# **Opasraportti**

# Master's Degree Programme in Learning, Education and Technology (LET) (2013 - 2014)

The Master's Degree Programme in Learning, Education and Technology (LET) educates experts in learning. The core of the education consists of three theoretical viewpoints: self-regulated learning, collaborative learning, and the learning of expertise. Each aspect requires strong individual learning skills, and understanding and developing these abilities are essential in this program. Expertise includes abilities to use technologies in pedagogically grounded manners in different learning contexts.

The objectives, contents, and study methods of the program are based on the latest research in the field of learning, as well as expectations set by the individual's working life and the society. Graduates from the LET program are competent to work for example in professions such as teachers, educators, educational consultants, human resources developers, project leaders, coordinators, researchers, and administrators in both the private and public sectors.

Learning, Education and Technology (LET) is a full-time two-year international Master's Program (120 ECTS credits). After completing the program, students are awarded a Master of Arts (Education) degree, which enables them to continue their academic studies at the doctoral level. This degree does not constitute a formal teaching qualification.

See Course Structure Diagram 2013-2014 here

# **Tutkintorakenteet**

# LET - Master's Degree Programme in Learning, Education and Technology

Tutkintorakenteen tila: archived

Lukuvuosi: 2013-14

Lukuvuoden alkamispäivämäärä: 01.08.2013

# General Studies: Language, Communication, and Orientation Studies (5 op)

In the LET programme, students must complete 5 credits of general studies. The general studies form an orientation to the university studies in Finland and particularly to the LET program. The general studies are divided to language studies (2 credits) and communication and orientation studies (3 credits).

# **Language Studies**

#### **Communication and Orientation Studies**

405517Y: Communication and orientation studies, 3 op

# Minor Subject Studies: Introductory Studies in Educational Technology (25 op)

In the LET programme, all students must complete minor subject studies in Introductory Studies of Educational Technology (total 25 ECTS credits).

418021P: Designing Technology-Enhanced Learning, 7 op 418022P: Educational Projects, 6 op 418019P: Introduction to Learning and Educational Technology, 5 op 418020P: Learning Theory and Pedagogical use of ICT, 7 op

# Major Subject Studies: Advanced Studies in Educational Sciences (80 op)

In the LET programme, all students must complete 80 credits of major subject studies.

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413312S: Collaborative Learning, 5 op
413314S: Designing Technology-Enhanced Learning, 5 op
413313S: Learning of Expertise, 10 op
413317S: Literature, 4 op
408013S: Master's Thesis, 35 - 40 op

Compulsory
408013S-01: Maturity Test, 30 op
408013S-02: Seminar, 5 op
408013S-03: Abstract / Maturity Test, 0 op
408517S: Research methodology, 10 op

Compulsory
408517S-01: Quantitative Methodology, 5 op
408517S-02: Qualitative Methodology, 5 op
413311S: Self-Regulated Learning, 8 op
```

# Optional Studies (enintään 10 op)

In the LET programme, students can select a total of 10 credits of optional studies. Students can select their optional studies, e.g., on the basis of their previous studies, thesis topic, or personal interest.

Kindly note that in order to complete courses by other departments or Languages and Communications Center, etc. students might need to apply for a study right or they might be required to register by certain annual deadline. Students are advised to familiarise themselves with the policies and procedures of the department in question.

# Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja - jaksot

```
900013Y: Beginners' Finnish Course 1, 3 op
900053Y: Beginners' Finnish Course 2, 5 op
900054Y: Conversational Skills in Finnish, 3 op
900020Y: Finnish for Advanced Students, 4 op
900015Y: Intermediate Finnish Course 1, 5 op
900016Y: Intermediate Finnish Course 2, 5 op
901001Y: Second Official Language (Swedish), 2 op
405033Y: Survival Finnish, 2 op
```

# Opintojaksojen kuvaukset

# Tutkintorakenteisiin kuuluvien opintokohteiden kuvaukset

# 405517Y: Communication and orientation studies, 3 op

Voimassaolo: 01.08.2011 - Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

**ECTS Credits:** 

3 ECTS

Language of instruction:

English **Timing:**Autumn 2012

#### Learning outcomes:

After this course, the student is able to

- search for scientific publications in databases and evaluate them
- identify a scientific text and what separates it from other publications
- use central referencing practices and the basic functions of bibliographic management software

#### **Contents:**

- Academic communication and writing
- · Characteristics and assessment of scientific texts
- Use of databases

# Learning activities and teaching methods:

Contact teaching 8 h, practice sessions 16 h, collaborative and independent study in contact teaching sessions and online 56 h.

# **Target group:**

Students in LET Master's degree program

#### Recommended or required reading:

To be announced at the beginning of the module.

#### Assessment methods and criteria:

Active participation in contact teaching, practice sessions, and the collaborative and independent work. Successful completion of the learning assignments and practice works.

Read more about assessment criteria at the University of Oulu webpage.

# 418021P: Designing Technology-Enhanced Learning, 7 op

Voimassaolo: 01.08.2011 - Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

**ECTS Credits:** 

7 ECTS

#### Language of instruction:

English/Finnish

Timing:

Spring term, 1 st year studies in the LET Master's Degree Programme

# Learning outcomes:

After completion of this course, the student knows how to

• describe the theoretical background and main stages of designing technology-enhanced learning (TEL)

- design a TEL course
- justify and evaluate instructional and technological design

#### Contents:

- Technology-Enhanced Learning (TEL) as a concept
- Designing TEL: instructional and technological design
- Structuring individual and collaborative learning activities
- Implementing and evaluating TEL

#### Mode of delivery:

Face-to-face and online

### Learning activities and teaching methods:

Face-to-face / online 32h

Collaborative and individual learning 150h

Students become familiar with the key concepts, theories and approaches of technology-enhanced learning (TEL) and implement this knowledge by designing their own course in small groups. Students reflect and report on the different stages of the design process in a digital portfolio.

#### Target group:

1st year students on the LET Master's Programme

Educational Technology minor students

Other students

#### Prerequisites and co-requisites:

No

#### Recommended optional programme components:

No

#### Recommended or required reading:

Contemporary readings in the field of technology-enhanced learning, to be announced at the beginning of the course **Assessment methods and criteria**:

Active participation in face-to-face teaching and collaborative and independent work. Successful completion of all the learning assignments and exercises.

Read more about assessment criteria at the University of Oulu webpage.

#### **Grading:**

0-5

#### Person responsible:

Essi Vuopala

# Working life cooperation:

No

# Other information:

The students in the Master's Degree Programme in Education and Globalization (EdGlo) join the same face-to-face sessions in their own 5-credit course "Designing Technology-Enhanced Learning"

# 418022P: Educational Projects, 6 op

Voimassaolo: 01.08.2011 - Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

#### **ECTS Credits:**

6 ECTS

# Language of instruction:

English/Finnish

#### Timing:

Spring term, 1 st year studies in the LET Master's Programme

#### Learning outcomes:

After completion of this course, the student knows how to

- plan and implement an educational project
- work responsibly as a member of a project team in collaboration with a client
- apply theoretical knowledge of learning to solve practical challenges in educational working contexts

• report and inform different target groups on the project

#### Contents:

- Basics of project work
- Planning, implementation and administration of projects
- Educational projects
- Technology in support of project work

#### Mode of delivery:

Face-to-face and online

#### Learning activities and teaching methods:

Face-to-face 40h

Collaborative and individual learning 120h

In this course the students implement an educational project for a local company, school or other organization. The students design, implement and report on the project in a project group under the teacher's guidance. In this course the students learn about project work in theory and practice. Students reflect and report on different phases of their project work in their digital portfolio.

#### Target group:

1st year students on the LET Master's Programme

Educational Technology minor students

Other students (see the prerequisites below)

#### Prerequisites and co-requisites:

Before joining this course, the student should have completed the following courses:

418019P Introduction to Learning and Educational Technology

418020P Learning Theory and Pedagogical Use of Technology

# Recommended optional programme components:

no

# Recommended or required reading:

Contemporary readings in the field of learning, educational technology and educational projects, to be announced at the beginning of the course

#### Assessment methods and criteria:

Active participation in face-to-face and collaborative and individual learning. Successful completion of all the learning assignments and exercises.

Read more about assessment criteria at the University of Oulu webpage.

#### **Grading:**

0-5

# Person responsible:

Essi Vuopala

# Working life cooperation:

no

# 418019P: Introduction to Learning and Educational Technology, 5 op

Voimassaolo: 01.08.2011 - Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

# **ECTS Credits:**

5 ECTS

#### Language of instruction:

English/Finnish

# Timina:

autumn 2013

#### Learning outcomes:

After completion of this course, the student knows how to

- describe the basic concepts of learning sciences and educational technology
- name some of the major research topics in the field of learning sciences and technology enhanced learning
- identify and discuss contemporary issues in educational technology in global and local educational contexts
- use contemporary educational software and hardware, and also evaluate those pedagogical usability

• create a digital portfolio in the form of a personal journal in a weblog

#### Contents:

- Basic concepts of instruction, learning and technology enhanced learning
- Introduction to the field of learning sciences and technology enhanced learning: objectives, research subjects and theoretical framework
- Reflection on one's own learning and expertise
- Pedagogical use of contemporary educational software and hardware

#### Mode of delivery:

Face-to-face and online

### Learning activities and teaching methods:

Face-to Face 50h

Collaborative and individual learning 80 h

In this course the students familiarise themselves with the theoretical background, core concepts, and contemporary tools of educational technology. The course introduces the students to the field of learning sciences and examines the role of learning and educational technology in a globalised world. One central goal of this course is to learn to use and evaluate technologies in a pedagogically meaningful way. In this course students start to reflect on their own learning and expertise in a digital portfolio.

#### Target group:

1st year students on the LET Master's Programme

Educational Technology minor students

Other students (as a part of their optional studies)

#### Prerequisites and co-requisites:

no

#### Recommended or required reading:

- How People Learn: Brain, Mind, Experience, and School: Expanded Edition. (2000). Washington, DC: The National Academies Press.
- and/or other contemporary readings in the field of learning and educational technology, to be announced at the beginning of the course.

#### Assessment methods and criteria:

Active participation in face-to-face teaching and collaborative and independent work. Successful completion of all the learning assignments and exercises.

Read more about <u>assessment criteria</u> at the University of Oulu webpage.

#### **Grading:**

0-5

# Person responsible:

Essi Vuopala

# 418020P: Learning Theory and Pedagogical use of ICT, 7 op

Voimassaolo: 01.08.2011 - Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

#### **ECTS Credits:**

7 ECTS

# Language of instruction:

English/Finnish

# Timing:

Autumn term, 1st year studies in the LET Master's Programme

#### Learning outcomes:

After completion of this course, the student knows how to

- identify the theoretical principles underlying technology-enhanced learning
- define the concepts of self-regulated learning, collaborative learning and learning of expertise
- describe the use of technology to support such learning
- justify pedagogical use of technology by using current theoretical knowledge of learning

#### **Contents:**

• Self-Regulated Learning

- Collaborative Learning and Computer-Supported Collaborative Learning (CSCL)
- Learning of Expertise
- Supporting learning with technology

#### Mode of delivery:

face-to-face and online

#### Learning activities and teaching methods:

Face-to-face 30 h

Collaborative and individual learning 157 h

The course includes three theoretical viewpoints on learning: self-regulated learning, collaborative learning, and learning of expertise. The goal of the course is to understand these theoretical principles of learning and comprehend the possibilities to support such learning with technology. Students reflect on their theoretical knowledge and their own learning process in their digital portfolio

# Target group:

1st year students on the LET Master's Programme

Educational Technology minor students

Other students (as a part of their optional studies)

#### Prerequisites and co-requisites:

no

#### Recommended optional programme components:

no

#### Recommended or required reading:

- How People Learn: Brain, Mind, Experience, and School: Expanded Edition. (2000). Washington, DC: The National Academies Press.
- Boekaerts, M. Pintrich, P.R. & M. Zeidner, M. (Eds.), (2000). Handbook of Self-Regulation. San Diego, CA: Academic Press.
- Spada E. & Reiman, P. (Eds) (1996). Learning in Humans and Machine: Towards an interdisciplinary learning science. Oxford: Elsevier.
- Bereiter, C. & Scardamalia, M. (1993). Surpassing ourselves: An Inquiry Into the Nature and Implications of Expertise. Open Court Publishing Company.
- and/or other contemporary readings in the field of learning and educational technology, to be announced at the beginning of the course.

#### Assessment methods and criteria:

Active participation and collaborative and independent work. Successful completion of all the learning assignments and exercises.

Read more about assessment criteria at the University of Oulu webpage.

#### **Grading:**

0-5

## Person responsible:

Essi Vuopala

#### Working life cooperation:

No

# 413312S: Collaborative Learning, 5 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: English

# **ECTS Credits:**

8 ECTS

#### Language of instruction:

**English** 

#### Timing:

Autumn term, 2 nd year studies in the LET Master's Programme

# Learning outcomes:

After completion of this course the students are able to

 understand the state-of-the-art theoretical basis for CSCL and learning communities in various educational and work-life contexts

- deepen their understanding of one area of CSCL
- design, evaluate, and assess collaborative learning in technology-enhanced environments
- improve collaborative academic writing and argumentation skills

#### Contents:

- Computer-Supported Collaborative Learning (CSCL)
- Emotions and motivation in collaborative learning
- Structuring collaborative learning
- Metacognition and problem-solving in CSCL
- Collaborative academic writing

#### Mode of delivery:

Face-to-face and online

#### Learning activities and teaching methods:

Face-to-face 20 h

Individual online learning 58 h Collaborative online learning 130 h

#### Target group:

2nd year students in the LET Master's Programme

### Prerequisites and co-requisites:

No

#### Recommended optional programme components:

Communication and Orientation Studies (405517Y)

Introduction to Learning and Educational Technology (418019P)

Learning Theory and Pedagogical Use of Technology (418020P)

#### Recommended or required reading:

To be announced at the beginning of the course

#### Assessment methods and criteria:

Active participation in face-to-face and collaborative and individual work. Successful completion of all the learning assignments and exercises.

Read more about assessment criteria at the University of Oulu webpage.

#### **Grading:**

0-5

## Person responsible:

Essi Vuopala

#### Working life cooperation:

No

# 413314S: Designing Technology-Enhanced Learning, 5 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: English

# **ECTS Credits:**

**7.5 ECTS** 

#### Language of instruction:

English **Timing:** 

Edutool: spring 2013, LET: spring 2014

#### Learning outcomes:

After completing the module students will be able to

- recognize needs, problems, situations and practices of pedagogical use of technologies in global school systems and find research-based solutions for the shortcomings
- analyze and compare education in different school systems and identify factors affecting education in global contexts
- design technology-enhanced learning processes, in order to develop and analyze structures for the best practices

### Contents:

- Concept of comparative education, school system and technology-enhanced learning
- Introduction of school systems of participating countries
- Pedagogical use of technologies in learning and in different school systems
- Designing, supporting and assessing TEL

#### Mode of delivery:

Face-to-face and web-based teaching

# Learning activities and teaching methods:

Lectures 50 h, individual and collaborative studying in virtual learning environment 150 h.

#### Target group:

Students in EDUTOOL and LET master's degree programs

### Prerequisites and co-requisites:

Nο

## Recommended optional programme components:

Nο

#### Recommended or required reading:

Will be confirmed at the beginning of the module.

#### Assessment methods and criteria:

Active participation to the lectures, individual and collaborative studying in virtual learning environment.

Read more about assessment criteria at the University of Oulu webpage.

#### **Grading:**

0-5

#### Person responsible:

Pirkko Hyvönen

# Working life cooperation:

Nο

# 413313S: Learning of Expertise, 10 op

Voimassaolo: 01.02.2011 -

Opiskelumuoto: Advanced Studies

Laii: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail Opintokohteen kielet: English

# **ECTS Credits:**

**7,5 ECTS** 

#### Language of instruction:

Edutool: Finnish, LET: English

Timing:

Edutool: autumn 2011-spring 2013, LET: autumn 2012-spring 2014

#### Learning outcomes:

After this course, the student

- is able to examine the learning of expertise as a life-long process that one can pursue oneself
- understands the theoretical framework of the learning of expertise and is able to apply it in practice
- is able to explain and interpret the factors affecting the learning of expertise
- is able to monitor and reflect upon his/her own activity and the activity of the society in the framework of the acquisition of expertise
- understands the effect of education and the working life in supporting the learning of expertise

#### **Contents:**

- Education, working life and expertise
- Theoretical background of the learning of expertise
- Working strategies characteristic of an expert
- Social innovations as a part of expertise

#### Mode of delivery:

Face-to-face and web-based teaching

# Learning activities and teaching methods:

Lectures 40 h, individual and collaborative studying in virtual learning environment 160 h

#### Target group:

Students in LET and EDUTOOL Master's degree programs

#### Prerequisites and co-requisites:

None

#### Recommended optional programme components:

None

#### Recommended or required reading:

To be announced at the beginning of the module

#### Assessment methods and criteria:

Active participation in contact teaching and collaborative and independent work in an expert group. Completing learning assignments.

Read more about assessment criteria at the University of Oulu webpage.

#### **Grading:**

0-5

#### Person responsible:

Pirkko Hyvönen and Niina Impiö

#### Working life cooperation:

None

# 413317S: Literature, 4 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail Opintokohteen kielet: English

Ei opintojaksokuvauksia.

# 408013S: Master's Thesis, 35 - 40 op

Voimassaolo: 01.08.2005 - 31.07.2016 Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

### **ECTS Credits:**

35 cr

#### Language of instruction:

Finnish or English

Timing:

Master's studies

# Learning outcomes:

The student

- is able to write either alone or in pairs an educational thesis that proves familiarity with the thematic area of the thesis and shows an ability for scientific thinking,
- masters the research methods chosen by her/him and shows a readiness for scientific communication
- knows how to assess theses made by others, take part in scientific discussion and defend her/his own thesis

#### Contents:

The course includes the following:

- presentation of research plan and report
- · acquisition and reading of research literature
- familiarisation with research methods
- · writing a thesis on an educational topic
- active participation in seminar sessions

#### Mode of delivery:

Face-to-face teaching

# Learning activities and teaching methods:

Seminar sessions 40 h, presentation of research plan and report, acting as a peer opponent, writing the thesis self-directedly

#### Target group:

Students in the Faculty of Education

# Prerequisites and co-requisites:

Bachelor's Thesis

#### Recommended optional programme components:

Advanced course in quantitative/qualitative research

The course is part of the Advanced Studies in the major subject.

#### Recommended or required reading:

Research and methodological literature: refereed publications

#### Assessment methods and criteria:

Participation in seminar sessions, writing a thesis and its presentation in a seminar session, acting as peer opponent and writing of the maturity test (the thesis abstract)

Read more about assessment criteria at the University of Oulu webpage.

#### **Grading:**

0 - 5

#### Person responsible:

Hannu Heikkinen and the leaders of seminar groups

#### Working life cooperation:

None

#### Other information:

For details on current Bachelor's and Master's thesis groups, see <a href="www.oulu.fi/ktk/opinnaytetyot">www.oulu.fi/ktk/opinnaytetyot</a>. The webpages are updated annually in the beginning of the autumn term.

#### Compulsory

## 408013S-01: Maturity Test, 30 op

Voimassaolo: 01.08.2005 - 31.07.2016 Opiskelumuoto: Advanced Studies

Laji: Diploma thesis

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

#### Assessment methods and criteria:

Read more about assessment criteria at the University of Oulu webpage.

#### 408013S-02: Seminar, 5 op

Voimassaolo: 01.08.2005 - 31.07.2016 Opiskelumuoto: Advanced Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

#### Assessment methods and criteria:

Read more about assessment criteria at the University of Oulu webpage.

#### 408013S-03: Abstract / Maturity Test, 0 op

Voimassaolo: 01.08.2013 - 31.07.2016 Opiskelumuoto: Advanced Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

#### Assessment methods and criteria:

Read more about assessment criteria at the University of Oulu webpage.

# 408517S: Research methodology, 10 op

Voimassaolo: 01.08.2006 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen oppimateriaali:

Silverman, David,, 2005 Silverman, David,, 2000 Kerlinger, Fred N.,, 2000 Schostak, John,, 2006 Coffey, Amanda,, 1996 Creswell, John W.,, 1998 Opintokohteen kielet: English

#### **ECTS Credits:**

10 credits

#### Language of instruction:

English

Timing:

EdGlo: 1st year, autumn and spring

DD: 2nd year, autumn and spring (in Oulu)

LET: 1st year, autumn and spring

#### Learning outcomes:

After completion of the course, students are able to:

- Identify the characteristics and main traditions of both qualitative, quantitative and mixed methods research, particularly in the humanities and social sciences
- Analyse the main approaches and research methods from the perspective of various traditions
- Produce a research plan and a coherent, logical and justified research report
- Collect data and apply various methods of analysis and interpretation
- Determine the credibility and ethics of research projects

#### **Contents:**

- · Research methodologies
- Construction of a methodological framework in research
- Data collection
- Analysis of data and its interpretation
- · Validity and reliability in research
- Reporting research
- Ethical questions in research

# Mode of delivery:

Face-to-face teaching

#### Learning activities and teaching methods:

80 h lectures/ seminars, 190 h independent study

#### Target group:

1st year students in the Master's Degree Programme in Education and Globalisation (EDGLO)

DD students

1st year students in the Master's Degree Programme in Learning, Education and Technology (LET)

### Prerequisites and co-requisites:

No

#### Recommended optional programme components:

EdGlo: 1st and 2nd year courses: 408512S, 408513S, 408514S, 405287S, 408515S, 408516S, and 408510S

Recommended or required reading:

Creswell, J. W. (1998). Qualitative inquiry and research design. London: Sage.

Kerlinger, F. (2000). *Foundations of behavioural research.* Fort Worth: Harcourt College Publishers. Silverman, D. (2000). *Doing qualitative research. a practical handbook.* London: Sage. Other study material will be confirmed at the beginning of the course.

The availability of the literature can be checked from this link.

#### Assessment methods and criteria:

Active participation in lectures/seminars, an essay, an exam

Read more about assessment criteria at the University of Oulu webpage.

#### **Grading:**

0 - 5

#### Person responsible:

Quantitative Methodology: Jouni Peltonen (Master's Degree Programme in Education and Globalisation, Double

Degree Programme, and Master's Degree Programme in Learning, Education and Technology)

Qualitative Methodology: Maija Lanas (Master's Degree Programme in Education and Globalisation, Double Degree

Programme), Pirkko Hyvönen (Master's Degree Programme in Learning, Education and Technology)

#### Working life cooperation:

Nο

#### Other information:

Nο

Compulsory

# 408517S-01: Quantitative Methodology, 5 op

Voimassaolo: 01.08.2006 -

Opiskelumuoto: Advanced Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail Opintokohteen kielet: English

Leikkaavuudet:

413030S Advanced course in quantitative research 5.0 op

#### **ECTS Credits:**

5 credits

#### Assessment methods and criteria:

Read more about assessment criteria at the University of Oulu webpage.

#### 408517S-02: Qualitative Methodology, 5 op

Voimassaolo: 01.08.2006 -

Opiskelumuoto: Advanced Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

**Arvostelu:** 1 - 5, pass, fail **Opintokohteen kielet:** English

Leikkaavuudet:

413031S Advanced course in qualitative research 5.0 op

# **ECTS Credits:**

5 credits

# Assessment methods and criteria:

Read more about assessment criteria at the University of Oulu webpage.

#### 413311S: Self-Regulated Learning, 8 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

**ECTS Credits:** 

8 ECTS

# Language of instruction:

English

## Timing:

Autumn term, 1 st year studies in the LET Master's programme

#### Learning outcomes:

After completion of this course, the student

- understands the main principles and key concepts of self-regulated learning
- develops understanding of the practical implications of SRL in different real life contexts
- has experience of self-regulated learning and shared regulation of learning
- is capable of applying the basic principles of self-regulated learning to his/her own thinking

#### Contents:

Self-regulated learning is a process by which students regulate their cognition, motivation and emotions. During this course students are

- introduced theoretical principles of self-regulated learning aligned with practical examples. Furthermore, this course will provide guided opportunities for the students to
- apply principles of self-regulated learning in their own learning

#### Mode of delivery:

Face-to-face, individual and collaborative learning

# Learning activities and teaching methods:

The course will be delivered in the autumn term. The course consists of four different learning phases each focusing on different aspects of self-regulated learning. Each phase has a similar structure: One day face-to-face following by one week individual and one week collaborative learning. During the independent and collaborative phases students will be working online.

Face-to-face 30 h

Individual learning 80 h

Collaborative learning 70 h

#### Target group:

1st year students in the LET Master's Programme

#### Prerequisites and co-requisites:

no

#### Recommended optional programme components:

no

#### Recommended or required reading:

• Hadwin, A. F., Järvelä, S., & Miller, M. (2011). Self-regulated, co-regulated and socially shared regulation of learning. In B. Zimmerman & D. Schunk (Eds.), Handbook of self-regulation of learning and performance (pp. 65-84). New York: Routledge .

#### Assessment methods and criteria:

Active participation in face-to-face, collaborative and individual learning. Successful completion of all the learning assignments and the exam.

Read more about assessment criteria at the University of Oulu webpage.

#### **Grading:**

0-5

# Person responsible:

Sanna Järvelä

# Working life cooperation:

no

# Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

# 900013Y: Beginners' Finnish Course 1, 3 op

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laii: Course

Vastuuyksikkö: Language Centre

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay900013Y Beginners' Finnish Course 1 (OPEN UNI) 2.0 op

#### **Proficiency level:**

A1.2 Status:

#### Required proficiency level:

A1.1, Completion of the Survival Finnish course (900017Y) or the equivalent language skills.

# **ECTS Credits:**

2 ECTS credits

#### Language of instruction:

As much Finnish as possible; English will be used as a help language.

# Timing:

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#### Learning outcomes:

By the end of the course the student can understand and use some familiar and common everyday expressions relating to her/himself and everyday situations. S/he can interact in a simple way provided the other person talks slowly and clearly and is willing to help. The student is able to read short simple texts and messages dealing with familiar topics. S/he also deepens her/his understanding of the Finnish language and communication styles.

#### **Contents:**

This is lower elementary course which aims to help students to learn communication skills in ordinary everyday situations. During the course, students broaden their vocabulary and knowledge of grammar and principles of pronunciation. They also practise to understand easy Finnish talk about everyday subjects, and reading and writing short and simple texts/messages.

The topics and communicative situations covered in the course are: talking about oneself, one's family, studies and daily routines, as well as asking about these things from other person, expressing opinions, describing people and things, talking about weather and seasons, the names of the months and colours.

The structures studied are: verb types, basics of the change of the consonants k, p and t in verbs and nouns, the genitive and partitive cases, possessive structure, some declension types for nouns (word types) and the basics of the local cases.

# Mode of delivery:

Contact teaching

# Learning activities and teaching methods:

Lessons twice a week (26 h) and self study (24 h).

#### Target group:

International degree and post-graduate degree students of the University.

#### Prerequisites and co-requisites:

Completion of the Survival Finnish Course

# Recommended optional programme components:

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# Recommended or required reading:

Gehring, S. & Heinzmann, S.: Suomen mestari 1 (chapters 3-5)

#### Assessment methods and criteria:

Regular and active participation in the weekly lessons (twice a week), homework assignments and written exam at the end of the course will be observed in assessment.

Read more about assessment criteria at the University of Oulu webpage.

# **Grading:**

Grading scale is 1-5.

#### Person responsible:

Anne Koskela

#### Working life cooperation:

#### Other information:

Sign-up in WebOodi. The course will start right after the Survival Finnish course. The lessons will be held twice a week during a 6-week period.

# 900053Y: Beginners' Finnish Course 2, 5 op

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laii: Course

Vastuuyksikkö: Language Centre

Arvostelu: 1 - 5, pass, fail Opintokohteen kielet: Finnish

Leikkaavuudet:

av900053Y Beginners' Finnish Course 2 (OPEN UNI) 4.0 op

#### **Proficiency level:**

A1.3 Status:

# Required proficiency level:

Completion of the Beginners' Finnish course 1 (900013Y) or the equivalent language skills.

#### **ECTS Credits:**

4 ECTS credits

#### Language of instruction:

As much Finnish as possible; English will be used as a help language.

#### Timing:

#### Learning outcomes:

By the end of the course the student can understand and use some very common everyday expressions and sentences. S/he can communicate in easy and routine tasks requiring a simple and direct exchange of information on familiar everyday matters. The student understands different kinds of short texts. S/he can for example locate important information in them. In addition, s/he has acquired more detailed knowledge of the language and culture.

#### Contents:

This is a post-elementary course. During the course students learn more about communication in ordinary everyday situations in Finnish. They also extend their vocabulary and knowledge of grammar. Students practise understanding simple Finnish talk and short texts.

The topics and communicative situations covered in the course are: asking for and giving directions, asking for help/favours, carrying out transactions in shops and restaurants, making appointments, talking about the past, asking for and expressing opinions and feelings, accommodation, travelling, vehicles, work, professions, food, drink and parties.

The structures studied are: the local cases, nominative plural (basic form plural), imperfect (past tense of verbs), part of the imperative, more declension types for nouns (word types), more about the change of the consonants k, p and t in verbs and nouns, declension of the demonstrative pronouns and personal pronouns, more about the partitive case, basics of the object cases, postpositions and some sentence types in Finnish.

# Mode of delivery:

Contact teaching

#### Learning activities and teaching methods:

Lessons twice a week (50 h) and self study (50 h).

# Target group:

International degree and post-graduate degree students of the University.

# Prerequisites and co-requisites:

Completion of the Beginners' Finnish Course 1

### Recommended optional programme components:

#### Recommended or required reading:

Gehring, S. & Heinzmann, S.: Suomen mestari 1 (kappaleet 6-9)

#### Assessment methods and criteria:

Regular and active participation in the weekly lessons (twice a week), homework assignments and written midterm and final exams will be observed in assessment.

Read more about assessment criteria at the University of Oulu webpage.

#### **Grading:**

Grading scale is 1-5.

# Person responsible:

Anne Koskela

#### Working life cooperation:

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#### Other information:

Sign-up in WebOodi. The lessons will be held twice a week during a 13-week period.

# 900054Y: Conversational Skills in Finnish, 3 op

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Language Centre

Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

#### Proficiency level:

B1/B2, according to the Common European Framework.

Status:

-

#### Required proficiency level:

Completion of the Finnish course for advanced students (900020) or of Intermediate Finnish 2 (900016Y) at a high level or the equivalent language skills.

# **ECTS Credits:**

2 ECTS credits

# Language of instruction:

Finnish

#### Timing:

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#### Learning outcomes:

By the end of the course the student can interact with a degree of fluency (and spontaneity) that makes regular interaction with native speakers quite possible. S/he can describe and explain (clearly and in detail) on a wide range of objects, experiences and events, dreams, hopes and ambitions. The student can bring out opinions, give reasons and explanations for them and explain a viewpoint on a topical issue giving the advantages and disadvantages of various options. S/he is also able to give a (clear) prepared presentation and answer the questions posed by the audience.

#### Contents:

During the course students strengthen their communication skills in formal and informal situations. The goal is to activate the student's Finnish skills and encourage him/her to use them in different situations. There will be various types of situational dialogue, conversation and listening exercises in the course. In addition, students will conduct a short survey which will also be reported to other students in the class.

#### Mode of delivery:

Contact teaching

# Learning activities and teaching methods:

Lessons once a week (28 h), group work (10 h) and self study (12 h).

#### Target group:

International students and staff of the University.

#### Prerequisites and co-requisites:

Completion of the Finnish course for advanced students (900020) or of Intermediate Finnish 2 (900016Y) at a high level

#### Recommended optional programme components:

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#### Recommended or required reading:

Will be provided during the course.

#### Assessment methods and criteria:

To pass the course, students must attend class on a regular basis and complete group work tasks and homework assignments.

Read more about assessment criteria at the University of Oulu webpage.

#### **Grading:**

Grading is on a pass/fail basis.

# Person responsible:

Anne Koskela

#### Working life cooperation:

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#### Other information:

Sign-up in WebOodi.

# 900020Y: Finnish for Advanced Students, 4 op

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Language Centre

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay900020Y Finnish for Advanced Students (OPEN UNI) 4.0 op

#### **Proficiency level:**

B1, according to the Common European Framework

Status:

-

#### Required proficiency level:

A2.2 Completion of the Intermediate Finnish course 2 (900016Y) or the equivalent language skills.

#### **ECTS Credits:**

2 ECTS credits

# Language of instruction:

Finnish

#### Timing:

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# Learning outcomes:

By the end of the course the student can deal with most situations in Finnish. S/he can understand clear standard input on familiar matters regularly encountered in work, school and leisure and also the main points of messages and conversations in colloquial Finnish. The student is able to produce simple coherent and logical text on different topics. S/he can describe experiences and events, dreams, hopes and ambitions, and also explain and justify her/his opinions better than before.

#### **Contents:**

During the course students acquire the knowledge and skills for communicating in more formal situations and learn to understand formal and official texts. In the course students develop their Finnish skills especially for study and work purposes. In addition, they also study in more detail the differences between spoken and written language.

The topics and communicative situations covered in the course are: studying, applying for a job, the social welfare and political system in Finland, giving a presentation on a topic within one's own field or of personal interest.

The structures studied are: the essive and translative cases, the passive perfect and pluperfect, revision of the pronouns, comparison of adverbs, the participles and part of the clause replacements (infinitives and participial constructions).

#### Mode of delivery:

Contact teaching

# Learning activities and teaching methods:

Lessons once a week (26 h) and self study (24 h).

Target group:

International students and staff of the University.

#### Prerequisites and co-requisites:

Completion of the Intermediate Finnish Course 2

#### Recommended optional programme components:

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#### Recommended or required reading:

Will be informed later

#### Assessment methods and criteria:

Regular and active participation in the weekly lessons (once a week), homework assignments and written exam at the end of the course will be observed in assessment.

Read more about assessment criteria at the University of Oulu webpage.

#### Grading:

Grading scale is 1-5.

# Person responsible:

Anne Koskela

#### Working life cooperation:

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#### Other information:

Sign-up in WebOodi. The lessons will be held once a week during a 13-week period or twice a week during a 6-week period.

# 900015Y: Intermediate Finnish Course 1, 5 op

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Language Centre

Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

Leikkaavuudet:

ay900015Y Intermediate Finnish Course 1 (OPEN UNI) 4.0 op

#### **Proficiency level:**

A2.1 Status:

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# Required proficiency level:

A1.3 Completion of the Beginners' Finnish course 2 (900053Y) or the equivalent language skills.

#### **ECTS Credits:**

4 ECTS credits

# Language of instruction:

Mainly Finnish

Timing:

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#### Learning outcomes:

By the end of the course the student can communicate in ordinary everyday situations when the topics are familiar or connected with everyday matters. S/he can search for and locate key informational content in different kinds of texts. The student can also identify the topic and some details of the discussion around her/him. S/he can describe activities and personal experiences both orally and in writing and s/he also knows the difference between spoken/colloquial and written/standard language. The student knows how things can be expressed with different degrees of politeness and can apply that information in her/his own communication.

#### Contents:

The course is a lower intermediate course. During the course students strengthen their communication skills in ordinary everyday situations and acquire a wider vocabulary and more thorough knowledge of grammar. In addition, students practise understanding and producing Finnish talk and reading newspaper articles.

The topics and communicative situations covered in the course are: requesting different kinds of requests, expressing politeness, making appointments with friends, giving directions, doing the shopping, talking about the past and talking about his/her future plans, hobbies, transactions e.g. in the bank and post office, celebrations and festivals in Finland.

The structures studied are: part of the conditional, more about the imperative, the verb rections, the deverbal noun (-minen), passive present tense, part of the plural declension of nouns, the third infinitive (ma-infinitive), more about sentence types, perfect tense, more about object cases.

# Mode of delivery:

Contact teaching

# Learning activities and teaching methods:

Lessons twice a week (50 h) and self study (50 h).

#### Target group:

International students and staff of the University.

#### Prerequisites and co-requisites:

Completion of the Beginners' Finnish Course 2

## Recommended optional programme components:

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#### Recommended or required reading:

Gehring, S. & Heinzmann, S.: Suomen mestari 2, (chapters 1 - 5)

#### Assessment methods and criteria:

Regular and active participation in the weekly lessons (twice a week), homework assignments and written midterm and final exams will be observed in assessment.

Read more about assessment criteria at the University of Oulu webpage.

#### **Grading:**

Grading scale is 1-5.

# Person responsible:

Anne Koskela

# Working life cooperation:

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#### Other information:

Sign-up in WebOodi. The lessons will be held twice a week during a 13-week period.

# 900016Y: Intermediate Finnish Course 2, 5 op

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Language Centre

Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

#### **Proficiency level:**

A2.2

#### Status:

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# Required proficiency level:

A2.1 Completion of the Intermediate Finnish course 1 (900015Y) or the equivalent language skills.

### **ECTS Credits:**

4 ECTS credits

#### Language of instruction:

Finnish

# Timing:

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# Learning outcomes:

By the end of the course the student can communicate in various informal situations in Finnish. The student understands the main points of messages and talk around her/him. S/he can produce simple connected text on topics which are familiar or of personal interest and describe experiences and also report heard content to others.

#### Contents:

The course is an upper intermediate course. During the course students learn the necessary written and oral skills to be able to cope in informal situations arising during everyday life, work and study. In the course, students practise understanding more Finnish talk and newspaper articles, and finding information and talking about it to other people. Part of the course consists of guided self study tasks. In the classes the main stress is on oral exercises and group work.

The topics and communicative situations covered in the course are: transactions e.g. in clothes shops, at the doctor's and on the phone, Finnish small talk, reacting in different situations, planning a trip and booking e.g. a flight, information and facts about Finland and its history, telling about one's home country and home town, features of colloquial/spoken language.

The structures studied are: the perfect and pluperfect, revision of all the verb tenses, comparison of adjectives, more about the conditional, more about the plural declension of nouns (particularly the plural partitive case), more about object and predicative cases, the passive imperfect.

# Mode of delivery:

Contact teaching

#### Learning activities and teaching methods:

Lessons twice a week (50 h) and self study (50 h).

# Target group:

International students and staff of the University.

#### Prerequisites and co-requisites:

Completion of the Intermediate Finnish Course 1

#### Recommended optional programme components:

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#### Recommended or required reading:

Gehring, S. & Heinzmann, S.: Suomen mestari 2 (chapters 6 - 9)

#### Assessment methods and criteria:

Regular and active participation in the weekly lessons (twice a week), homework assignments and written exam at the end of the course will be observed in assessment.

Read more about assessment criteria at the University of Oulu webpage.

#### **Grading:**

Grading scale is 1-5.

# Person responsible:

Anne Koskela

#### Working life cooperation:

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#### Other information:

Sign-up in WebOodi. The lessons will be held once a week during a 13-week period.

# 901001Y: Second Official Language (Swedish), 2 op

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Language Centre Opintokohteen kielet: Swedish

Leikkaavuudet:

ay901001Y Second Official Language (Swedish) (OPEN UNI) 2.0 op

# **Proficiency level:**

B1/B2/C1 (CEFR scale)

#### Status:

This course is compulsory to all students. The language proficiency provided by the course unit is equivalent to the language proficiency required of a state official with an academic degree working in a bilingual municipality area (Act 424/03 and Decree 481/03).

According to the requirements of the law, the student must be able to use Swedish both orally and in writing in various professional situations. Achieving this kind of proficiency during a course unit that lasts for only one semester requires that the student has already achieved the necessary starting proficiency level prior to taking the course.

# Required proficiency level:

The required starting proficiency level for students of all faculties is a grade of 7 or higher from the Swedish studies at secondary school (B-syllabus) or equivalent knowledge AND a passing grade from the proficiency test held at the beginning of the course unit. Based on this proficiency test the students are directed to brush up on their language skills with a self-study course (901028Y På väg 1-3, 2 ECTS credits) if it is deemed necessary; mastering basic vocabulary and grammar is a prerequisite to achieving the necessary language proficiency for the various communication situations one faces in professional life.

-If a student has not completed Swedish studies (B-language) at secondary school with a grade of 7 or higher, or his/her language skills are otherwise lacking, he/she must achieve the required proficiency level BEFORE taking this compulsory Swedish course unit. Information about brushing up on one's language skills can be found in Finnish here.

#### **ECTS Credits:**

2 ECTS credits

# Language of instruction:

Swedish

#### Timing:

autumn or spring term

#### Learning outcomes:

Upon completion of the course the student should be able to read and understand texts from his/her academic field and make conclusions based on them. The student should be able to write typical professional emails and short reports. He/she should be able to carry himself/herself according to Swedish etiquette when acting as host or guest. The student should also be able to discuss current events and special field-specific matters, use the vocabulary of education and plan and give short oral presentations relating to his/her own field.

#### Contents:

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

#### Mode of delivery:

Contact teaching

# Learning activities and teaching methods:

1 x 90 minutes or 2 x 90 minutes of contact teaching per week and related exercises, self-directed study, a total workload of 52 hours per course.

#### Target group:

Students of the Faculty of Education

# Prerequisites and co-requisites:

See Required proficiency level

# Recommended optional programme components:

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# Recommended or required reading:

The students will receive coyrse material subject to a charge.

#### Assessment methods and criteria:

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

Read more about assessment criteria at the University of Oulu webpage.

#### Grading:

Oral and written language proficiencies are tested separately and assessed using the so called KORU-criteria (publication of HAMK University of Applied Sciences, 2006). Separate grades will be awarded for the successful completions of both oral and written portions of the course unit: the possible passing grades are satisfactory skills and good skills (see language decree 481/03). The grades are based on continuous assessment and testing.

#### Person responsible:

See Contact teachers from Languages and Communication's home page

#### Working life cooperation:

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#### Other information:

Students sign up for teaching in WebOodi. A student can only sign up for one teaching group. When signing up in WebOodi, it is imperative that the student fills in his/her university email address (paju.oulu.fi), major subject and Swedish grades attained during secondary education in the Further Information field. The student will be notified of a place in the course unit via email prior to the beginning of teaching.

405033Y: Survival Finnish, 2 op

Voimassaolo: 01.08.2012 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

### **Proficiency level:**

A1, according to the Common European Framework

Required proficiency level: No previous Finnish studies.

**ECTS Credits:** 2 ECTS credits

## Language of instruction:

Finnish and English

Timing:

EdGlo: 1st year, autumn semester

#### Learning outcomes:

By the end of the course the student can understand and use some very common everyday expressions and phrases, and s/he can locate informational content in simple texts and messages. The student also knows the basic characteristics of Finnish language and Finnish communication styles.

#### Contents:

This is an introductory course which aims to help students to cope with the most common everyday situations in Finnish. During the course, students learn some useful everyday phrases, some general features of the vocabulary and grammar, and the main principles of pronunciation.

The topics and communicative situations covered in the course are: general information about the Finnish language, some politeness phrases (how to greet people, thank and apologize), introducing oneself, giving and asking for basic personal information, numbers, some time expressions (how to tell and ask the time, days of the week, time of day), food, drink and asking about prices.

The structures studied are: personal pronouns and their possessive forms, forming affirmative, negative and interrogative sentences, the conjugation of some verbs, the basics of the partitive singular and some local cases for answering the 'where'-question.

#### Mode of delivery:

Face-to-face teaching

#### Learning activities and teaching methods:

Lessons twice a week (20 h) and independent study (33 h).

# **Target group:**

International degree and exchange students of the Faculty of Education.

# Prerequisites and co-requisites:

None

#### Recommended optional programme components:

None

#### Recommended or required reading:

Will be provided during the course.

#### Assessment methods and criteria:

Regular and active participation in the weekly lessons (twice a week), homework assignments and written exam at the end of the course will be observed in assessment.

Read more about assessment criteria at the University of Oulu webpage.

#### **Grading:**

Grading scale is 1-5.

# Person responsible:

Riikka Rauhanummi and Marja Pohjola-Effe

#### Working life cooperation:

None

#### Other information:

This course is for international degree students and exchange students studying at the Faculty of Education. Sign-up in WeboOodi. The lessons will be held twice a week.