

Opasraportti

FSci - Degree Programme in Geography (2019 - 2020)

Tutkintorakenteet

Master of Science, MSc (copy) (copy)

Tutkintorakenteen tila: archived

Lukuvuosi: 2019-20

Lukuvuoden alkamispäivämäärä: 01.08.2019

Advanced studies for all students of Geography, 80 ECTS (vähintään 80 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 50 ECTS) and free choice courses (altogether 30 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.

A320303: Geography, advanced studies, 80 - 120 op

Compulsory

- 791601S: History and philosophy of geography, 5 op
- 791639S: Quantitative research methods in Geography, 5 op
- 791610S: Field of specialization exam, 5 op
- 791631S: Seminar in master's thesis, 5 op
- 791619S: Pro gradu thesis (Master Thesis), 30 op
- 791699S: Maturity test, 0 op

e

- 791642S: Regional politics, policy and development: Advanced themes, 5 op
- 790601S: Methods in Regional Development and Regional Policy, 10 op
- 790602S: Special research course in Regional Development and Regional Policy, 5 op

ee

- 791624S: Research in northern environment, 5 op
- 791636S: Remote sensing in Physical Geography, 5 op
- 791626S: Methodological special themes in Physical Geography, 5 op
- 790605S: Special research course in Physical Geography, 5 op

en

- 791632S: Sustainable development and global tourism, 5 op
- 791629S: Traditions and current issues in tourism research, 5 op
- 790610S: Sustainable tourism development in Northern environments, 10 op

790606S: Special research course in Tourism Geography, 5 op

Electives

791627S: Research in regional geography, 5 op

791621S: Political geography, 5 op

790604S: Special research course in Human Geography, 5 op

eng

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

792617S: GIS Methods in Research, 5 op

790603S: Special research course in Geoinformatics, 5 op

engl

791616S: Practical training, 5 op

790608S: Electrical matriculation examination in Geography, 5 op

791633S: International lectures, 2 op

790607S: Advanced literature of Geography, 1 - 5 op

Minor studies 40 ECTS cr (vähintään 40 op)

Choose freely 40 ECTS cr courses of minor studies.

Minor, min 25 cr

Minor, min 25 cr

Minor, min 60 cr

Other minor studies

Bachelor of Science, Geography

Tutkintorakenteen tila: published

Lukuvuosi: 2019-20

Lukuvuoden alkamispäivämäärä: 01.08.2019

Other studies for all students of Geography (vähintään 13 op)

806119P: A Second Course in Statistics, 5 op

030005P: Information Skills, 1 op

806118P: Introduction to Statistics, 5 op

790050Y: Orientation, 2 op

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

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

901035Y: Second Official Language (Swedish), Oral Skills, 1 op

901034Y: Second Official Language (Swedish), Written Skills, 1 op

A320301: Geography, basic studies, 30 op

Basic studies of Geography, 30 ECTS open to all degree students of University of Oulu

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

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

790160P: Introduction to Tourism Geography, 5 op

790101P: GIS-basics and Cartography, 5 op

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

790104P: Introduction to systematic Human Geography, 5 op

790342A: Advanced course in GIS, 5 op

790322A: Geographical Information and Research, 5 op

790399A: Maturity test, 0 op

790106A: Region, culture and society, 5 op

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

H320310: Optional intermediate studies, geography, 30 - 50 op

e

790305A: Special themes in Human Geography, 5 op

790321A: Field course in Human Geography, 5 op

790326A: Qualitative research methods, 5 op

eee

790161A: Tourism, development and sustainability, 5 op

790320A: Tourism planning and development, 5 op

eeee

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

792301A: Economic Geography and its Applications, 5 op

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

ee

790303A: Special themes in Physical Geography, 5 op

790324A: Field course in Physical Geography, 10 op

791635A: Physical Geography of Fennoscandia, 5 op

en

790347A: Book exam, 5 op

790349A: World regional geography, 5 op

790340A: Geographies of global development, 5 op

790319A: Development Towards Geography Subject Teacher Expertise, 5 op

Common courses

795300A: Courses taken abroad, 0 - 25 op

790348A: Substituting written exam (Hum.g), 5 op

790346A: Nature conservation: a geographic perspective, 5 op

790325A: Applied literature of Geography, 1 - 5 op

Geography courses taken at other universities and colleges

795103P: Basic studies in Geography taken abroad, 0 - 60 op

795303A: Intermediate studies in Geography taken abroad, 0 - 60 op

795102P: Basic studies in Geography in other Universities/Institutes , 0 - 60 op

795302A: Intermediate studies in Geography in other Universities/Institutes, 0 - 60 op

Minor studies in Geography, BSc-level

Minor Studies (74 ECTS) can be selected freely, except 10 ECTS statistics are compulsory: Introduction to statistics (5 ECTS) and A second course in statistics (5 ECTS)

Furthermore, the students have to take minor studies (74 ECTS) according the following regulations:

- Three subjects of minor studies (Basic studies, 25 ECTS), i.e. 2 x 25 ECTS and other studies, or
- One subject of minor studies (Basic and Intermediate studies, 60 ECTS) and other studies

Minor, 60 etcs

Minor, min 25 cr

Minor 25

Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

791630S: Book exam geoinformatic, 3 - 5 op

Opintojaksojen kuvaukset

Tutkintorakenteisiin kuuluvien opintokohteiden kuvaukset

A320303: Geography, advanced studies, 80 - 120 op

Opiskelumuoto: Advanced Studies

Laji: Study module

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

Ei opintojaksokuvauksia.

Compulsory

791601S: History and philosophy of geography, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Juha Ridanpää

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

Finnish.

Timing:

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

Learning outcomes:

The course deepens the knowledge in historical development of human geography, including philosophical stances. After the course the student is able to compare and interpret philosophical stances, analyze different philosophic-methodological orientations and the historical development of science. In addition, the student becomes acquainted with the methodological development of human geography and its position among other fields of research.

Contents:

The course is focused at the historical and methodological development of human geography, and at the various manners of 'thinking geographically'. The course includes interactive teaching which deepens the students' conception of various philosophical orientations in human geography.

Mode of delivery:

Face-to-face teaching and fieldwork.

Learning activities and teaching methods:

Lectures 4 h., exercises 50 h., a seminar

Target group:

Common course to all students of Geography.

Prerequisites and co-requisites:

-

Recommended optional programme components:

The course can be studied as a subsidiary subject. The course is linked with the course Qualitative research methods.

Recommended or required reading:

Ten articles. The course material will be shared electronically to students before the course begins.

Assessment methods and criteria:

Miniessays.

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

Grading:

1–5.

Person responsible:

Juha Ridanpää

Working life cooperation:

No.

Other information:

-

791639S: Quantitative research methods in Geography, 5 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Sanna Varanka, Harri Antikainen

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 quantitative research methods and databases. The use SPSS-program.

Mode of delivery:

Face-to-face leaning.

Learning activities and teaching methods:

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

Target group:

Common course to all students of Geography.

Prerequisites and co-requisites:

Introduction to statistics (806118P) and A second course in statistics (806119P)

Recommended optional programme components:

-

Recommended or required reading:

To be announced later.

Assessment methods and criteria:

The course is evaluated with an exercise diary and other activity during the course.

Grading:

1–5.

Person responsible:

Harri Antikainen ja Sanna Varanka

Working life cooperation:

No.

Other information:

-

791610S: Field of specialization exam, 5 op**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Field 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:

Contact your own professor.

Assessment methods and criteria:

Written exam on examinarium.

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

Grading:

1-5.

Person responsible:

Professors; DD Jarkko Saarinen

Working life cooperation:

No.

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

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

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

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

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 as an opponent. Working as an 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; DD Jarkko Saarinen.

Working life cooperation:

No.

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

Opiskelumuoto: Advanced Studies

Laji: Diploma thesis

Vastuuyksikkö: Field 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:

-

791699S: Maturity test, 0 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Jan Hjort

Opintokohteen kielet: Finnish

ECTS Credits:

0 cr

Language of instruction:

Finnish, Swedish, English

Timing:

1. or 2. year of Master Studies

Contents:

Summary of a thesis that is approved by the supervisor and added to the thesis before uploading the thesis to Laturi.

Target group:

Compulsory to all geography students

Prerequisites and co-requisites:

-

Recommended optional programme components:

Master thesis

Recommended or required reading:

-

Assessment methods and criteria:

-

Grading:

Pass / Fail

Person responsible:

Professors

Working life cooperation:

-

Other information:

-

e

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

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Heikki Sirviö

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

Finnish.

Timing:

1st MSc-year, semester 1.

Learning outcomes:

Upon completion of the course the student will be able to:

- apply current approaches and concepts of political geography to regional development and policy,
- assess the consequences of different spatial-political choices and practices for the spatial structure of society
- interpret strategies and policy documents concerning regional development and policy in a critical and conceptually sophisticated manner.

Contents:

The course introduces the perspective of conceptual history to some of the basic concepts of political geography (and of social sciences in general). The lectures focus on four key concepts:

1. politics
2. state
3. society
4. economy

Mode of delivery:

Face-to-face teaching, independent work.

Learning activities and teaching methods:

The course involves lectures, a seminar with presentations and an exam based on lectures and literature. Lectures 16 h, group work 4 h, and 112 h of self-learning

Target group:

Major students in their master's phase.

Prerequisites and co-requisites:

Bachelor's thesis required.

Recommended optional programme components:

The course does not require additional studies carried out at the same time.

Recommended or required reading:

Reading list will be available by the beginning of the course.

Assessment methods and criteria:

The assessment criteria are based on the learning outcomes of the course. Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1-5.

Person responsible:

Heikki Sirviö

Working life cooperation:

Not required but can be included in the independent work (preparing the presentation).

790601S: Methods in Regional Development and Regional Policy, 10 op

Voimassaolo: 01.01.2017 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

10 ECTS.

Language of instruction:

Finnish.

Timing:

1 MSc-year, 2nd semester

Learning outcomes:

Student knows how to apply the principles of scientific research, understands the practices of planning and conducting research and is able to present the research results both orally and in writing. The course provides advanced skills for conducting research.

Contents:

The course focuses on research methods. Contents are divided in four modules:

- 1) Quantitative analysis
- 2) Qualitative analysis
- 3) Strategic political analysis
- 4) Visual analysis.

The students compose a research report on a practical specialized theme related to regional development and policy. The course advances students' knowledge on and skills in conducting and applying research.

Mode of delivery:

Face-to-face learning

Learning activities and teaching methods:

10 h of lectures and 10 h of supervised practice, independent composition and writing of research report and its oral presentation in seminar (5h). Presence is obligatory.

Target group:

Students specializing in Regional development and regional policy

Prerequisites and co-requisites:

Thesis of BSc have to be done

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:

Kaj Zimmerbauer

Working life cooperation:

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

790602S: Special research course in Regional Development and Regional Policy, 5 op

Voimassaolo: 01.01.2017 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

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.

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 examinarium or other way of performance.

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

Grading:

1–5.

Person responsible:

Eeva-Kaisa Prokkola

Working life cooperation:

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

ee

791624S: Research in northern environment, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field 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:

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, palsa mires, vegetation zones, treeline ecotone, microclimate, and geodiversity.

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:

Field work, seminar and practicals

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.

791636S: Remote sensing in Physical Geography, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field 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 remote sensing techniques when he/she is compiling research data, analysing earth surface feature and solving research problems.

Contents:

Course gives an overview of remote sensing in physical geography.

Mode of delivery:

Face-to-face learning.

Learning activities and teaching methods:

Lectures, reading circle, 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:

Participation in reading circle and practicals and written report.
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1-5.

Person responsible:

Jan Hjort and Olli Karjalainen

Working life cooperation:

No.

791626S: Methodological special themes in Physical Geography, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Jan Hjort

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

Required proficiency level:

Quantitative 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 statistically-based 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 regression-based spatial modelling in Physical Geography. Spatial analysis and modelling are central development fields in Physical Geography. The course offers methodological knowledge for the preparation of MSc and doctoral 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:

Written report.

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.

790605S: Special research course in Physical Geography, 5 op

Voimassaolo: 01.01.2017 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Jan Hjort

Opintokohteen kielet: Finnish

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 knowledge in physical geography 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 physical geography.

Mode of delivery:

Face-to-face learning, essay or independent studying.

Learning activities and teaching methods:

This course may be performed by different ways. The student can carry out a course from other module, work as research assistant, write an essay, complete a virtual course related to his/her field or make a manuscript based on his/her Master Thesis. Way of performance is discussed with professor.

Target group:

MSc-students, especially in physical geography

Recommended or required reading:

Will be agreed with professor.

Assessment methods and criteria:

Will be agreed with professor. Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Jan Hjort

Working life cooperation:

Yes. Working in research or development projects gives working life experience.

en

791632S: Sustainable development and global tourism, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field 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:

Saarinen Jarkko

Working life cooperation:

No.

Other information:

-

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

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Kaarina Tervo-Kankare

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/English

Timing:

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

Learning outcomes:

Following the completion of the course the learner has deepened her/his knowledge on the research traditions and current issues in tourism geographies.

The course is structured around lectures and studies based on the department's researchers' and/or visiting scholars' and PhD students' demonstrations, and will provide insights to students on timely issues in tourism research, development, planning and/or management.

After the course the student 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. In addition he/she will 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:

Mostly face-to-face learning, depending on the course structure.

Learning activities and teaching methods:

16 hrs lectures, group work, written and oral assignments, 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:

Assignments and/or written exam.

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:

The course is organized uneven years, but yearly when resources allow. Alternatively, the course may be performed by case study based on recent literary and its written and oral presentation.

790610S: Sustainable tourism development in Northern environments, 10 op

Voimassaolo: 01.08.2017 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Kaarina Tervo-Kankare

Opintokohteen kielet: English

ECTS Credits:

10 ects

Language of instruction:

English

Timing:

Spring semester, online ([University's online learning platform](#))

Learning outcomes:

To familiarize students with theory and knowledge related to sustainable tourism development in Northern environments.

In the course students will

1. Gain **knowledge** of the phenomena of northern tourism; the place of sustainable northern tourism within globalization and climate change; and the socio-cultural dimensions of northern tourism.
2. Acquire **skills** that will enable them to critically evaluate why the phenomena of northern tourism should be studied; identify the implications of northern tourism for indigenous cultures; evaluate the implications of northern tourism as related to local communities and resources; and critically examine governance aspects of northern tourism
3. Get the **general competence** of synthesizing academic reading materials read; participating in master's level discussion of course materials; and developing research and writing skills to a Master's level.

Contents:

The course will address tourism in the circumpolar north from a societal perspective. It will present different views on the phenomenon and its dimensions, resources and implications for nature, places and cultures involved. The place of northern tourism in times of globalization and emergent global issues like climate changes will be explored, together with the relevant governance aspects.

Mode of delivery:

Online (University of Oulu's OPTIMA environment)

Learning activities and teaching methods:

Learning will take place in interactive and collaborative forms. It will take place on-line, through such methods as lectures, group discussions, and teamwork. Instructors and students will share discoveries and materials during the course, and use a variety of communication tools.

Prerequisites and co-requisites:

Applicants must have a Bachelor's Degree in tourism, social science, humanities or science, or Bachelor of Business Administration, Bachelor of Arts or Bachelor of Science.

Person responsible:

Kaarina Tervo-Kankare

790606S: Special research course in Tourism Geography, 5 op

Voimassaolo: 01.01.2017 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Saarinen, Jarkko Juhani

Opintokohteen kielet: Finnish

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.

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 examinarium or other way of performance.

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

Grading:

1–5.

Person responsible:

Jarkko Saarinen

Working life cooperation:

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

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

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field 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:

Cresswell Tim (2014) Place. 2nd edition. Wiley-Blackwell

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 2020.

791621S: Political geography, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field 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, its themes and traditions, with empirical cases and theoretical insights. The main focus is on territorialism, borders (e.g. the institutionalization of the Finnish territory), intercultural confrontations and 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:

The course is organized in every other year. Next time on spring semester 2021.

790604S: Special research course in Human Geography, 5 op

Voimassaolo: 01.01.2017 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Paasi Anssi

Opintokohteen kielet: Finnish

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.

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 examinarium or other way of performance.

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

Grading:

1–5.

Person responsible:

Anssi Paasi

Working life cooperation:

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

eng

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

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Ossi Kotavaara

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

5 ECTS

Language of instruction:

Finnish and also English at need

Timing:

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

Learning outcomes:

The objective is that the student understands basics of GPS positioning, can use GPS devices, can collect location based data by GPS and positioning in research.

Contents:

Basics of GPS and hand held devices, collecting location based geographical information by GPS, GPS data transformations with GIS, research by using GPS data. Location based services (LBS).

Mode of delivery:

Face-to-face learning.

Learning activities and teaching methods:

20 h lectures, reading circle, exercises, demonstrations and field working. Integrating GPS and LBS data with GIS and research in theory and practice. Written report and seminar.

Target group:

Especially students of GIS.

Prerequisites and co-requisites:

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

Recommended or required reading:

NOPPA Study Portal

Assessment methods and criteria:

Written report and seminar.

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

Grading:

1–5

Person responsible:

Ossi Kotavaara, Harri Antikainen

Working life cooperation:

No.

792617S: GIS Methods in Research, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Harri Antikainen

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

Finnish.

Timing:

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

Learning outcomes:

Course will deepen geographical thinking. After the course, a student is able 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.

790603S: Special research course in Geoinformatics, 5 op

Voimassaolo: 01.01.2017 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Harri Antikainen

Opintokohteen kielet: Finnish

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.

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. The course can also be accomplished using material of the online course "Introduction to GIS automatization and programming / Johdatus GIS-automatisointiin ja -ohjelmointiin" (available only in Finnish) as specifically agreed with the professor.

Target group:

MSc-geography students, GIS-minor students.

Prerequisites and co-requisites:

790101P GIS-basics and Cartography, 790342A Advanced course in GIS

Recommended optional programme components:

Course is part of GIS-minor.

Recommended or required reading:

Will be agreed with professor.

Assessment methods and criteria:

Written exam on examinarium or other way of performance.
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1–5.

Person responsible:

Harri Antikainen

Working life cooperation:

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

engl

791616S: Practical training, 5 op

Opiskelumuoto: Advanced Studies

Laji: Practical training

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Kaarina Tervo-Kankare

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 2 months).

Learning activities and teaching methods:

Written report.

Target group:

Voluntary.

Prerequisites and co-requisites:

Degree of BSc.

Recommended optional programme components:

-

Recommended or required reading:

-

Assessment methods and criteria:

Written report

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

Grading:

Pass/failed.

Person responsible:

Kaarina Tervo-Kankare

Working life cooperation:

Yes. Working in the field of geography.

Other information:

More information about applying the financial from the responsible education designer (Merja Heikkilä).

790608S: Electrical matriculation examination in Geography, 5 op

Voimassaolo: 01.01.2017 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

Finnish

Timing:

The course is held in the autumn and spring semester, during periods 1-3. It is recommended to complete the course at the 3rd semester of bachelor degree or 1st semester of master's degree.

Learning outcomes:

Upon completion of the course, the student will be able to:

- know the grounds of electronic matriculation examination structure, contents and demands
- can draw up, keep and evaluate electronic tests (matriculation examination)
- become acquainted with the practices, challenges and possibilities brought by the electrical matriculation examination to the upper secondary school teaching
- can adapt their own teaching according to the objectives of the electrical matriculation examination
- become acquainted with electric tools in teaching and recognize the possibilities of those tools as part of their own teaching

Contents:

In the course student become acquainted with the grounds of electronic matriculation examination and different assessment methods. The different applications needed in the electronic matriculation examination and drawing up, keeping and assessing of the electronic tests are studied. The digital applications and tools are studied as a part of the teaching of the geography. Student ponder his/her own teaching from the electronic matriculation examination point of view.

Mode of delivery:

face-to-face teaching and working private or in a group

Learning activities and teaching methods:

The implementation methods of the course vary. There will be 16 hours of guided teaching events and 119 hours of studying privately or in a group including learning diary.

Target group:

Teacher students of geography

Prerequisites and co-requisites:

-

Recommended optional programme components:

The course is an independent entity and does not require additional studies carried out at the same time.

Recommended or required reading:

Separately announced literature by the teacher

Assessment methods and criteria:

Presence at the common meetings (16 hours), doing of the given tasks and writing the learning diary during the course.

Grading:

Opintojaksolla käytetään sanallista arviointiasteikkoa "hyväksytty/hylätty".

Person responsible:

Eerika Virranmäki

Working life cooperation:

No working life cooperation.

791633S: International lectures, 2 op

Voimassaolo: - 31.07.2020

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field 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:

-

Working life cooperation:

No.

Other information:

-

790607S: Advanced literature of Geography, 1 - 5 op**Voimassaolo:** 01.01.2017 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Field of Geography**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Saarinen, Jarkko Juhani, Jan Hjort, Paasi Anssi**Opintokohteen kielet:** Finnish**ECTS Credits:**

1-5 ECTS

Language of instruction:

Finnish or English.

Timing:

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

Learning outcomes:

The student will deepen his/her knowledge through literature. 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 geography.

Mode of delivery:

Book exam, essay or independent studying.

Learning activities and teaching methods:

Ways of performance is discussed with professor.

Target group:

MSc-students

Recommended or required reading:

Will be agreed with professor.

Assessment methods and criteria:

Will be agreed with professor. Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Eeva-Kaisa Prokkola, Jan Hjort, Anssi Paasi, Harri Antikainen, Jarkko Saarinen

806119P: A Second Course in Statistics, 5 op**Voimassaolo:** 01.06.2015 -**Opiskelumuoto:** Basic Studies**Laji:** Course

Vastuuyksikkö: Field of Mathematics

Arvostelu: 1 - 5, pass, fail

Opettajat: Jari Päckilä

Opintokohteen kielet: Finnish

Leikkaavuudet:

806113P	Introduction to Statistics A	5.0 op
806109P	Basic Methods in Statistics I	9.0 op

ECTS Credits:

5 ECTS credits

Language of instruction:

Finnish

Timing:

4th period

Learning outcomes:

Upon completion of the course, student will be able to

- analyze continuous and categorical response in the most common experimental and observational studies
- critically evaluate scientific articles
- implement and interpret analyses of a statistical software concerning issues of the course.

Contents:

- Skills for performing statistical analyses and inferences on the basis of data obtained in common experimental and observational studies are expanded and deepened
- statistical literacy of scientific articles with quantitative methods

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Total 50 h face-to-face teaching including lectures and exercise (partly computer exercises). Independent work 83 h.

Target group:

Minor students

Prerequisites and co-requisites:

The recommended prerequisite prior to enrolling for the course is the completion of the course: 806118P Introduction to Statistics or 806116P Statistics for Economic Sciences.

Recommended optional programme components:

After the course, student is able to continue other statistics courses.

Recommended or required reading:

Lecture notes

Assessment methods and criteria:

Mid-term exams and/or final exam and possible homework.

Grading:

The course utilizes a numerical grading scale 1-5. In the numerical scale zero stands for a fail.

Person responsible:

Jari Päckilä

Working life cooperation:

No

Other information:

-

030005P: Information Skills, 1 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Technology

Arvostelu: 1 - 5, pass, fail

Opettajat: Ursula Heinikoski

Opintokohteen kielet: Finnish

Leikkaavuudet:

030004P	Introduction to Information Retrieval	0.0 op
---------	---------------------------------------	--------

ECTS Credits:

1 ECTS credits / 27 hours of work

Language of instruction:

Finnish

Timing:

Architecture 3. spring semester, period I; Biochemistry 3. autumn semester; Biology 3. autumn semester, period I; Chemistry 3. autumn semester, period II; Computer Science and Engineering 2. spring semester, period IV; Electronics and Communications Engineering 3. spring semester; Geosciences 2. spring semester, period IV; Geography 1. and 3. spring semester, period III; Industrial Engineering and Management 3. year (Master's degree students in Industrial Engineering and Management 1st year.); Information Processing Sciences 1. year; Mathematics and Physics 1. spring semester, period III; Mechanical Engineering 3. year; Mining Engineering and Mineral Processing 3. year; Process and Environmental Engineering 2. year, period II.

Learning outcomes:

Upon completion of the course, the students:

- can search scientific information,
- can use the most important databases of their discipline,
- know how to evaluate search results and information sources,
- can use the reference management tool

Contents:

Scientific information retrieval process, the most important databases and publication channels of the discipline, evaluation of the reliability of information sources and RefWorks reference management tool.

Mode of delivery:

Blended teaching: classroom training, web-based learning material and exercises, a group assignment.

Learning activities and teaching methods:

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

Target group:

Compulsory for all bachelor degree students of Faculty of Information Technology and Electrical Engineering, Faculty of Technology and Faculty of Science. Compulsory also for those Master's degree students in Industrial Engineering and Management who have no earlier studies in the information skills. Optional for the students of biochemistry.

Prerequisites and co-requisites:

-

Recommended optional programme components:

-

Recommended or required reading:

Web learning material Tieteellisen tiedonhankinnan opas <http://libguides oulu.fi/tieteellintiedonhankinta> (in Finnish)

Assessment methods and criteria:

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

Grading:

pass/fail

Person responsible:

Ursula Heinikoski

Working life cooperation:

-

Other information:

-

806118P: Introduction to Statistics, 5 op

Voimassaolo: 01.06.2015 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Field of Mathematics

Arvostelu: 1 - 5, pass, fail

Opettajat: Jari Päkkinä

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay806118P Introduction to Statistics (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS credits

Language of instruction:

Finnish

Timing:

3rd period

Learning outcomes:

After completing the course, student will be able to

- consider issues influencing to data collection
- describe data by appropriate methods (tables, statistics and graphical presentations)
- evaluate the effect size of the sample to the margin of error for instance in Gallup polls and in different market researches
- interpret output of a statistical software.

Contents:

- collecting data, e.g. sampling
- variables and measuring
- descriptive statistical methods and their selection
- margin of error of estimator for population mean and proportion
- statistical literacy
- basic analysis of data using statistical software

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Total 50 h face-to-face teaching including lectures and exercise (partly computer exercises). Independent work 83 h.

Target group:

Minor students

Recommended optional programme components:

After the course, student is able to continue to A Second Course in Statistics.

Recommended or required reading:

Lecture notes

Assessment methods and criteria:

Mid-term exams and/or final exam and possible homework.

Grading:

Fail, 1-5

Person responsible:

Hanna Heikkinen and Jari Päckilä

Working life cooperation:

No

Other information:

-

790050Y: Orientation, 2 op**Opiskelumuoto:** General Studies**Laji:** Course**Vastuuyksikkö:** Field of Geography**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Outi Kivelä**Opintokohteen kielet:** Finnish**ECTS Credits:**

2 ECTS

Language of instruction:

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:

Outi Kivelä

Working life cooperation:

No

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

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Languages and Communication

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 program.

Required proficiency level:

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

ECTS Credits:

3 ECTS credits / 80 hours of work

Language of instruction:

English

Timing:

1st year autumn term

Learning outcomes:

By the end of the course, you are expected to demonstrate the ability to

- use effective vocabulary learning techniques
- distinguish parts of words to infer meanings
- utilise your knowledge of text structure and cohesion markers to understand academic texts
- extract information and learn content from English readings in academic and professional contexts

Contents:

The course focuses on reading strategies; these include recognizing how texts are organized, identifying key points in a text, and understanding words in context. Vocabulary work in the course will focus on a) academic vocabulary, as used in formal scientific writing, and b) using your knowledge of the meanings of parts of words (affixes) to infer meaning.

Mode of delivery:

Contact teaching and independent work

Learning activities and teaching methods:

The course is closely integrated with Geography courses taught in the first-year Autumn, and it includes 36 hours of classroom instruction and 44 hours of self-study. Homework includes both autonomous learning tasks and group work.

Target group:

1st year students of geography

Prerequisites and co-requisites:

-

Recommended optional programme components:

Students are also required to take [English 4 \(902005Y\)](#), which is offered to geography students in their 3rd year.

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, There are three monthly tests on material covered so far. The assessment of the course is based on the learning outcomes listed above.

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 Natural Sciences. Contact the faculty for information.

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

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Languages and Communication

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 [Common European Framework of Reference](#) scale

Status:

This course is mandatory for students of geography who will have English as their foreign language in their B.Sc. degree.

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.

ECTS Credits:

3 ECTS credits / 80 hours of work

Language of instruction:

English

Timing:

Geography, 3rd year autumn term (periods 1 and 2)

Learning outcomes:

By the end of the course you are expected to demonstrate an ability to:

- **use appropriate strategies and techniques for communicating effectively** in English in scientific and academic contexts
- **apply effective language-learning strategies** in autonomous homework
- **prepare and present scientific subjects**, using appropriate field-related vocabulary

Contents:

In the classroom, you will practice the skills of listening, speaking and presenting topics in your own field. The emphasis is on working in pairs and small groups. In addition, you will complete independent homework assignments to support the classroom learning. At the end of the course, you will give an academic/scientific presentation in a small group.

Mode of delivery:

Contact teaching and independent work

Learning activities and teaching methods:

There will be 26 hours of guided teaching events in the classroom and 34 hours of independent work, including both individual and group work. Individual work: autonomous learning tasks, practice in lecture listening and written tasks in preparation for classroom lessons

Group work: Preparation of presentations in group

Target group:

3rd year students of Geography

Prerequisites and co-requisites:

Prerequisite:

[English 3 \(902003Y\)](#) (for students of Geography)

Recommended or required reading:

-

Assessment methods and criteria:

This course utilises *continuous assessment* and requires regular attendance and active participation. The assessment of the course is based on the learning outcomes of the course.

Homework tasks include both independent and group work.

Independent work: autonomous learning tasks, practice in lecture listening and written tasks in preparation for classroom lessons 25 hours

Group work: Preparation of presentations in groups 15 hours.

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

Grading:

Pass / fail

Person responsible:

Karen Niskanen

Working life cooperation:

-

Other information:

901035Y: Second Official Language (Swedish), Oral Skills, 1 op

Voimassaolo: 01.08.2014 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Languages and Communication

Opintokohteen kielet: Swedish

Leikkaavuudet:

901061Y Second Official Language (Swedish), Oral Skills 1.0 op

ay901035Y Second Official Language (Swedish), Oral Skills (OPEN UNI) 1.0 op

901004Y Swedish 2.0 op

901034Y: Second Official Language (Swedish), Written Skills, 1 op

Voimassaolo: 01.08.2014 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Languages and Communication

Opintokohteen kielet: Swedish

Leikkaavuudet:

901060Y Second Official Language (Swedish), Written Skills 1.0 op
 ay901034Y Second Official Language (Swedish), Written Skills (OPEN UNI) 1.0 op
 901004Y Swedish 2.0 op

A320301: Geography, basic studies, 30 op

Opiskelumuoto: Basic Studies

Laji: Study module

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ayA320301 Geography, basic studies (OPEN UNI) 30.0 op

ECTS Credits:

30 ECTS

Language of instruction:

Finnish

Basic studies of Geography, 30 ECTS open to all degree students of University of Oulu

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

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Jan Hjort

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 overview of Geography as an independent discipline. It will be completed by considering history, concepts and research aspects of Geography.

Mode of delivery:

Face-to-face learning.

Learning activities and teaching methods:

20 hours lectures, literature and written exam.

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:

- International Encyclopedia of Human Geography (toim. Rob Kitchin & Nigel Thrift), chapters: Metaconcepts: Landscape, Place, Scale, Space I, Space-Time, Space II, Territory and Territoriality
Philosophy and Geography: Regional Geography I Political Geography: Regionalism Social & cultural geography: Citizenship, Cultural Geography, Sense of Place.
- Lecture slides and three articles can be found from the Moodle.

Assessment methods and criteria:

Exam.

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

Grading:

1-5.

Person responsible:

Jan Hjort, Juha Ridanpää

Working life cooperation:

No.

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

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Eeva-Kaisa Prokkola

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay790141P Introduction to planning geography (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS

Language of instruction:

Lectures in Finnish. Exchange students can take this course by taking the exam (extra literature for exchange students).

Timing:

1st year, autumn semester (1st period).

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:

Andy Pike, Andrés Rodríguez-Pose ja John Tomaney (2016). Local and Regional Development. (toinen painos)
Routledge. Saatavilla e-kirjana.

Assessment methods and criteria:

Exam on exam day.

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 can take this course by taking the exam (extra literature for exchange students).

Literature for exchange students:

- Andy Pike, Andrés Rodríguez-Pose ja John Tomaney (2016). Local and Regional Development. Routledge.
- Anssi Paasi, Kaj Zimmerbauer (2016). Penumbra borders and planning paradoxes: Relational thinking and the question of borders in spatial planning. Environment and Planning A 2016, Vol. 48 (1) 75–93
- Martin, Lauren. & Eeva-Kaisa, Prokkola (2017). Making labor mobile: Borders, precarity, and the competitive state in Finnish migration politics. Political Geography 60C, 143-153.

Further information ask teacher.

790160P: Introduction to Tourism Geography, 5 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Saarinen, Jarkko Juhani

Opintokohteen kielet: Finnish

Leikkaavuudet:

790160A Introduction to tourism geography 5.0 op

ECTS Credits:

5 ECTS

Language of instruction:

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

790101P: GIS-basics and Cartography, 5 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Harri Antikainen

Opintokohteen kielet: Finnish

Leikkaavuudet:

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

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:

1 year, 2nd semester

Learning outcomes:

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

Contents:

Basics of GIS, theories of cartography and statistical graphics and use of ArcGIS program.

Mode of delivery:

Face-to-face learning.

Learning activities and teaching methods:

16 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. 2nd edition. 516 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:

Harri Antikainen

Working life cooperation:

No

Other information:

English speaking students are asked to contact Harri Antikainen before the course.

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

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Field 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 cr

Language of instruction:

Finnish and English (Lectures are only in Finnish, but this course can be completed also in English with some extra readings. Practicals are also organized in English.)

Timing:

1 year, 2nd 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), hydrosphere (hydrogeography), 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 geosphere, 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 compilation and its technical use.

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 Geography.

Recommended or required reading:

- Strahler, Alan (2013). Introducing Physical Geography.
- More material from the practicals.

Assessment methods and criteria:

Exam on an exam day.

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

Grading:

1–5.

Person responsible:

Jan Hjort and Olli-Matti Kärnä

Working life cooperation:

No.

Other information:

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

790104P: Introduction to systematic Human Geography, 5 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Juha Ridanpää

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:

Finnish

Timing:

1st year, 2nd semester.

Learning outcomes:

The purpose of the course is to initiate the development of human geography and topical research themes. Upon completion of the course, the student will be able to comprehend different fields of study and systematic approaches in human geography.

Contents:

Cultural phenomena and their geographical examination: including economics, industrialization, politics, religion, urban geography, demography, ethnicity, postcolonialism, languages, globalization, popular culture.

Mode of delivery:

Face-to-face teaching.

Learning activities and teaching methods:

Lectures 20 h. and exercises 56 h. (including small group teaching, self-study and a practical work). The work at exercises focus on concrete human geographical problems with the use of empirical material. The course includes an exam, based on the content of lectures. The grading bases on both lecture exam and the work in exercises (50/50).

Target group:

The course is aimed at all first year students in geography.

Prerequisites and co-requisites:

-

Recommended optional programme components:

Course is part of the minor studies of Geography.

Recommended or required reading:

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:

Juha Ridanpää (lectures) and Tuomo Alhojärvi (practicals).

Working life cooperation:

No.

790342A: Advanced course in GIS, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Harri Antikainen

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

5 ECTS

Language of instruction:

Finnish.

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:

64 h practicals. Independent practical work.

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., Määttä-Juntunen, H. ja Ujanen, J. (2014). GIS-jatkokurssi. Opetusmoniste. (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 and Harri Antikainen

Working life cooperation:

No.

790322A: Geographical Information and Research, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Janne Alahuhta, Eeva-Kaisa Prokkola, Paasi Anssi

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

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, ethics and interests of georgaphy and science in general;ethical scientific practices; ethichs of researcher; as well as stucture of a research paper

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:

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:

Janne Alahuhta, Anssi Paasi and Toni Ahlqvist

Working life cooperation:

No.

790399A: Maturity test, 0 op

Voimassaolo: 01.08.2005 -

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

0 ECTS

Language of instruction:

Finnish, Swedish, English.

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.

Mode of delivery:

Written exam based on BSc-thesis.

Learning activities and teaching methods:

Written exam based on BSc-thesis.

Target group:

Common course to all students of Geography.

Prerequisites and co-requisites:

BSc-thesis.

Recommended or required reading:

-

Assessment methods and criteria:

Written exam on examinarium.

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

Pass / failed.

Person responsible:

Human Geography: Juha Ridanpää, Regional development and regional policy: Heikki Sirviö, Physical Geography: Janne Alahuhta

Working life cooperation:

No.

Other information:

-

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

5 ECTS

Language of instruction:

English and Finnish

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 and an exam (lectures and literature)

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.

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

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Janne Alahuhta, Juha Ridanpää

Opintokohteen kielet: Finnish

ECTS Credits:

10 ECTS

Language of instruction:

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:

Students acquaint themselves mainly independently topic that they choose. There will be separate groups in three fields: in Human Geography, in Physical Geography and in Regional development and regional policy. BSc-thesis 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:

Course is organized in both semester. In the beginning of the semester is info where the content of the course is discussed. Each group will have common meetings and/or private discussions with the teacher during the semester. BSc-thesis (20-30 pages) is presented in written as well as oral form in the end of the semester in seminars where a peer student will act as an opponent.

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 BSc-thesis. Seminars.

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

Grading:

1-5.

Person responsible:

Human Geography: Juha Ridanpää , Regional development and regional policy: Kaj Zimmerbauer, Physical Geography: Janne Alahuhta

Working life cooperation:

No.

H320310: Optional intermediate studies, geography, 30 - 50 op

Voimassaolo: 01.08.2015 -

Opiskelumuoto: Intermediate Studies

Laji: Study module

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

e

790305A: Special themes in Human Geography, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Paasi Anssi

Opintokohteen kielet: Finnish

Leikkaavuudet:

790348A Substituting written exam 5.0 op

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

5 ECTS

Language of instruction:

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.

Contents:

The aim is to make student to interpret and understand cultural reality in geographical way. 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 a study circle

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 hodot: johdatus ihmismaantieteeseen. 231 s.

Exam

- Other readings, to be announced later.

Assessment methods and criteria:

Exam on exam day and participation in reading circle

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

Grading:

1-5.

Person responsible:

Anssi Paasi and Tuomo Alhojärvi

Working life cooperation:

No.

790321A: Field course in Human Geography, 5 op

Voimassaolo: 01.08.2006 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Juha Ridanpää

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

Finnish.

Timing:

2nd year, 2nd semester.

Learning outcomes:

The course offers proficiency in collecting research material. After the course student is able to estimate how different fieldwork methods are applied in case of different research questions. Student is also capable of analyzing the benefits and limitations connected to the use of different in fieldwork methods.

Contents:

The course goes deeply into how different research methods are used during the fieldwork. The students write a portfolio, which includes a theoretical review connected to the studied case. Various forms of research materials are collected from with the use of different research methods. Research material is also analyzed.

Mode of delivery:

Face-to-face teaching and fieldwork.

Learning activities and teaching methods:

Lectures 4 h., exercises 50 h., a seminar.

Target group:

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

Prerequisites and co-requisites:

Course "790326A Qualitative research methods" has to be done.

Recommended optional programme components:

Course is part of the minor studies of Geography. The course is linked with the course Qualitative research methods.

Recommended or required reading:

Will be announced later.

Assessment methods and criteria:

Seminar report.

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

Grading:

1-5.

Person responsible:

Juha Ridanpää

Working life cooperation:

Yes. The main fieldwork methods are learnt during the course.

790326A: Qualitative research methods, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Juha Ridanpää

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

Finnish.

Timing:

2nd year, 2nd semester.

Learning outcomes:

The course offers proficiency in conducting qualitative research. After the course student is acquainted with how qualitative methods are used in geography. Student is also able to compare various stages

Contents:

The course focuses on the basic concepts of qualitative research with introducing the various manners for approaching geographical phenomena qualitatively. The lectures focus on qualitative research methods and research process in general. Students also read the topical articles in human geography and ponder various factors concerning the philosophical viewpoints, research material collection and qualitative analysis.

Mode of delivery:

Face-to-face learning.

Learning activities and teaching methods:

8 hrs lectures, 20 hrs practicals, seminar report.

Target group:

The course is aimed at all students in geography, excluding students in physical geography.

Prerequisites and co-requisites:

790104P Introduction to systematic Human Geography

Recommended optional programme components:

The course can be studied as a subsidiary subject. The course is linked with Field course in human geography.

Recommended or required reading:

Will be announced later.

Assessment methods and criteria:

A practical work.

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

Grading:

1-5.

Person responsible:

Juha Ridanpää

Working life cooperation:

No.

eee

790161A: Tourism, development and sustainability, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field 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:

5 ECTS

Language of instruction:

English

Timing:

2nd year, 1st semester

Learning outcomes:

After the course, the student understands and can apply the principles of sustainable tourism in different contexts; he/she understands the importance of sustainable development in tourism in different contexts and from different viewpoints (spatial, stakeholder, sector). Student acknowledges the utilization of tourism for diverse development purposes and has basic understanding about its potential pitfalls, especially in the Global South framework. The student can analyse and compare the impacts and meaning of different tourism activities to sustainable development.

Contents:

The course focuses on the idea of sustainable tourism and sustainable development with emphasis on tourism in Global South. The course examines the conceptual and practical dimensions of sustainable tourism, its relationship with sustainable development in general and the applicability and problems associated with it. The course's basic concepts include the following: tourism and sustainable development, sustainable tourism, tourism impacts and sustainability at different scales (local-global) and

environments, the roles of different actors (stakeholders) in sustainable tourism, tourism development plans and policies, methods to measure sustainability in tourism and tourism development, the role of sustainable tourist.

These concepts will be discussed both theoretically and in practice, highlighting their relevance in the Global South dimension and utilizing examples in different contexts. Some topical issues relating with the main theme sustainable tourism, such as pro-poor tourism and climate change will be covered in the Global South contexts. In addition, the student chooses one relevant topic to which she/he familiarizes. Increase knowledge about the role and meaning of tourism in relation to development at different scales, and in different contexts, in the sustainability framework. Sustainability will be examined throughout the tourism system, at different scales and in diverse environments, with central focus on the development issues in the Global South.

Mode of delivery:

Most of the course is virtual, and realized in Moodle environment. Virtual lectures, readings, small tasks, group discussions and assignments.

Learning activities and teaching methods:

Lectures, self study, group work, web-based work, essay. To be confirmed at the first lecture.

Target group:

Students of geography who will specialize to Tourism Geography. Course is also part of minor studies tourism geography.

Prerequisites and co-requisites:

-

Recommended or required reading:

Most of the course material will be provided via the course's Moodle environment.

Assessment methods and criteria:

Evaluation will be based on the learning diaries and the final assignment, which is also evaluated by peers. Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1–5.

Person responsible:

Senior lecturer Kaarina Tervo-Kankare

Working life cooperation:

No.

790320A: Tourism planning and development, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Kaarina Tervo-Kankare

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.

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:

Lectures, written seminar work and presentation, exam.

Target group:

Students who're specialising to Tourism Geography. Course is part of minor studies 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:

Kaarina Tervo-Kankare

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.

eeee

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

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field 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:

- 1) Student understands the idea of Communicative Planning Theory. Student acquaint her/himself with critical theoretical debates regarding the communicative approach.
- 2) Student understands the theoretical debates about strategic planning and city-regionalism. Student learns to interpret novel and forthcoming reforms in the planning system from a critical point of view.

Contents:

communicative planning theory, market-driven processes and planning, strategic planning and city-regionalism, reforms of planning system

Mode of delivery:

Compilation of essays. Exchange students are asked to contact the teacher in advance, if planning to pass the course during her/his exchange.

Learning activities and teaching methods:

Student studies the given literature with care and writes the compilation of essays independently. Detailed instructions from the teacher.

Target group:

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

Prerequisites and co-requisites:

The course is planned for those students who already have some basic knowledge of regional development or regional policy. The student should have passed some general level introductory studies to the field of regional development/policy in her/his home institution (equivalent to the course 'Introduction to Regional Development and Regional Policy' in Oulu) before attending this course. Please contact teacher in advance and clarify your starting level to her/him.

Recommended optional programme components:

-

Recommended or required reading:

Ask instructions and the list of literature from the teacher.

Assessment methods and criteria:

Compilation of essays as independent work.

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

Grading:

1–5.

Person responsible:

Vesa Väättänen. During summer (1.7.-31.8.2020) Marika Kettunen.

Working life cooperation:

No.

Other information:

Exchange students are asked to contact the teacher before registration.

792301A: Economic Geography and its Applications, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Eeva-Kaisa Prokkola

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

in Finnish only

Timing:

2nd year, 1st semester

Learning outcomes:

The course approaches economic geography as applied to the perspectives of regional development and policy. The aim of the course is to familiarize the student with current issues and related theoretical debates in economic geography. After the course, student is able to outline the main features of the central theories in economic geography, and to apply these theories in the context of regional development and policy.

Contents:

Lectures approach economic geography from varied angles, with emphasis on regional development and policy. The course material contains scientific papers connected to each lecture. The course also includes an essay and related seminar. In the essay and seminar, students deepen and enrich the content of the lectures by means of theoretical reflection and practical case studies.

Mode of delivery:

10 hours of lectures, article package, examination and practicals (an essay and a seminar). Participation in the lectures is obligatory.

Learning activities and teaching methods:

Lectures, essay and seminar

Target group:

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

Prerequisites and co-requisites:

-

Recommended optional programme components:

The course is part of minor studies of regional development and regional policy.

Recommended or required reading:

Lectures and articles.

Assessment methods and criteria:

Attending to lectures, essay and seminar.

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

Grading:

1–5.

Person responsible:

Eeva-Kaisa Prokkola, Jonne Hytönen

Working life cooperation:

No.

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

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Heikki Sirviö

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

Finnish and English. English speaking students should contact the teacher before the course.

Timing:

2nd year, 1st semester

Learning outcomes:

Upon completion of the course the student will be able to:

- analyse and classify basic theories, concepts and models of regional development and policy,
- apply theories, concepts and models in interpretation, recognize their use in scientific papers and discuss them,
- perceive the characteristics and challenges in the regional development and policy in Northern Europe.

Contents:

Students familiarize themselves with the basic theories, concepts, and models of regional development and policy, and their application in practical challenges and decision-making by reading and analysing scientific articles.

Mode of delivery:

Face-to-face teaching, independent work.

Learning activities and teaching methods:

The course involves 14 h of reading group sessions and 118 h of self-learning by reading the assigned articles, writing memos and preparing an essay.

Target group:

Students who take the Regional development and policy module.

Prerequisites and co-requisites:

-

Recommended optional programme components:

The course does not require additional studies carried out at the same time. Course is part of minor studies of regional development and regional policy.

Recommended or required reading:

Reading list will be available by the beginning of the course.

Assessment methods and criteria:

The assessment criteria are based on the learning outcomes of the course. Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1–5.

Person responsible:

Heikki Sirviö

Working life cooperation:

No.

ee

790303A: Special themes in Physical Geography, 5 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Janne Alahuhta

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

Finnish.

Timing:

1st year, 2nd 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. GIS in environmental research.

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:

Janne Alahuhta

Working life cooperation:

No.

790324A: Field course in Physical Geography, 10 op

Voimassaolo: 01.08.2018 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Janne Alahuhta

Opintokohteen kielet: Finnish

Leikkaavuudet:

790310A Field course in Physical Geography 5.0 op

ECTS Credits:

5 ECTS

Language of instruction:

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. 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 as well as report.

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

Grading:

1–5.

Person responsible:

Janne Alahuhta

Working life cooperation:

Yes.

791635A: Physical Geography of Fennoscandia, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Janne Alahuhta

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 p. Oxford University Press.

Assessment methods and criteria:

Exam on examinarium.

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

Grading:

1–5.

Person responsible:

Janne Alahuhta

Working life cooperation:

No.

en

790347A: Book exam, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Tuomo Alhojärvi

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

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:

Multiples geography studies in sense of teaching.

Mode of delivery:

Book exam or essay

Learning activities and teaching methods:

Book exam or essay.

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:

A book and four articles:

Koskela, H. (2009) Pelkokierre. Pelon politiikka, turvamarkkinat ja kamppailu kaupunkitilasta. 397 s.

Ameel, L. & S. Tani (2007). Säröjä kaupunkitilassa: parkour. Alue ja ympäristö 36:1, 3-13.

Kaakinen, I. (2013). Julkiuominen, julkisten tilojen sääntely ja Karhupuiston käytöskukat. Alue ja ympäristö 42:2, 17-29

Korkiamäki, R. & K. Kallio (2014). Ystävyys tilallisen kiinnittymisen suuntaajana: Tilateoreettisia tulkintoja lasten ja nuorten ystävyyksistä. Alue ja ympäristö 43:1, 16-33.

Tani, S. (2011). Oikeus oleskella? Hengailua kauppakeskuksen näkyvillä ja näkymättömillä rajoilla. Alue ja ympäristö 40:2, 3-16.

Artikkelit löytyvät Alue ja ympäristö –lehden arkistosta vapaasti ladattavina ja ne saa myös kysymällä tentaattorilta.

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

Assessment methods and criteria:

Exam on examinarium or essay.

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

Grading:

1-5.

Person responsible:

Tuomo Alhojärvi

Working life cooperation:

No.

790349A: World regional geography, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Sanna Varanka, Janne Alahuhta

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:

Online course in Moodle: <https://moodle oulu.fi/course/view.php?id=584>

Target group:

Recommended for teachers, others voluntary.

Prerequisites and co-requisites:

-

Assessment methods and criteria:

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

Grading:

1–5.

Person responsible:

Janne Alahuhta

Working life cooperation:

No.

Other information:

The course will be arranged twice during an academic year. The course consist of five periods. Each of these periods last for two weeks.

790340A: Geographies of global development, 5 op**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Field of Geography**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Juha Ridanpää**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay790340A Geographies of global development (OPEN UNI) 5.0 op

ECTS Credits:

5 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 and equalize 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 examinarium.

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

1–5.

Person responsible:

Juha Ridanpää

Working life cooperation:

No.

790319A: Development Towards Geography Subject Teacher Expertise, 5 op**Voimassaolo:** 01.08.2016 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Field of Geography**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Eerika Virranmäki**Opintokohteen kielet:** Finnish**ECTS Credits:**

5 ECTS cr

Language of instruction:

Finnish

Timing:

2nd autumn term

Learning outcomes:

Student understands the significance of the discipline as the foundation of the school geography. After the course student can describe and explain the contents and objectives of the geography curriculum in basic education and upper secondary school and can describe teacher's action in the classroom situations from the point of view of teaching geography. Student adapts and interprets experiences gained from the practical training period from the viewpoint of personal development towards subject teacher expertise and evaluates personal readiness as a teacher. During the course student learns to find and choose didactic literature which can be applied in geography teacher's work.

Contents:

Student becomes acquainted with the objectives and contents set for teaching that can be found from the basic education and upper secondary school curriculums and familiarizes with the work of the subject teacher. During the course student ponders the different fields of the discipline of the geography from the teacher's point of view in the context of basic education or upper secondary school and identifies personal strengths as a geography subject teacher. The student becomes acquainted with the using of didactic literature. During the course student writes a final report in which expertise as a geography teacher is reflected from the perspective of the discipline of geography.

Mode of delivery:

Independent studying

Learning activities and teaching methods:

Minimum of 6 lessons of familiarizing to geography subject teachers work is required. At least 3 of these lessons student is required to actively participate in the teaching. Method of participation is to be arranged with the subject teacher. Independent final report.

Target group:

Belongs to subject teacher-students, voluntary to others

Prerequisites and co-requisites:

-

Recommended optional programme components:

-

Recommended or required reading:

It is agreed with the teacher in charge

Assessment methods and criteria:

Choice of lower or upper secondary school, familiarizing to teacher's work, final report

Grading:

Pass / Fail

Person responsible:

Eerika Virranmäki

Working life cooperation:

Yes, student familiarize the work of the geography teacher at lower or upper secondary school

Other information:

It is recommended to take this course before the subject teachers' pedagogic studies

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

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

1-20 ECTS

Language of instruction:

-

Timing:

-

Learning outcomes:

Courses taken aboard (Erasmus-programme etc).

Contents:

Courses taken abroad.

Mode of delivery:

Student exchange

Learning activities and teaching methods:

-

Target group:

Geography students, voluntary

Prerequisites and co-requisites:

-

Recommended optional programme components:

-

Recommended or required reading:

-

Assessment methods and criteria:

Transcript of records.

Grading:

Pass / Fail

Person responsible:

-

Working life cooperation:

-

Other information:

-

790348A: Substituting written exam (Hum.g), 5 op**Voimassaolo:** - 31.07.2021**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Field of Geography**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Tuomo Alhojärvi**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

790305A Special themes in Human Geography 5.0 op

ECTS Credits:

5 ECTS

Language of instruction:

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 Human Geography and thus substitutes the course "Special themes in Human Geography" (790305A).

Mode of delivery:

Book exam or essay.

Learning activities and teaching methods:

Book exam or essay.

Target group:

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

Prerequisites and co-requisites:

-

Recommended optional programme components:

-

Recommended or required reading:

Horton, J. & Kraft, P. (2013). Cultural geographies. An introduction. 297 p.
 Häkli, J. (1999/2004/2008). Meta hodot. Johdatus ihmismaantieteeseen. 194 s.

Assessment methods and criteria:

Exam on examinarium or essay.
 Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1-5.

Person responsible:

Tuomo Alhojärvi

Working life cooperation:

No.

790346A: Nature conservation: a geographic perspective, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Marja Lindholm

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

Finnish and English

Timing:

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

Learning outcomes:

The 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 by reading the material of Physical Geography and by writing three applied essays. The topics of the essays are agreed separately with the course supervisor.

Mode of delivery:

The student gets course instructions and agrees the subjects of the essays with the course supervisor.

Learning activities and teaching methods:

Independent work, essays

Target group:

Major students in geography.

Prerequisites and co-requisites:

-

Recommended optional programme components:

Course is part of minor studies in Basic Studies in Environmental Conservation

Recommended or required reading:

List of source books is given together with course instructions.

Assessment methods and criteria:

The student writes three applied essays. Read more about assessment criteria at the University of Oulu webpage.

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

Grading:

The course utilizes a numerical grading scale 1-5.

Person responsible:

Marja Lindholm

Working life cooperation:

No.

790325A: Applied literature of Geography, 1 - 5 op

Voimassaolo: 01.01.2017 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Eeva-Kaisa Prokkola, Janne Alahuhta, Juha Ridanpää

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

1-5 ECTS

Language of instruction:

Finnish or English

Timing:

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

Learning outcomes:

The student will deepen his/her knowledge through literature. More exact learning outcomes is based on method of implementation of the course.

Contents:

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

Mode of delivery:

Book exam, essay or other mode of independent studying.

Learning activities and teaching methods:

Ways of performance is discussed with the person responsible of the course.

Target group:

Bachelor students of geography

Prerequisites and co-requisites:

-

Recommended optional programme components:

-

Recommended or required reading:

Will be agreed with teacher.

Assessment methods and criteria:

Will be agreed with teacher. Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Janne Alahuhta, Juha Ridanpää and Eeva-Kaisa Prokkola

*Geography courses taken at other universities and colleges***795103P: Basic studies in Geography taken abroad, 0 - 60 op****Voimassaolo:** 01.08.2019 -**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Field of Geography**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Voidaan suorittaa useasti:** Kyllä

Ei opintojaksokuvauksia.

795303A: Intermediate studies in Geography taken abroad, 0 - 60 op**Voimassaolo:** 01.08.2019 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Field of Geography**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Voidaan suorittaa useasti:** Kyllä

Ei opintojaksokuvauksia.

795102P: Basic studies in Geography in other Universities/Institutes , 0 - 60 op**Voimassaolo:** 01.08.2019 -**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Field of Geography**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Voidaan suorittaa useasti:** Kyllä

Ei opintojaksokuvauksia.

795302A: Intermediate studies in Geography in other Universities/Institutes, 0 - 60 op**Voimassaolo:** 01.08.2019 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Field of Geography**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Voidaan suorittaa useasti:** Kyllä

Ei opintojaksokuvauksia.

Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

791630S: Book exam geoinformatic, 3 - 5 op

Voimassaolo: - 31.07.2020

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Field of Geography

Arvostelu: 1 - 5, pass, fail

Opettajat: Harri Antikainen

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

3-5 ECTS

Language of instruction:

Finnish/English

Timing:

1st MSc-year, 2nd semester.

Learning outcomes:

Student increases her/his knowledge of other applications in geoinformatics

Contents:

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

Mode of delivery:

Book exam

Learning activities and teaching methods:

Book exam

Target group:

Part of GIS minor studies

Prerequisites and co-requisites:

-

Recommended optional programme components:

-

Recommended or required reading:

Ask professor Rusanen

Assessment methods and criteria:

Exam on examinarium.

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

Grading:

1-5

Person responsible:

Professor Rusanen

Working life cooperation:

No

Other information:

-