

Opasraportti

Learning, Education and Technology (2014 - 2015)

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 2014-2015 [here](#)

Tutkintorakenteet

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

Tutkintorakenteen tila: arkistoitu

Lukuvuosi: 2014-15

Lukuvuoden alkamispäivämäärä: 01.08.2014

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
 418019P: Johdatus oppimiseen ja koulutusteknologiaan, 5 op
 418022P: Koulutusprojektit, 6 op
 418020P: Oppimisen teoria ja teknologian opetuskäyttö, 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.

413312S: Collaborative Learning, 5 op
 413314S: Designing Technology-Enhanced Learning, 5 op
 413311S: Itsesäätoinen oppiminen, 8 op
 413317S: Kirjallisuus, 4 op
 413313S: Learning of Expertise, 10 op
 408013S: Pro gradu -tutkielma, 35 - 40 op
Pakollisuus
 408013S-01: Tutkielma, 30 op
 408013S-02: Seminaari, 5 op
 408013S-03: Tiivistelmä / Kypsyysnäyte, 0 op
 408517S: Research methodology, 10 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.

Opintojaksojen kuvaukset

Tutkintorakenteisiin kuuluvien opintokohteiden kuvaukset

405517Y: Communication and orientation studies, 3 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Yleisopinnot

Laji: Opintojakso

Vastuuyksikkö: Kasvatustieteiden tiedekunta

Arvostelu: 1 - 5, hyv, hyl

Opintokohteen kielet: suomi

Laajuus:

3 ECTS

Opetuskieli:

English

Ajoitus:

Autumn 2014

Osaamistavoitteet:

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

Sisältö:

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

Toteutustavat:

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

Kohderyhmä:

Students in LET Master's degree program

Oppimateriaali:

To be announced at the beginning of the module.

Suoritustavat ja arviointikriteerit:

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

Lue lisää [opintosuoritusten arvostelusta](#) yliopiston verkkosivulta.

Arviointiasteikko:

pass/fail

Vastuuhenkilö:

Aino-Maaria Palosaari

Työelämäyhteistyö:

No

418021P: Designing technology-enhanced learning, 7 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Perusopinnot

Laji: Opintojakso

Vastuuyksikkö: Kasvatustieteiden tiedekunta

Arvostelu: 1 - 5, hyv, hyl

Opintokohteen kielet: suomi

Laajuus:

7 ECTS

Opetuskieli:

English/Finnish

Ajoitus:

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

Osaamistavoitteet:

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

Sisältö:

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

Järjestämistapa:

Face-to-face and online

Toteutustavat:

Face-to-face / online 32 h

Collaborative and individual learning 150 h

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.

Kohderyhmä:

1st year students on the LET Master's Programme
 Educational Technology minor students
 Other students

Oppimateriaali:

Contemporary readings in the field of technology-enhanced learning, to be announced at the beginning of the course

Suoritustavat ja arviointikriteerit:

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

Lue lisää [opintosuoritusten arvostelusta](#) yliopiston verkkosivulta.

Arviointiasteikko:

0-5

Vastuuhenkilö:

Essi Vuopala

Lisätiedot:

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"

418019P: Johdatus oppimiseen ja koulutusteknologiaan, 5 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Perusopinnot

Laji: Opintojakso

Vastuuyksikkö: Kasvatustieteiden tiedekunta

Arvostelu: 1 - 5, hyv, hyl

Opintokohteen kielet: suomi

Laajuus:

5 ECTS

Opetuskieli:

English/Finnish

Ajoitus:

Autumn 2013

Osaamistavoitteet:

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 pedagogical usability of those
- create a digital portfolio in the form of a personal journal in a weblog

Sisältö:

- 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

Järjestämistapa:

Face-to-face and online

Toteutustavat:

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 globalized world. One central goal of this course is to learn to use and evaluate technologies in pedagogically meaningful way. In this course students start to reflect on their own learning and expertise in a digital portfolio.

Kohderyhmä:

1st year students on the LET Master's Programme
 Educational Technology minor students
 Other students (as a part of their optional studies)

Oppimateriaali:

- 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.

Suoritustavat ja arviointikriteerit:

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

Lue lisää [opintosuoritusten arvostelusta](#) yliopiston verkkosivulta.

Arviointiasteikko:

0-5

Vastuuhenkilö:

Essi Vuopala

418022P: Koulutusprojektit, 6 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Perusopinnot

Laji: Opintojakso

Vastuuyksikkö: Kasvatustieteiden tiedekunta

Arvostelu: 1 - 5, hyv, hyl

Opintokohteen kielet: suomi

Laajuus:

6 ECTS

Opetuskieli:

English/Finnish

Ajoitus:

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

Osaamistavoitteet:

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

Sisältö:

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

Järjestämistapa:

Face-to-face and online

Toteutustavat:

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.

Kohderyhmä:

1st year students on the LET Master's Programme

Educational Technology minor students

Other students (see the prerequisites below)

Esitietovaatimukset:

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*

Oppimateriaali:

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

Suoritustavat ja arviointikriteerit:

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

Lue lisää [opintosuoritusten arvostelusta](#) yliopiston verkkosivulta.

Arviointiasteikko:

0-5

Vastuuhenkilö:

Essi Vuopala

418020P: Oppimisen teoria ja teknologian opetuskäyttö, 7 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Perusopinnot

Laji: Opintojakso

Vastuuyksikkö: Kasvatustieteiden tiedekunta

Arvostelu: 1 - 5, hyv, hyl

Opintokohteen kielet: suomi

Laajuus:

7 ECTS

Opetuskieli:

English/Finnish

Ajoitus:

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

Osaamistavoitteet:

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

Sisältö:

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

Järjestämistapa:

Face-to-face and online

Toteutustavat:

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.

Kohderyhmä:

1st year students on the LET Master's Programme

Educational Technology minor students

Other students (as a part of their optional studies)

Oppimateriaali:

- 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.

Suoritustavat ja arviointikriteerit:

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

Lue lisää [opintosuoritusten arvostelusta](#) yliopiston verkkosivulta.

Arviointiasteikko:

0-5

Vastuuhenkilö:

Essi Vuopala

413312S: Collaborative Learning, 5 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Syventävät opinnot

Laji: Opintojakso

Vastuuyksikkö: Kasvatustieteiden tiedekunta

Arvostelu: 1 - 5, hyv, hyl

Opintokohteen kielet: englanti

Laajuus:

8 ECTS

Opetuskieli:

English

Ajoitus:

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

Osaamistavoitteet:

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

Sisältö:

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

Järjestämistapa:

Face-to-face and online

Toteutustavat:

Face-to-face 20 h

Individual online learning 58 h

Collaborative online learning 130 h

Kohderyhmä:

2nd year students in the LET Master's Programme

Yhteydet muihin opintojaksoihin:

Communication and Orientation Studies (405517Y)

Introduction to Learning and Educational Technology (418019P)

Learning Theory and Pedagogical Use of Technology (418020P)

Oppimateriaali:

To be announced at the beginning of the course

Suoritustavat ja arviointikriteerit:

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

Lue lisää [opintosuoritusten arvostelusta](#) yliopiston verkkosivulta.

Arviointiasteikko:

0-5

Vastuuhenkilö:

Essi Vuopala

Työelämäyhteistyö:

No

413314S: Designing Technology-Enhanced Learning, 5 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Syventävät opinnot

Laji: Opintojakso

Vastuuyksikkö: Kasvatustieteiden tiedekunta

Arvostelu: 1 - 5, hyv, hyl

Opintokohteen kielet: englanti

Laajuus:

5 ECTS

Opetuskieli:

English

Ajoitus:

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

Osaamistavoitteet:

After completion of the course, the students will be able to

- recognise the needs, problems, situations and practices of pedagogical use of technologies in school systems worldwide and find research-based solutions for the shortcomings
- examine future trends of technology enhanced learning
- determine current problems, situations and practices of technology enhanced learning in a global context
- analyse the concept of technology-enhanced learning

Sisältö:

- Future trends in collaborative technologies
- Evaluating and facilitating TEL
- Digital divide and other global challenges

Järjestämistapa:

Face-to-face and online learning activities, which include individual and collaborative learning

Toteutustavat:

Face-to-face 30 h and collaborative and individual learning tasks 100 h

Kohderyhmä:

2nd year students in the LET Master's Programme

Esitietovaatimukset:

Before joining this course, the student should have completed Minor Studies of Educational Technology (25 credits) or other equivalent studies.

Oppimateriaali:

Luckin, R., Goodyear, P., Grabowski B. L., Winters, N., Underwood, J. and Puntambekar, S. (Eds.) (2013). Handbook of design in educational technology. Routledge.

Suoritustavat ja arviointikriteerit:

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

Lue lisää [opintosuoritusten arvostelusta](#) yliopiston verkkosivulta.

Arviointiasteikko:

0-5

Vastuuhenkilö:

Jari Laru

413311S: Itsesäätöinen oppiminen, 8 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Syventävät opinnot

Laji: Opintojakso

Vastuuyksikkö: Kasvatustieteiden tiedekunta

Arvostelu: 1 - 5, hyv, hyl

Opintokohteen kielet: suomi

Laajuus:

8 ECTS

Opetuskieli:

English

Ajoitus:

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

Osaamistavoitteet:

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

Sisältö:

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

Järjestämistapa:

Face-to-face, individual and collaborative learning

Toteutustavat:

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

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

Kohderyhmä:

1st year students in the LET Master's Programme

Oppimateriaali:

- 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 .

Suoritustavat ja arviointikriteerit:

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

Lue lisää [opintosuoritusten arvostelusta](#) yliopiston verkkosivulta.

Arviointiasteikko:

0-5

Vastuuhenkilö:

Sanna Järvelä

Työelämäyhteistyö:

no

413317S: Kirjallisuus, 4 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Syventävät opinnot

Laji: Opintojakso

Vastuuyksikkö: Kasvatustieteiden tiedekunta

Arvostelu: 1 - 5, hyv, hyl

Opintokohteen kielet: englanti

Ei opintojaksokuvauksia.

413313S: Learning of Expertise, 10 op

Voimassaolo: 01.02.2011 -

Opiskelumuoto: Syventävät opinnot

Laji: Opintojakso

Vastuuyksikkö: Kasvatustieteiden tiedekunta

Arvostelu: 1 - 5, hyv, hyl

Opintokohteen kielet: englanti

Ei opintojaksokuvauksia.

408013S: Pro gradu -tutkielma, 35 - 40 op

Voimassaolo: 01.08.2005 - 31.07.2016

Opiskelumuoto: Syventävät opinnot

Laji: Opintojakso

Vastuuyksikkö: Kasvatustieteiden tiedekunta

Arvostelu: 1 - 5, hyv, hyl

Opintokohteen kielet: suomi

Laajuus:

35 op

Opetuskieli:

Suomi tai englanti

Ajoitus:

Maisterivaihe

Osaamistavoitteet:

Opiskelija

- osaa laatia yksin tai parityönä kasvatustieteellisen tutkielman, joka osoittaa perehtyneisyyttä tutkielman aihepiiriin sekä osoittaa valmiutta tieteelliseen ajatteluun,
- hallitsee valitsemansa tutkimusmenetelmät sekä osoittaa valmiutta tieteelliseen viestintään,
- osaa arvioida toisten tekemiä tutkielmia sekä osaa osallistua tieteelliseen keskusteluun ja puolustaa omaa tutkielmaansa

Sisältö:

Opintojaksoon kuuluu seuraavia osa-alueita:

- tutkimussuunnitelman ja -raportin esittäminen
- tutkimuskirjallisuuden hankkiminen ja lukeminen
- tutkimusmetodeihin perehtyminen
- tutkielman laatiminen jostakin kasvatustieteellisestä aiheesta
- aktiivinen osallistuminen seminaariin.

Järjestämistapa:

Lähiopetus

Toteutustavat:

Seminaarityöskentely: seminaari-istuntoja 40 t, oman tutkimussuunnitelman ja tutkielman esitleminen, toisen tutkielman opponointi, omatoiminen tutkielman kirjoittaminen

Kohderyhmä:

Kasvatustieteiden tiedekunnan opiskelijat

Esitietovaatimukset:

Kandidaatintutkielma

Yhteydet muihin opintojaksoihin:

Kvantitatiivisen/kvalitatiivisen tutkimuksen jatkokurssi

Opintojakso on osa pääaineen syventäviä opintoja.

Oppimateriaali:

Tutkimus- ja metodikirjallisuus; referee-julkaisut.

Suoritustavat ja arviointikriteerit:

Seminaarityöskentelyyn osallistuminen, oman tutkielman kirjoittaminen ja esitleminen seminaarissa, toisen työn opponointi ja kypsyysnäytteen (tutkielman tiivistelmä) kirjoittaminen

Lue lisää [opintosuoritusten arvostelusta](#) yliopiston verkkosivulta.

Arviointiasteikko:

0 - 5

Vastuuhenkilö:

Hannu Heikkinen ja seminaariryhmien vetäjät

Työelämäyhteistyö:

Ei ole

Lisätiedot:

Ajankohtaiset kandi- ja graduryhmät löydät tiedekunnan internetsivuilla www.oulu.fi/ktk/opinnaytetyot . Sivut päivitetään syksyisin lukuvuoden alussa.

Graduryhmiin ilmoittaudutaan koodilla 408013S-02 Seminaari.

Pakollisuus

408013S-01: Tutkielma, 30 op

Voimassaolo: 01.08.2005 - 31.07.2016

Opiskelumuoto: Syventävät opinnot

Laji: Lopputyö

Vastuuyksikkö: Kasvatustieteiden tiedekunta

Arvostelu: 1 - 5, hyv, hyl

Opintokohteen kielet: suomi

Suoritustavat ja arviointikriteerit:

Lue lisää [opintosuoritusten arvostelusta](#) yliopiston verkkosivulta.

408013S-02: Seminaari, 5 op

Voimassaolo: 01.08.2005 - 31.07.2016

Opiskelumuoto: Syventävät opinnot

Laji: Oj-osa

Vastuuyksikkö: Kasvatustieteiden tiedekunta

Arvostelu: 1 - 5, hyv, hyl

Opintokohteen kielet: suomi

408013S-03: Tiivistelmä / Kypsyysnäyte, 0 op

Voimassaolo: 01.08.2013 - 31.07.2016

Opiskelumuoto: Syventävät opinnot

Laji: Oj-osa

Vastuuyksikkö: Kasvatustieteiden tiedekunta

Arvostelu: 1 - 5, hyv, hyl

Opintokohteen kielet: suomi

Suoritustavat ja arviointikriteerit:

Lue lisää [opintosuoritusten arvostelusta](#) yliopiston verkkosivulta.

408517S: Research methodology, 10 op

Voimassaolo: 01.08.2006 -

Opiskelumuoto: Syventävät opinnot

Laji: Opintojakso

Vastuuyksikkö: Kasvatustieteiden tiedekunta

Arvostelu: 1 - 5, hyv, hyl

Opintokohteen kielet: englanti

Laajuus:

10 op

Opetuskieli:

English

Ajoitus:

EDGLO: 1st year, autumn and spring

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

LET: 1st year, autumn and spring

Osaamistavoitteet:

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

Sisältö:

- 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

Järjestämistapa:

Face-to-face teaching

Toteutustavat:

80 h lectures/ seminars, 190 h independent study

Kohderyhmä:

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)

Esitietovaatimukset:

No

Yhteydet muihin opintojaksoihin:

EdGlo: 1st and 2nd year courses: 408512S, 408513S, 408514S, 40528S, 408515S, 408516S, and 408510S

Oppimateriaali: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](#).**Suoritustavat ja arviointikriteerit:**

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

Lue lisää [opintosuoritusten arvostelusta](#) yliopiston verkkosivulta.**Arviointiasteikko:**

0 - 5

Vastuuhenkilö:

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

Qualitative Methodology: Mervi Kaukko (Master's Degree Programme in Education and Globalisation & Double Degree Programme), Pirkko Hyvönen (Master's Degree Programme in Learning, Education and Technology)

Työelämäyhteistyö:

No

Lisätiedot:

No