/or English.

**Timing:**

1st or 2nd MSc-year, 2nd semester.

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

Study circle, presentations, book exam.

**Target group:**

Students in Human and Cultural Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

Will be announced in beginning of the course.

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Anssi Paasi.

**Working life cooperation:**

No.

**Other information:**

Course is organized on every other year, next on spring 2016.

**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

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Finnish or English.

**Timing:**

1st or 2nd MSc-year, 1st or 2nd semester.

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

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

**Target group:**

MSc-students of each module.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course can be selected from another module of advanced studies of Geography.

**Recommended or required reading:**

Will be agreed with professor.

**Assessment methods and criteria:**

Written exam on general exams of Geography or other way of performance.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1–5.

**Person responsible:**

Professors

**Working life cooperation:**

Yes. Working in research or development projects gives completion for working after graduation.

**Other information:**

-

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

**Opiskelumuoto:** Advanced 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:**

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

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Book exam.

**Learning activities and teaching methods:**

Book exam.

**Target group:**

Obligatory to all students in Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

See notice boards or contact your own professor.

**Assessment methods and criteria:**

Written exam on general exams of Geography.

Read more about [assessment criteria](#) at the University of Oulu webpage.**Grading:**

1-5.

**Person responsible:**

Professors

**Working life cooperation:**

No.

**Other information:**

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

**791626S: Methodological special themes 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**Voidaan suorittaa useasti:** Kyllä**Required proficiency level:**

Qualitative research methods in Geography

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Finnish and English if needed.

**Timing:**

1st or 2nd MSc-year, 2nd semester.

**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 acknowledges 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.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

Lectures, practicals and practical work

**Target group:**

MSc students in Physical Geography.

**Prerequisites and co-requisites:**

Course Quantitative research methods in geography have to be done.

**Recommended optional programme components:**

-

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Making report and exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Professor Hjort and PhD student in Physical Geography.

**Working life cooperation:**

No.

**Other information:**

Course will be organized in English if needed.

## 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

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

1st or 2nd MSc-year, 1st semester.

**Learning outcomes:**

Student can use the techniques of the remote sensing when he/she is collecting research data, analysing the phenomena of the physical geography and solving research problems.

**Contents:**

Remote sensing that is one of the most central method in the field of physical geography.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

Lectures, practicals and final report.

**Target group:**

Students of physical geography.

**Prerequisites and co-requisites:**

Advanced course in GIS have to be done.

**Recommended optional programme components:**

-

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Written report and exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Jan Hjort.

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

**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 ECTS

**Language of instruction:**

Finnish and English if needed.

**Timing:**

1st or 2nd MSc-year, 1st semester.

**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 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.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

Field work, seminar and practicals

**Target group:**

MSc students in Physical Geography.

**Prerequisites and co-requisites:**

Physical geography of Fennoscandia (book exam) have to be done.

**Recommended optional programme components:**

-

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Professor Hjort and PhD student in Physical Geography.

**Working life cooperation:**

Yes. Working in the field will learn most important field work methods.

**Other information:**

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

N.B.: This course starts at 2nd semester (Lectures) and continues in August (Field work).

## 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

### ECTS Credits:

5 ECTS

### Language of instruction:

Finnish or English.

### Timing:

1st or 2nd MSc-year, 1st or 2nd semester.

### Learning outcomes:

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

### Contents:

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

### Mode of delivery:

Face-to-face learning.

### Learning activities and teaching methods:

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

### Target group:

MSc-students of each module.

### Prerequisites and co-requisites:

-

### Recommended optional programme components:

Course can be selected from another module of advanced studies of Geography.

### Recommended or required reading:

Will be agreed with professor.

### Assessment methods and criteria:

Written exam on general exams of Geography or other way of performance.

Read more about [assessment criteria](#) at the University of Oulu webpage.

### Grading:

1–5.

### Person responsible:

Professors

### Working life cooperation:

Yes. Working in research or development projects gives completion for working after graduation.

### Other information:

-

## 791610S: Final examination, 5 op

**Opiskelumuoto:** Advanced 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:**

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

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Book exam.

**Learning activities and teaching methods:**

Book exam.

**Target group:**

Obligatory to all students in Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

See notice boards or contact your own professor.

**Assessment methods and criteria:**

Written exam on general exams of Geography.

Read more about [assessment criteria](#) at the University of Oulu webpage.**Grading:**

1-5.

**Person responsible:**

Professors

**Working life cooperation:**

No.

**Other information:**

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

**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**ECTS Credits:**

5 ECTS

**Language of instruction:**

Finnish or English.

**Timing:**

1st or 2nd MSc-year, 1st or 2nd semester.

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

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

**Target group:**

MSc-students of each module.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course can be selected from another module of advanced studies of Geography.

**Recommended or required reading:**

Will be agreed with professor.

**Assessment methods and criteria:**

Written exam on general exams of Geography or other way of performance.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1–5.

**Person responsible:**

Professors

**Working life cooperation:**

Yes. Working in research or development projects gives completion for working after graduation.

**Other information:**

-

## 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:**

5 ECTS

**Language of instruction:**

Finnish and English.

**Timing:**

1 MSc-year, 2nd semester.

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

20 hrs lectures, written report and presentation.

**Target group:**

Especially students in Tourism Geography, and Human Geography and teachers.

**Prerequisites and co-requisites:**

-  
**Recommended optional programme components:**

-  
**Recommended or required reading:**

Literature:

- Mowforth, M. ja I. Munt (2009). Tourism and Sustainability.
- Selection of articles: (to be announced during the course)

Other readings:

- Butler, R. ja T. Hinch (toim.) (2007). Tourism and Indigenous Peoples;
- Holden, A. (2008). Environment and tourism;
- Saarinen, J., Becker, F., Manwa, H. ja D. Wilson (toim.) (2009). Sustainable Tourism and Southern Africa;
- Sharpley, R. ja D.J. Telfer (2002). Tourism and Development;
- Saarinen, J. Rogerson, C, ja H. Manwa (toim.) (2012). Tourism and Millennium Development Goals.

**Assessment methods and criteria:**

Written report and exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Jarkko Saarinen

**Working life cooperation:**

No.

**Other information:**

-

## 791622S: Tourism, culture and regional images, 5 op

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

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

**Opettajat:** Saarinen, Jarkko Juhani

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Finnish or English.

**Timing:**

2nd semester (spring semester).

**Learning outcomes:**

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

**Contents:**

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

**Learning activities and teaching methods:**

Lectures 16 hours, study circle and written report.

**Target group:**

Especially students of Tourism Geography.

**Recommended optional programme components:**

-

**Recommended or required reading:**

Will be announced when the course starts.

Other readings:

- Butler, R. & T. Hinch (eds.) (2007). Tourism and Indigenous Peoples.

**Assessment methods and criteria:**

Making a written report and exam on general exams of Geography.  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Jarkko Saarinen

**Other information:**

Course will be organized even years. Next time this course will be on semester 2, 2012.  
(up-date 22.8.2001)

**791629S: Traditions and current issues in tourism research, 5 op**

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

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

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Finnish or English

**Timing:**

1st or 2nd MSc-year, 2nd semester.

**Learning outcomes:**

Following completion of the course the learner will be able to deepen her/his knowledge on the research tradition and current issues in tourism geographies and studies based on the visiting scholars' and PhD students' lectures and demonstrations. The course will provide insights to students on timely issues in tourism research, development, planning and/or management, and the learner will be able to: know and describe the basic concepts and theories of lecture/course subjects; evaluate the importance of lecture/course subjects; contextualise and integrate lecture/course subjects to Finnish or other specific regional context; and demonstrate competencies in oral and written presentations, teamwork and ability to critically evaluate others' viewpoints.

**Contents:**

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

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

16 hrs lectures, learning diary and exam or report.

**Target group:**

Especially students of Tourism Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

Will be announced when the course starts.

**Assessment methods and criteria:**

Written exam on general exams of Geography and making learning diary.  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Jarkko Saarinen.

**Working life cooperation:**

No.

**Other information:**

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

## 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

**ECTS Credits:**

-

**Language of instruction:**

Finnish or English.

**Timing:**

1st or 2nd MSc-years.

**Learning outcomes:**

-

**Contents:**

Studies made in student exchange that cannot substitute from study plan of Geography.

**Mode of delivery:**

-

**Learning activities and teaching methods:**

-

**Target group:**

-

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Compensation must be agreed with professor of each specialization field.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

-

**Person responsible:**

Topiantti Äikäs

**Working life cooperation:**

-

**Other information:**

-

## 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

**ECTS Credits:**

-

**Language of instruction:**

Finnish or English.

**Timing:**

MSc-studies.

**Learning outcomes:**

-

**Contents:**

-

**Mode of delivery:**

-

**Learning activities and teaching methods:**

Studies which are performed outside of the University of Oulu.

**Target group:**

-

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Agreed with professor.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

-

**Person responsible:**

Topiantti Äikäs

**Working life cooperation:**

-

**Other information:**

-

## 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

**ECTS Credits:**

2 ECTS

**Language of instruction:**

Finnish or English.

**Timing:**

1st or 2nd MSc-year, 1st or 2nd semester.

**Learning outcomes:**

With international lectures the student can evaluate and compare different research fields of geography.

**Contents:**

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

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

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

**Target group:**

Voluntary.

**Prerequisites and co-requisites:**

-  
**Recommended optional programme components:**

This course may include lectures from other courses or departments.

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Study diary based on lectures.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Pass/failed.

**Person responsible:**

Topiantti Äikäs

**Working life cooperation:**

No.

**Other information:**

-

## 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

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Finnish or other.

**Timing:**

1st or 2nd MSc-year, 1st or 2nd semester.

**Learning outcomes:**

Student will get to know actual work of geographer.

**Contents:**

Working in public or private sector.

**Mode of delivery:**

Practical work (least 6 weeks).

**Learning activities and teaching methods:**

Written report.

**Target group:**

Voluntary.

**Prerequisites and co-requisites:**

Degree of BSc is advance.

**Recommended optional programme components:**

-

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Written report will be returned to the amanuensis.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Pass/failed.

**Person responsible:**

Topiantti Äikäs

**Working life cooperation:**

Yes. Working in the field of geography.

**Other information:**

More information about applying the financial from the amanuensis.

## 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

**ECTS Credits:**

3 or 5 ECTS

**Language of instruction:**

Finnish, partly in English. English speaking students are asked to contact prof. Rusanen before the course.

**Timing:**

1 year, 2nd semester (spring semester)

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

20 h lectures, 56 h practicals.

**Target group:**

Common course to all 1st year students of Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of the minor studies of GIS.

**Recommended or required reading:**

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

(Peltonen, A. (1988). Peruskartografia. Helsingin yliopiston maantieteen laitoksen opetusmonisteita 32. www-pages of VirtualGIS.)

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1–5.

**Person responsible:**

Professor Rusanen

**Working life cooperation:**

No

**Other information:**

English speaking students are asked to contact prof. Rusanen before the course.

## 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 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

1st year, 1st semester.

**Learning outcomes:**

The student is able to apply the most essential concepts of regional development and regional policy. He/she can tell the historical progress of regional development, regional policy and regional planning of Finland and its relationship to contemporary development of European Union.

**Contents:**

Regional development and regional policy from conceptual and empirical aspects; Theories and mechanisms of RD and RP; Local, national and international development based on regional planning.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

20 hrs lectures, literature and written exam.

**Target group:**

Common course to all 1st year students of Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of minor studies in Geography and minor studies of Regional Development and regional planning.

**Recommended or required reading:**

Moisio, Sami (2012). Valtio, alue, politiikka. Suomen tilasuhteiden sääntely toisesta maailmansodasta nykypäivään. Vastapaino, Tampere.

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Sami Moisio.

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

**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 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

1st year, 2nd semester (spring semester).

**Learning outcomes:**

The aim is to learn the development of Human Geography and contemporary questions of systematic fields of HG.

**Contents:**

Cultural and human phenomena in geographical scale: economy, industry, politics, religion, urban way of life, population, ethnicity, languages, globalization, popular culture and folklore.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

20 hrs lectures, 56 hrs practical's and written report. Final grade is based on exam and report (fifty-fifty).

**Target group:**

Common course to all 1st year students of Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of the minor studies of Geography.

**Recommended or required reading:**

- De Blij, H. (1996). Human Geography: Culture, Society, and Space.
- Jordan, T. & Domosh, M. & L. Rowentree (1994 tai uudempi). The Human Mosaic: A Thematic Introduction to Cultural Geography.

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Petri Hottola (lectures) ja Vilhelmiina Vainikka (practicals).

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

## 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 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

BSc, 1st year, 1st semester

**Learning outcomes:**

With this course the students can analyse the history of Geography and contents of its different fields, concepts and research aspects.

**Contents:**

Lectures will give a general image of Geography as an independent discipline. It will be done by analysing history, concepts and research aspects.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

20 hours lectures, literature and written exem.

**Target group:**

Obligatory for all the 1st year students of Geography.

**Prerequisites and co-requisites:**

**Recommended optional programme components:**

Course is part of the minor studies of Geography.

**Recommended or required reading:**

- Crang, M. (1998). Cultural Geography. 213 p.
- and readings of the Physical Geography.

**Assessment methods and criteria:**

On exam day of Geography.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Petri Hottola and Jan Hjort

**Working life cooperation:**

No.

**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 ECTS

**Language of instruction:**

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

**Timing:**

1 year, 2nd semester (spring semester)

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

20 h lectures, 56 h practical's.

**Target group:**

Common course to all 1st year students of Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of the minor studies of Geography.

**Recommended or required reading:**

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

**Assessment methods and criteria:**

Written exam on general exams of Geography.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1–5.

**Person responsible:**

Jan Hjort.

**Working life cooperation:**

No.

**Other information:**

Exchange students are asked to contact prof. Hjort before the course.

## 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:**

5 ECTS

**Language of instruction:**

Finnish, partly in English. English speaking students are asked to contact prof. Rusanen before the course.

**Timing:**

2nd year, 1st semester.

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

2 h lectures, pre seminar 10 h and 66 h practicals.

**Target group:**

Common course to all students of Geography.

**Prerequisites and co-requisites:**

Course 790101P, GIS basics and cartography (or corresponding studies in Exchange students' home university).

**Recommended optional programme components:**

Course is part of minor studies of GIS.

**Recommended or required reading:**

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

**Assessment methods and criteria:**

Preparation of the practicals and seminar work.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1–5.

**Person responsible:**

Jarmo Rusanen, Heidi Määttä-Juntunen, Joonas Ujanen

**Working life cooperation:**

No.

## 790307A: Changing Europe, 3 op

**Voimassaolo:** - 31.08.2014

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

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

**Opettajat:** Niskala, Maaria Hellevi

**Opintokohteen kielet:** English

**ECTS Credits:**

3 ECTS

**Language of instruction:**

Les conférences sont en anglais.

**Timing:**

2nd year, 1st semester.

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

face-to-face learning.

**Learning activities and teaching methods:**

10 h lectures and exam.

**Target group:**

Common course to all 1st year students of Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of minor studies of Geography.

**Recommended or required reading:**

- McNeill, Donald (2004). New Europe: Imagined Spaces. Arnold, London 206 p.

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1–5.

**Person responsible:**

Elise Lepý

**Working life cooperation:**

No.

**Other information:**

All the lectures and exam will be in English

(up-date 17.8.2011)

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

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

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

**Opettajat:** Paasi Anssi, Janne Alahuhta

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

2 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

1st year, 1st semester.

**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.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

12 hrs lectures, written exam.

**Target group:**

Common course to all 1st year students of Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of minor studies of Geography.

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Petri Hottola, Sami Moio, N.N. (open)

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

**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 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

1st year, 1st semester.

**Learning outcomes:**

Student will learn about the tourism phenomenon and its regional and development characteristics and impacts. After the course the student can define and interpret different aspects of the tourism geography and its subject matters.

**Contents:**

Basic concepts of the tourism phenomena, spatial characteristics of tourism and its development aspects.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

16 h lectures, exam.

**Target group:**

Common course to all 1st year students of Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of the minor studies of Tourism studies.

**Recommended or required reading:**

- Hall, C.M., Muller, D.K. and J. Saarinen (2009). Nordic Tourism: Issues and Cases.
- Hall, C.M. and S. Page (1999 or later edition). The Geography of Tourism and Recreation - Environment, Place and Space (partly)

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Jarkko Saarinen.

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

## 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

**ECTS Credits:**

0 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

3rd year, 2nd semester.

**Learning outcomes:**

General writing based on student's BSc-thesis.

**Contents:**

Written exam based on student's BSc-thesis. In the exam the student will represent good and sufficient level of native language (Finnish).

**Mode of delivery:**

Written exam based on BSc-thesis.

**Learning activities and teaching methods:**

Ibid.

**Target group:**

Common course to all students of Geography.

**Prerequisites and co-requisites:**

BSc-thesis.

**Recommended optional programme components:**

Exam proves that the student is familiar to his/her field of study.

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Written exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Pass / failed.

**Person responsible:**

Human Geography: Petri Hottola, Regional development and regional policy: Katri Suorsa, Physical Geography: N.N. (open).

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

**790106A: Region, culture and society, 5 op****Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Paasi Anssi**Opintokohteen kielet:** Finnish**ECTS Credits:**

5 ECTS

**Language of instruction:**

English

**Timing:**

2nd year, 1st semester.

**Learning outcomes:**

A student can explain and represent the main ideas of regional geography, theoretical and practical meanings of concept 'region' and the role of region in order to manage society and culture.

**Contents:**

Development of (contemporary) regional geography, theoretical meanings of concept 'region', region and power. Lecture serves different fields of specialization.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

16 h lectures are in English.

**Target group:**

Common course to all students of Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of minor studies of Geography.

**Recommended or required reading:**

Material will be delivered during the course.

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.**Grading:**

1–5.

**Person responsible:**

Anssi Paasi.

**Working life cooperation:**

No.

**Other information:**

Exam is both in Finnish and in English (for English speaking students).

**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.

**Assessment methods and criteria:**

Read more about [assessment criteria](#) at the University of Oulu webpage.

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

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

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

**Opettajat:** Janne Alahuhta

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

13 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

3rd year, both semesters.

**Learning outcomes:**

After course the student is able to produce independent research by using most essential research methods.

**Contents:**

Course has two phases: seminar (autumn semester) and BSc-thesis (spring semester). There will be separate seminars in three fields: in Human Geography, in Physical Geography and in Regional development and regional policy. Seminar work will be continued in BSc-thesis which is written report about the field of research traditions, concepts and actual questions. The thesis of BSc will approve students' skills to produce independent academic research work.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

10 hrs lectures and seminar work (autumn semester) and written report (on December). BSc-thesis (20-30 pages) will be written thesis that is presented in March in BSc-seminar. Maturity test will be written in the end of 3rd year (April or May).

**Target group:**

Common course to all students of Geography.

**Prerequisites and co-requisites:**

Basic and Intermediate studies.

**Recommended optional programme components:**

-

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Returning the seminar work and BSc-thesis. Seminars.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Human Geography: Petri Hottola, Regional development and regional policy: Katri Suorsa, Physical Geography: N.N. (open)

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

**A320302: Geography, intermediate studies, 45 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Study module

**Vastuuyksikkö:** Department of Geography

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

## 806109P: Basic Methods in Statistics I, 9 op

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Mathematical Sciences

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

**Opettajat:** Jari Pääkkilä

**Opintokohteen oppimateriaali:**

**Grönroos, Matti (2)** , , 2003

**Heikkilä, Tarja** , , 1998

**Helenius, Hans** , , 1989

**Ranta, Esa (2)** , , 1991

**Wild, Christopher J.** , , 2000

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

- 806119P A Second Course in Statistics 5.0 op
- 806116P Statistics for Economic Sciences 5.0 op
- 806117P Analysis of continuous response variable 5.0 op
- ay806109P Basic Methods in Statistics I (OPEN UNI) 9.0 op

**ECTS Credits:**

9 cr

**Learning outcomes:**

On successful completion of this course, the student will be able to

- use basic methods of collecting and describing data
- apply methods of statistical inference in some simple situations
- interpret listing of some statistical software

**Contents:**

Principles of collecting data and describing data with suitable tables, graphs and numerical measures are treated. The basic idea of estimation and statistical tests will be presented as well as some of the most common used confidence intervals and statistical tests. One aim is also to give basic knowledge from some statistical software.

**Person responsible:**

Marjatta Mankinen (economics) and Jari Pääkkilä (others)

## 902003Y: English 3 (Reading for Academic Purposes), 3 op

**Voimassaolo:** 01.08.1995 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Language Centre

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

**Opintokohteen kielet:** English

**Proficiency level:**

B2/C1 on the [Common European Framework of Reference](#) scale.

**Status:**

This course is mandatory for students of Geography. Please consult the Faculty Study Guide to establish other alternatives within the language requirements in your degree programme.

**Required proficiency level:**

English must have been the A1 or A2 language at school, or equivalent English skills should have been acquired otherwise.

**ECTS Credits:**

3 ECTS credits (total work load 80 hours including classroom meetings and homework).

**Language of instruction:**

English

**Timing:**

1st year autumn term

**Learning outcomes:**

By the end of the course, you are expected

- to have acquired effective vocabulary learning techniques by being able to distinguish parts of words to infer meanings
- to understand and be able to construct basic grammatical structures used in formal written English
- to be able to utilize text structure and cohesion markers when reading academic texts
- to be able to apply effective reading techniques and have necessary skills to extract global and detailed information with considerable ease and speed from general texts related to Natural Sciences as well as texts /textbooks of their own field

**Contents:**

In this course, students improve their understanding of written academic English used in texts in Natural Sciences as well as expand their general and scientific vocabulary. Students become aware of their own role in learning and use a variety of different study methods in order to develop their own language learning strategies, which will enhance their academic English. Students show their awareness and their own responsibility in reflective tasks.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

The course is closely integrated with first year autumn geography courses and it includes 40 hours of instruction in class and 40 hours of self-study.

**Target group:**

1st year students of Geography

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

In addition to this course, students are required to take 902005Y Scientific Communication.

**Recommended or required reading:**

Set books for substance studies and other written materials. Further information will be given in the first lesson.

**Assessment methods and criteria:**

Continuous assessment takes into account active and regular participation in classroom sessions and successful completion of all homework tasks, vocabulary quizzes, and an end of course exam.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Pass/Fail

**Person responsible:**

Karen Niskanen

**Working life cooperation:**

-

**Other information:**

N.B. Students with grades *laudatur* or *eximia* in their A1 English school-leaving examination can be exempted from this course and will be granted the credits by the Faculty of Science.

**Retake examinations:** Two retake examinations are allowed on the dates set by the Extension School. See the dates and registration instructions at: <http://www oulu.fi/kielikoulutus>

## 902005Y: English 4 (Scientific Communication), 3 op

**Voimassaolo:** 01.08.1995 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Language Centre

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

**Opintokohteen kielet:** English

**Leikkaavuudet:**

ay902005Y English 4 (Scientific Communication) (OPEN UNI) 3.0 op

**Proficiency level:**

B2/C1 on the CEFR scales for Speaking , Listening , Writing

**Status:**

This course is mandatory for students of geography who will have English as their foreign language in their B.Sc. degree. This includes the students who were exempted from 'Reading for Academic Purposes' (902003Y).

**Required proficiency level:**

The students taking this course must have had English as an A1 or A2 language (or equivalent English skills should have been acquired otherwise). The course 'Reading for Academic Purposes' (902003Y) is a pre-requisite (unless exempted).

**ECTS Credits:**

The student workload is 80 hours/ 3 ECTS credits.

**Language of instruction:**

English

**Timing:**

Geography , 3rd year autumn term

**Learning outcomes:**

By the end of the course you are expected:

1. to have provided evidence of oral fluency in pair work communication and small group discussions.
2. to have developed effective language learning strategies through autonomous homework.
3. to have demonstrated the ability to prepare and present scientific subjects, using appropriate field-related vocabulary.
4. to have demonstrated lecture listening skills in field-related situations.

**Contents:**

Skills in listening, speaking, and giving presentations are practised in the course. Homework tasks include autonomous work to support the classroom learning and the task of preparing and presenting a scientific presentation.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

Contact teaching 40 hours, homework 40 hours

**Target group:**

3rd year students of Geography

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Also required: [902003Y Reading for Academic Purposes Englannin kieli 3](#)

**Recommended or required reading:**

Course materials will be provided by the teacher and a copy fee will be collected.

**Assessment methods and criteria:**

Continuous assessment is based on regular attendance, active participation in all lessons and successful completion of all homework tasks, including the final presentation.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

pass / fail

**Person responsible:**

Karen Niskanen

**Working life cooperation:**

-

**Other information:**

**Alternative method of course completion:** An optional exemption test is offered twice per year. The student can only participate in the exemption exam once. See [exemption exam details and schedule](#).

## 030005P: Information Skills, 1 op

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Technology

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

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

030004P Introduction to Information Retrieval 0.0 op

**ECTS Credits:**

1 ECTS credit

**Language of instruction:**

Finnish

**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.

**Mode of delivery:**

Blended teaching: classroom training, web-based learning material and exercises in Optima environment, a final assignment on a topic of the student's own choice

**Learning activities and teaching methods:**

Training sessions 8h, group working 7h, self-study 12h

**Target group:**

Compulsory for all students of the Faculty of Technology. In the Faculty of Science the course is compulsory for students of biology, physics, geosciences, chemistry, geography and information processing science. The course is optional for students of biochemistry and mathematics.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

Web learning material <https://wiki oulu.fi/display/030005P>.

**Assessment methods and criteria:**

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

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

pass/fail

**Person responsible:**

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

**Working life cooperation:**

-

**Other information:**

-

**790050Y: Orientation, 2 op**

**Opiskelumuoto:** General Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

2 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

1st year, 1st semester.

**Learning outcomes:**

With this first course the students starts to integrate to the study system and field of Geography. Students are planning their own study paths.

**Contents:**

Small group sessions with older Geography students, advising, meetings.

**Mode of delivery:**

Face-to-face meetings, small group meetings.

**Learning activities and teaching methods:**

Small group meetings, lectures, other meetings in total 20 hrs.

**Target group:**

Common course to all 1st year students.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Active participation to all meetings and making each personal study plan.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Pass/failed.

**Person responsible:**

Topiantti Äikäs.

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

**901004Y: Swedish, 2 - 3 op**

**Voimassaolo:** 01.08.1995 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Language Centre

**Opintokohteen kielet:** Swedish

**Leikkaavuudet:**

901035Y Second Official Language (Swedish), Oral Skills 1.0 op

901034Y Second Official Language (Swedish), Written Skills 1.0 op

ay901004Y Swedish (OPEN UNI) 2.0 op

**Proficiency level:**

B1/B2/C1 (CEFR scale)

**Status:**

This course is compulsory to all students except those who have at least 60 ECTS credits of Swedish studies in their degrees. The language proficiency provided by the course unit is equivalent to the language proficiency required of a state official with an academic degree working in a bilingual municipality area (Act 424/03 and Decree 481/03).

**Required proficiency level:**

The required starting proficiency level for students of all faculties is a grade of 7 or higher from the Swedish studies at secondary school (B-syllabus) or matriculation examination grade A - L or a passing grade from the Brush up course in Swedish 901018Y.

If a student doesn't meet these requirements or his/her language skills are otherwise lacking, he/she must achieve the required proficiency level BEFORE taking this compulsory Swedish course

**ECTS Credits:**

2 ECTS credits (Biochemistry 3 ECTS credits)

**Language of instruction:**

Swedish

**Timing:**

See the study guide of the Faculty of Science.

**Learning outcomes:**

Upon completion of the course the student should have acquired the necessary proficiency level in Swedish to be able to manage in the most common communication situations related to his/her professional work tasks. He/she should be able to use basic grammatical structures fairly well in both speech and writing. He/she should be able to

use the most common situational phrases understandably in various communication situations. He/she should be able to find the main points in general academic texts and texts related to his/her field of study and relay this information to colleagues or an audience of laymen using Swedish. He/she should be able to write short texts relating to his/her field of study.

**Contents:**

Communicative oral and written exercises, which aim to develop the student's Swedish proficiency in areas relevant to his/her academic field and future professional tasks. The student practises oral presentation and pronunciation. Situational oral exercises done individually and in pairs and groups. Discussions in small groups. Current texts about the student's special field. Listening comprehension exercises. Written exercises relating to the student's professional field.

**Mode of delivery:**

Contact teaching

**Learning activities and teaching methods:**

2 ECTS credits: 28 hours of contact teaching (1 x 180 minutes per week) and related exercises, self-directed study. The course unit's total workload is 53 hours.

3 ECTS credits (biochemistry): 45 hours of contact teaching (2 x 90 minutes per week) and related exercises, 35 hours of self-directed study. The course unit's total workload is 80 hours.

**Target group:**

Students of the Faculty of Science

**Prerequisites and co-requisites:**

See Required Proficiency Level

**Recommended optional programme components:**

-

**Recommended or required reading:**

The material, which is special field-specific, authentic and up to date, is distributed during the course. Students must pay for their course material.

**Assessment methods and criteria:**

The course focuses on improving both oral and written language skills and requires active attendance and participation in exercises, which also require preparation time. 100% attendance is required. The course unit tests both oral and written language skills. Students participate in the teaching in either autumn semester or spring semester.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Assessment is based on continuous assessment and exams. Approved completion of the course unit requires that the student achieves at least satisfactory oral and written language skills. The grades are based on continuous assessment and the course exams. Oral and written language skills are graded separately. The possible grades are satisfactory skills (CERF proficiency level B1) and good skills (CERF proficiency levels B2-C1). For more information on the proficiency levels of oral and written language skills, see Assessment Criteria (in Finnish).

**Person responsible:**

Lecturer Rauno Varonen

**Working life cooperation:**

-

**Other information:**

Teaching will begin according to the schedule

## Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

### 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 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

2nd or 3rd year, 1st or 2nd semester.

**Learning outcomes:**

Student recognizes and interprets the connections of the geographical teaching and aspects of everyday life.

**Contents:**

Multiple geography studies in sense of teaching.

**Mode of delivery:**

Book exam.

**Learning activities and teaching methods:**

Book exam.

**Target group:**

For the students of geography teaching.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of minor studies of Geography for teachers.

**Recommended or required reading:**

Two off three following books:

- Worldwatch Institute (2008). Maailman tila 2008 kestävä talous. 267 s.
- Kaivola, Taina & Hannele Rikkinen (toim.) (2003). Nuoret ympäristöissään: lasten ja nuorten kokemusmaailma ja ympäristömielikuvat. 307 s.
- Lehtinen, Ari (toim.), (2005). Maantiede, tila, luontopolitiikka: johdatus yhteiskunnalliseen ympäristötutkimukseen. 309 s.

N.B.: Exam is possible to perform only in Finnish.

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Vihelmiina Vainikka.

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

## 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:**

**ECTS Credits:**

6 ECTS

**Language of instruction:**

Only in Finnish

**Timing:**

3rd year, 2nd semester. (Organized in every second year; more information from prof. Toivo Muilu.)

**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.

**Contents:**

Development of remote rural areas. Background of development actions and examples of development acts.

**Mode of delivery:**

Organized in the OPTIMA network environment.

**Learning activities and teaching methods:**

Course will be carried out in OPTIMA-studynetwork. 16 h lectures, 32 h directed and individual seminars, essay (ca. 10-15 pages).

**Target group:**

Optional (see: other information)

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

This course is part of the Rural Studies.

**Recommended or required reading:**

To be announced in the beginning of the course.

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Toivo Muilu.

**Working life cooperation:**

No.

**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.

Only in **Finnish**.

## 792301A: Economic Geography and its Applications, 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:**

2nd year, 1st semester (autumn semester)

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

18 hrs lectures, 6 hrs seminars, learning diary and exam.

**Target group:**

Obligatory for students of the regional development and regional policy, others voluntary.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of minor studies of regional development and regional policy.

**Recommended or required reading:**

- Bathelt, H. & J. Glückler (2011). The Relational Economy. Geographies of the Knowledge Economy. Oxford University Press, Oxford.

**Assessment methods and criteria:**

Exam on exam day, learning diary and seminar reports.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1–5.

**Person responsible:**

Katri Suorsa and Johanna Hautala.

**Working life cooperation:**

No.

**Other information:**

Exchange students are asked to contact Ms. Suorsa before taking this course.

**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:**

5 ECTS

**Language of instruction:**

Finnish and English.

**Timing:**

2nd year, 1st semester (autumn semester).

**Learning outcomes:**

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

**Contents:**

Exchange students are asked to contact prof. Rusanen before taking this course.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

Lectures (8 h) and seminar work.

**Target group:**

Voluntary.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of minor studies of Environment protection (also able to students of Georaphy).

**Recommended or required reading:**

Will be announced.

**Assessment methods and criteria:**

Exam on exam day and written seminar report.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1–5.

**Person responsible:**

Jarmo Rusanen

**Working life cooperation:**

No.

**Other information:**

Exchange students are asked to contact prof. Rusanen before taking this course.

**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

**ECTS Credits:**

5 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

2nd year, 2nd semester.

**Learning outcomes:**

Student is able to use basic field methods in Human Geography in different research situations and phases.

Student can analyse the collected data and realizes the limitations and advances of different types of data that is collected from the field.

**Contents:**

During the course the students will be familiarized to different field methods of Human Geography.

**Mode of delivery:**

Face-to-face learning and field works.

**Learning activities and teaching methods:**

4 hrs preliminary lectures, 50 hrs practicals and seminar.

**Target group:**

For the students of Human Geography, Geoinformatics, Tourism Geography and Regional development and regional policy.

**Prerequisites and co-requisites:**

Course "Qualitative research methods" have to be done.

**Recommended optional programme components:**

Course is part of the minor studies of Geography.

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Seminar report.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Petri Hottola.

**Working life cooperation:**

Yes. Field work methods.

**Other information:**

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

**Opettajat:** Janne Alahuhta

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

790324A Field course in Physical Geography 10.0 op

**ECTS Credits:**

7 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

1st year, 2nd semester (and next August).

**Learning outcomes:**

After the field course, the student is able "to read" the nature and use common field methods in Physical Geography.

**Contents:**

Bedrock, soil, vegetation, water, air - by testing various natural elements and making field research the aim is to learn how these things are combined together.

**Mode of delivery:**

Face-to-face learning and field working.

**Learning activities and teaching methods:**

Field course is on August. Report and preparation starts on spring semester. 20 hrs lectures and 100 hrs field working.

**Target group:**

Obligatory for students of Physical Geography and teachers.

**Prerequisites and co-requisites:**

Course 790102P have to be done before field course.

**Recommended optional programme components:**

Course is part of the minor studies of Geography.

**Recommended or required reading:**

Selected articles.

**Assessment methods and criteria:**

Exam during the field work and practicals.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Sanna Varanka.

**Working life cooperation:**

Yes.

**Other information:**

Only in Finnish.

## 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 ECTS

**Language of instruction:**

Finnish or English.

**Timing:**

2nd or 3rd year, 1st or 2nd semesters (autumn or spring semesters).

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Book exam.

**Learning activities and teaching methods:**

Book exam.

**Target group:**

Compulsory for teachers, others obligatory.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

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

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1–5.

**Person responsible:**

Juha Ridanpää (1st semester, autumn 2012), Petri Hottola (2nd semester, spring 2013).

**Working life cooperation:**

No.

## 790346A: Nature conservation: a geographic perspective, 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:**

Only in Finnish.

**Timing:**

2nd or 3rd year, 1st or 2nd semester.

**Learning outcomes:**

Student is able to define and apply the most essential concepts of the discipline from the view point of Physical Geography.

**Contents:**

The student deepens his/her geographical way of thinking according to his/her interest by reading the material of Physical Geography and thus substitutes the course "Special themes in Physical Geography" (790303A).

**Mode of delivery:**

Book exam.

**Learning activities and teaching methods:**

Book exam.

**Target group:**

Voluntary, substitutes the course "Special themes in Physical Geography" (790303A).

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

Exam is only in Finnish.

The collection of articles is able to ask from responsible person of the course.

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Sanna Varanka

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

**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:**

5 ECTS

**Language of instruction:**

Finnish and English

**Timing:**

2nd or 3rd year, 1st or 2nd semester.

**Learning outcomes:**

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

**Contents:**

Physical geography of the Fennoscandia.

**Mode of delivery:**

Book exam.

**Learning activities and teaching methods:**

Book exam.

**Target group:**

Obligatory for teachers, others voluntary.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of minor studies of Geography.

**Recommended or required reading:**

- Seppälä, Matti (ed.) (2005). Physical Geography of Fennoscandia, 1st ed. 432 s. Oxford University Press (chapters 2-11 ja 20-23).

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Janne Alahuhta

**Working life cooperation:**

No.

## 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 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

2nd year, 2nd semester.

**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.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

6 hrs lectures, 20 hrs practicals, seminar report.

**Target group:**

For the students of Human Geography, Geoinformatics, Tourism Geography and Regional development and regional policy.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of minor studies of Geography and the themes of this course continues in the course "Field course in human geography".

**Recommended or required reading:**

To be announced later.

**Assessment methods and criteria:**

Preparing the report.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Petri Hottola.

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

## 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 ECTS

**Language of instruction:**

Finnish and partly in English.

**Timing:**

2nd year, 1st semester (autumn semester)

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

8 hrs lectures and 12 hrs reading circle.

**Target group:**

Obligatory for the students of regional development and regional policy, others voluntary.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of minor studies of regional development and regional policy.

**Recommended or required reading:**

To be announced later (book and articles).

**Assessment methods and criteria:**

Learning diary and reading circle (obligatory participation).

Read more about [assessment criteria](#) at the University of Oulu webpage.**Grading:**

1–5.

**Person responsible:**

Eeva-Kaisa Prokkola

**Working life cooperation:**

No.

**Other information:**

Exchange students are asked to contact Mrs. Prokkola before taking this course.

**790305A: Special themes in Human Geography, 5 op****Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Department of Geography**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Paasi Anssi**Opintokohteen kielet:** Finnish**Voidaan suorittaa useasti:** Kyllä**ECTS Credits:**

5 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

1st year, 2nd semester.

**Learning outcomes:**

After lectures the student is familiar with the research fields of cultural geography of the department and their research practices. The reading circle aims to deep students skills to discuss about different aspects of the contemporary approaches of the cultural geography.

**Contents:**



The aim is to make student to interpret and understand cultural reality in geographical way. Working takes place in small reading groups and lectures will lead to the selected themes of the cultural geography.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

20 hrs lectures and reading circle (12 hrs meetings).

**Target group:**

Obligatory for students of Human Geography and HG-orientated teachers.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of the minor studies of Geography for students of Biology (teachers). This course is possible to perform by substituting book exam (790348A).

**Recommended or required reading:**

Reading circle:

- Häkli, J. (1999). Meta hodos: johdatus ihmismaantieteeseen. 231 s.
- Other readings, to be announced later.

**Assessment methods and criteria:**

There is no exam, but obligatory participating for lectures (8 of 10). Learning diary will be returned to the person in charge.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Petri Hottola (Lectures), Vilhelmiina Vainikka (Reading circle).

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

## 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

**ECTS Credits:**

3 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

1st year, 2ns semester.

**Learning outcomes:**

After this course, the student is able to define and interpret the phenomena of physical nature.

**Contents:**

Special characteristics of northern nature.

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

8 hrs lectures, 20 hrs practicals and report.

**Target group:**

Obligatory for students of Physical Geography and teachers.

**Prerequisites and co-requisites:**

GIS Basics and Cartography (790101P)

**Recommended optional programme components:**

Course is part of the minor studies of Geography. Course is also possible to perform by substituting book exam (790346A)

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Learning diary and report.

Read more about [assessment criteria](#) at the University of Oulu webpage.**Grading:**

1-5.

**Person responsible:**

N.N. (open)

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

**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:**

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

**Learning outcomes:**

Student understands theories and conceptual challenges of planning in relation to complex and uncertain society.

**Contents:**

Book exam.

**Mode of delivery:**

Book exam.

**Learning activities and teaching methods:**

Book exam.

**Target group:**

Students specializing in Regional Development and Policy, voluntary for others.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

- Hillier J & P Healey (2010) (eds.) The Ashgate research companion to planning theory: conceptual challenges for spatial planning. The test does not include the following chapters: 3, 8, 10, 12, 14 and 16. All the other content will be included in the test.

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.**Grading:**

1-5.

**Person responsible:**

Satu Kivelä

**Working life cooperation:**

No.

**Other information:**

Exchange students are asked to contact Ms. Kivelä before registration.

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

Only in Finnish.

**Timing:**

2nd or 3rd year, 1st or 2nd semester.

**Learning outcomes:**

Student is able to define and apply the most essential concepts of the discipline from the view point of Human Geography.

**Contents:**

The student deepen his/her geographical way of thinking according to his/her interest by reading the material of Physical Geography and thus substitutes the course "Special themes in Human Geography" (790305A).

**Mode of delivery:**

Book exam.

**Learning activities and teaching methods:**

Book exam.

**Target group:**

Voluntary, substitutes the course "Special themes in Human Geography" (790305A).

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

Exam is only in Finnish.

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Vilhelmiina Vainikka

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

## 790318A: Tourism and culture, 3 op

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

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

**Opettajat:** Kaarina Tervo-Kankare

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay790318A Tourism and culture (OPEN UNI) 3.0 op

**ECTS Credits:**

3 ECTS

**Language of instruction:**

Only in Finnish.

**Timing:**

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.

**Learning outcomes:**

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

**Contents:**

Ibid.

**Target group:**

Students of the minor subject studies (Tourism, 25 ECTS).

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of the minor studies of Tourism Geography.

**Recommended or required reading:****Assessment methods and criteria:**

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1-5.

**Person responsible:**

Kaarina Tervo-Kankare

**Working life cooperation:**

No.

**Other information:**

Only in Finnish.

**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 ECTS

**Language of instruction:**

Finnish and English.

**Timing:**

3 year, 2nd semester (spring semester).

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Face-to-face learning.

**Learning activities and teaching methods:**

16 hrs lectures, written seminar work and presentation, exam.

**Target group:**

Voluntary but recommended to students who're specialising to Tourism Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of minor studies tourism geography.

**Recommended or required reading:**

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

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1–5.

**Person responsible:**

Jarkko Saarinen

**Working life cooperation:**

No.

**Other information:**

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

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

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Department of Geography

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

**Opettajat:** Kaarina Tervo-Kankare

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

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

**ECTS Credits:**

3 ECTS

**Language of instruction:**

Finnish and English.

**Timing:**

2nd year, 1st semester (autumn semester)

**Learning outcomes:**

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

**Contents:**

Special questions of the sustainable development in the field of tourism research.

**Mode of delivery:**

Face-to-face learning

**Learning activities and teaching methods:**

8 h lectures and written essay.

**Target group:**

Students of geography who will specialize to Tourism Geography.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of minor studies tourism geography.

**Recommended or required reading:**

- Fennel, David A (1999 or later version). Ecotourism – an introduction (partly).
- Articles (announced during lectures).

**Assessment methods and criteria:**

Written exam on general exams of Geography.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1–5.

**Person responsible:**

Jarkko Saarinen

**Working life cooperation:**

No.

**Other information:**

The course is in English.

**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:**

5 ECTS

**Language of instruction:**

Finnish and English.

**Timing:**

2nd or 3rd year, 1st or 2nd semester.

**Learning outcomes:**

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

**Contents:**

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

**Mode of delivery:**

Book exam.

**Learning activities and teaching methods:**

Book exam.

**Target group:**

Obligatory to the teachers, other voluntary.

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

Course is part of the minor studies of geography.

**Recommended or required reading:**

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

**Assessment methods and criteria:**

Exam on exam day.

Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

1–5.

**Person responsible:**

Janne Alahuhta

**Working life cooperation:**

No.