

Opasraportti

Early Childhood Education (2013 - 2014)

Degree Programme in Early Childhood Education

The basis for the degree programme in early childhood education is provided by the various tasks of early childhood education. This variety covers the following areas, among others: early childhood education training and planning, early childhood research and transmission of knowledge on early childhood education, as well as direction and management of early childhood education organisations.

The degree programme is a comprehensive pedagogical programme that aims at fostering the welfare of children and families in various educational, teaching and experts tasks in early childhood education and children's culture.

The students in the degree programme first complete a 180 ECTS credit Bachelor's degree followed by a 120 ECTS credit degree of Master of Arts (Education) degree. The education also qualifies them as kindergarten teachers.

Tutkintorakenteet

Early Childhood Education, Master's Degree

Tutkintorakenteen tila: archived

Lukuvuosi: 2013-14

Lukuvuoden alkamispäivämäärä: 01.08.2013

Advanced Studies in Education, Especially Early Childhoods Education (vähintään 70 op)

A251506: Early Childhood Education, Advanced Studies (Oulu), 80 op

e1

443189S: Early childhood education in local and global environments, 5 op

443190S: Interaction in educational communities, 5 op

443191S: Professional ethics, 5 op

443187S: Expertise in early childhood education, 8 op

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

Compulsory

408013S-01: Maturity Test, 30 op

408013S-02: Thesis, 5 op

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

Advanced research course

413030S: Advanced course in quantitative research, 5 op

Compulsory

413030S-01: Advanced course in quantitative research, lectures and literature, 2 op

413030S-02: Advanced course in quantitative research, exercises, 3 op

413031S: Advanced course in qualitative research, 5 op

Compulsory

413031S-01: Advanced course in qualitative research, lectures and literature, 2 op

413031S-02: Advanced course in qualitative research, exercises, 3 op

Optional course (a or b)

443192S: Leadership, working communities and organizations, 7 op

Compulsory

443192S-01: Orientation to leadership, 4 op

443192S-02: Leadership and developmental work in changing contexts of early childhood education, 3 op

443193S: Guidance and support for adult learning, 7 op

Compulsory

443193S-01: Adult education, 4 op

443193S-02: Education planning and project work, 3 op

Minor Studies (vähintään 25 op)

You can choose minor studies freely from among those offered by the University of Oulu.

Choose at least one (25 credits) minor subject to be included in the Bachelor's degree.

Optional Studies (25 ECTS cr) (vähintään 25 op)

The student can choose any higher education -level courses.

The Early Childhood Education programme offers following free-choice studies in the academic year 2013-2014.

408019S Basics of educational administration, 2 ECTS cr

442184A Early Learning and Education in Multicultural Contexts 7-13 ECTS cr

For more information about optional courses at the Faculty of Education, see www.oulu.fi/ktk/kasope/english/studies.

Attention!! If you want to achieve a pedagogical qualification as a teacher, you must choose Basics of Educational Administration, 2 credits (408019S) as one of your optional courses.

A200090: Other Studies, 0 - 25 op

Electives

900071Y: Scientific Communication II, 2 op

410018Y: Professional growth, 3 op

405021Y: Knowledge Work as a Pedagogical Challenge, 3 op

410015Y: Philosophy of science, 3 op

404012A: Crazy about Felting, 2 op

404009S: Pedagogical Challenges of Knowledge Work, 4 op

407033A: Science Culture and Technology, 2 op

408019S: Basics of educational administration, 2 op

404008S: Robotics Applications, 4 op

406037A: Optional Studies in Art and Practical Education, 2 - 6 op

410050Y: Educational research and information seeking systems I, 1 op

410051Y: Educational research and information seeking systems II, 1 op

407050A: Open Textbook Project, mathematics, 3 op

392356S: National culture and globalisation, 5 op

Teachers' pedagogical studies in early childhood education (vähintään 60 op)

An Early Childhood Education student can include the teachers's pedagogical studies in his/her degree. With the exception of the Basics of Educational Administration (408019S), all the other studies required by pedagogical qualification as a teacher are included in the Education, Especially Early Childhood Education degree.

Teacher's pedagogical studies (35 credits) included in the Bachelor's degree:

- A 251504 Early Childhood Education, Basic Studies 25 ECTS cr
- 442487A Pedagogical applications and analysis 3 ECTS cr
- 442422A Pedagogical practise II 7 ECTS cr

Teacher's pedagogical studies (25 credits) included in the Master's degree:

- 443189S Early childhood education in local and global environments 5 ECTS cr
- 443190S Interaction in educational communities 5 ECTS cr
- 443191S Professional ethics 5 ECTS cr
- 443187S Advanced professional practice 8 ECTS cr
- 408019S Basics of educational administration, 2 ECTS cr (to be studied as a free-choice course)

Early Childhood Education, Bachelor's Degree

Tutkintorakenteen tila: archived

Lukuvuosi: 2013-14

Lukuvuoden alkamispäivämäärä: 01.08.2013

Orientation Studies (6 ECTS cr) (vähintään 6 op)

A200032: Orientation Studies, 6 op

Orientation studies consists following mandatory courses

405023Y: Orientation to studies, 1 op

410014Y: Information and communication as a pedagogical tool, 3 op

410017Y: Digital Media in Teaching and Learning, 2 op

Language and Communication Studies (9 ECTS cr) (vähintään 9 op)

A200031: Language and Communication Studies, 10 op

e1

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

902130Y: Foreign Language (English), 3 op

Compulsory

902130Y-01: Foreign Language (English) part 1, 1,5 op

902130Y-02: Foreign Language (English) part 2, 1,5 op

900070Y: Scientific Communication I, 2 op

900075Y: Speech Communication, 2 op

Basic studies, education (vähintään 25 op)

Early childhood education students select courses Research areas and basics of early childhood education and orientating practice in daycare center.

A250504: Education, Basic Studies (Oulu), 25 op

Compulsory

410067P: Basic course in education, 4 op

410069P: Educational psychology, 4 op

410070P: Sociology of education, 4 op

410071P: Educational philosophy, 4 op

410068P: Didactics, 4 op

410072P: Pedagogical Research Seminar, 5 op

Alternative

410072P-01: Research areas and basics of early childhood education, 3 op

- 410072P-02: Orientating Practice in a day care center, 2 op
- 410072P-03: Orientation to Work at School, 2 op
- 410072P-04: Pedagogical Seminar I: Knowing the Pupils and Interaction, 3 op
- 410072P-05: Pedagogical Seminar in Technology Education I, 3 op
- 410072P-06: Research Seminar, Education, 5 op

Intermediate Studies in Education, Especially Early Childhood Education (vähintään 50 op)

A251505: Early Childhood Education, Intermediate Studies (Oulu), 40 - 45 op

e1

- 442186A: Children's rights and basics of child welfare, 3 op
- 442187A: Pedagogical applications and analysis, 3 op
- 442166A: Collaboration in early childhood education, 3 op
- 442188A: Early childhood teacher as a pedagogical expert, 2 op
- 407040A: Basic Course in Quantitative Research, 5 op
 - Compulsory*
 - 407040A-01: Basis of research, 2 op
 - 407040A-02: Statistical analysis, lecture, 2 op
 - 407040A-03: Exercises, 1 op
- 407041A: Basic Course in Qualitative Research, 5 op
 - Compulsory*
 - 407041A-01: Basic course in qualitative research, lecture, 2 op
 - 407041A-02: Basic course in qualitative research, exercises, 3 op
- 442164A: Bachelor's thesis, 10 op
 - Compulsory*
 - 442164A-01: Bachelor's thesis, 8 op
 - 442164A-02: Seminar, 2 op
 - 442164A-03: Maturity Test, 0 op
- 442165A: Literature, 4 op
 - Alternative*
 - 442165A-03: Pedagogical Trends in Early Childhood Education, 4 op
 - 442165A-04: Child Studies, 4 op
 - 442165A-05: Family Studies, 4 op
 - 442165A-06: Education through art and culture, 4 op
- 442180A: Developmental psychology, 3 op
- 442182A: Multiculturalism in early childhood education, 3 op
- 442181A: Special education in early years, 4 op

Professional Studies in Early Childhood Education (vähintään 60 op)

A256902: Professional Studies in Early Childhood Education, 65 - 75 op

e1

- 442401A: Pedagogy of children under 3 years, 3 op
- 442402A: Children's development and learning processes, 2 op
- 442403A: Preprimary education and transition to school, 2 op
- 442404A: Practical training in primary education, 2 op
- 442405A: Word Art and Drama I, 3 op
- 442406A: Word Art and Drama II, 2 op
- 442407A: Language and Communication, 3 op
- 442408A: Music Education I, 2 op
- 442409A: Music Education II, 3 op
- 442410A: Play: Piano or Guitar, 2 op
- 442411A: Physical education I, 3 op
- 442412A: Physical education II, 2 op
- 442413A: Art Education I, 3 op
- 442414A: Visual Arts and art education II, 2 op
- 442415A: Handicrafts I, 2 op
- 442416A: Handicrafts II, 2 op
- 442417A: Handicrafts III, 1 op
- 442418A: Environmental education, 2 op
- 442419A: Mathematics and Science Education, 3 op
- 442420A: Ethics and religious education, 2 op

442421A: Pedagogical practise I, 7 op
 442422A: Pedagogical practise II, 7 op

Minor studies (vähintään 25 op)

You can choose minor studies freely from among those offered by the University of Oulu.

Choose at least one (25 credits) minor subject to be included in your Bachelor's degree.

Optional Studies 10 ECTS cr (vähintään 10 op)

The student can choose any higher education -level courses.

A200090: Other Studies, 0 - 25 op

Electives

900071Y: Scientific Communication II, 2 op
 410018Y: Professional growth, 3 op
 405021Y: Knowledge Work as a Pedagogical Challenge, 3 op
 410015Y: Philosophy of science, 3 op
 404012A: Crazy about Felting, 2 op
 404009S: Pedagogical Challenges of Knowledge Work, 4 op
 407033A: Science Culture and Technology, 2 op
 408019S: Basics of educational administration, 2 op
 404008S: Robotics Applications, 4 op
 406037A: Optional Studies in Art and Practical Education, 2 - 6 op
 410050Y: Educational research and information seeking systems I, 1 op
 410051Y: Educational research and information seeking systems II, 1 op
 407050A: Open Textbook Project, mathematics, 3 op
 392356S: National culture and globalisation, 5 op

Opintojaksojen kuvaukset

Tutkintorakenteisiin kuuluvien opintokohteiden kuvaukset

A251506: Early Childhood Education, Advanced Studies (Oulu), 80 op

Opiskelumuoto: Advanced Studies

Laji: Study module

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

80 credits

Language of instruction:

Finnish

Timing:

4th and 5th year

Learning outcomes:

Upon completion of the advanced studies in education, the student knows how to evaluate critically the foundations of and approaches to educational research. S/he knows how to apply scientific data acquisition methods to the research of early childhood education and its processes. S/he has a theoretically justified view of his/her expertise and a readiness to function in expert positions in different organisations of early childhood education.

Contents:

413005S Research Methods II, 10 credits

1. Advanced Course in Quantitative Research, 5 credits

413005S-01 Lectures, 3 credits

413005S-02 Exercises, 2 credits

2. Advanced Course in Qualitative Research, 5 credits

413005S-03 Lectures, 2 credits

413005S-04 Exercises, 3 credits

443185S Current Research Discussion and Literature, 12 credits

443185S-01 Literature, 6 credits

443185S-02 Researcher's Scientific Communications, 6 credits

443186S Research Studies/Master's Thesis, 40 credits

443187S Advanced Practice in Early Childhood Education, 10 credits

443188S Development and quality in Early Childhood Education, 8 credits

Mode of delivery:

Blended teaching: 443185S Current Research Discussion and Literature, Researcher's Scientific Communication, 6 credits

Face-to-face teaching: Other courses in the study module

Learning activities and teaching methods:

Teaching methods vary course by course.

Target group:

Early Childhood Education students on the Master's level

Prerequisites and co-requisites:

Basic (25cr) and Intermediate (40cr) Studies in Education, especially Early Childhood Education

Recommended optional programme components:

The above courses constitute the module of Advanced Studies in Early Childhood Education

Recommended or required reading:

To be agreed on course by course

Assessment methods and criteria:

Vary by course

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

Grading:

Vary by course

Person responsible:

Riitta-Liisa Korkeamäki

Working life cooperation:

443187S Advanced practice in early childhood education, 10 credits

e1

443189S: Early childhood education in local and global environments, 5 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Timing:

4th (autumn)

Learning outcomes:

Students are able to:

- analyze local, national and international programmes and politics of early childhood education
- evaluate critically programmes and pedagogy focusing on human rights, equality, justice, multiculturalism and sustainable development
- work with cultural sensitivity in diverse environments and interaction

Contents:

- Equality, justice, multiculturalism and interculturalism in early childhood education
- Critical and post-structural research and pedagogy in early childhood education
- Programmes in early childhood education and challenges in different countries, EU and globally
- Global citizenship and place-based education

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

- Lectures 24 hours
- Independent work 100 hours

Target group:

Students of early childhood education

Prerequisites and co-requisites:

Basic and intermediate studies of education

Recommended optional programme components:

None

Recommended or required reading:

Einarsdottir, J. & Wagner, J. T. (eds.) 2006. Nordic Childhoods and Early Education. Philosophy, Research, Policy, and Practice in Denmark, Finland, Iceland, Norway, and Sweden. Greenwich, Connecticut: Information Age Publishing.

Dahlberg, G. & Moss p. (2005) Ethics and politics in early childhood education. London, Routledge Falmer.

Assessment methods and criteria:

- Active participation in lectures and working in small groups
- Completion of exercises

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

Grading:

0-5

Person responsible:

Taina Kyrönlampi

Working life cooperation:

None

Other information:

None

443190S: Interaction in educational communities, 5 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Timing:

4th (autumn)

Learning outcomes:

- Student knows approaches of interaction research (multimodal analysis, conversation analysis, frame analysis, narrative approach)
- Student is able to analyze various interactional situations in educational communities
- Student is able to act in constructive ways in challenging interactional situations

Contents:

- Approaches of interaction research
- Interaction between different educational Community members (children, parents, workers, other professionals)
- Challenges and solving problems in interaction

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

- Lectures 24 hours
- Independent work 100 hours

Target group:

Students of early childhood education

Prerequisites and co-requisites:

Basic and intermediate studies of education

Recommended optional programme components:

None

Recommended or required reading:

- Viljamaa, E. (2012). Lasten tiedon äärellä. Äidin ja lasten kerronnallisia kohtaamisia kotona. Oulu: Oulun yliopisto
- Haddington, P. Kääntä, L. (toim.). (2011) Kieli, keho ja vuorovaikutus. Multimodaalinen näkökulma sosiaaliseen toimintaan.
- Puroila, A-M. (2010) Vuorovaikutuksen lukutaito. Teoksessa J. Hurtig, M. Laitinen & Uljas-Rautio, K. (toim.) Ajattele itse! Tutkimuksellisen lukutaidon perusteet.

Assessment methods and criteria:

- Active participation in lectures and working in small groups
- Observation and analysis of interaction in the child research center and LeaForum
- Completion of exercises

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

Grading:

pass / fail

Person responsible:

Satu Karjalainen, Saara-Leena Kaunisto

Working life cooperation:

None

Other information:

None

443191S: Professional ethics, 5 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Timing:

4th (spring)

Learning outcomes:

Students are able to:

- analyse and validate their practices in the frame of professional duties and ethics
- are able to evaluate and influence on the social status of early childhood education
- recognize aspects related to wellbeing and coping at work and have readiness to support wellbeing and coping of the work community

Contents:

- Formal duties of related to professional ethics
- Relational ethics as a basic framework of professional ethics
- Ethical sensitivity
- Commitment and coping at work
- Peer groups as support at work
- Moral dilemmas and professional ethics

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

- Lectures 24 hours
- Independent work 100 hours

Target group:

Students of early childhood education

Prerequisites and co-requisites:

Basic and intermediate studies of education

Recommended optional programme components:

None

Recommended or required reading:

- Goouch, K. 2010. Towards Excellence in Early Years Education. Exploring Narratives of Experience. London: Routledge.
- other learning material according to the joint agreement

Assessment methods and criteria:

- Active participation in lectures and working in small groups
- Leaf-forum will be used for peer group activities
- Completion of exercises

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

Grading:

0-5

Person responsible:

Eila Estola

Working life cooperation:

None

Other information:

None

443187S: Expertise in early childhood education, 8 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Advanced Studies

Laji: Practical training

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

10 ECTS cr

Language of instruction:

Finnish

Timing:

5th year

Learning outcomes:

- Students widen and deepen their professional expertise in early childhood education
- Students know the theoretical principles of chosen professional area and are able to apply and evaluate them professionally

Contents:

- Professional applications of early childhood in different organisations of education, adult education and social services
- The practice can be taken for instance in the organisations of education, administration or planning, in developmental projects, in Nongovernmental Organisations in Finland or abroad
- Orientation with the theoretical principles and practical implementations of the organization in the question

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Early childhood education, advanced practice, practice period 190h

Early childhood education, advanced practice, group supervisions in pedagogy 8 h

Independent work 16 h.

Target group:

Early childhood education students

Prerequisites and co-requisites:

Pedagogical Practice I and II, and the major subject studies, as well as part of the advanced studies carried out

Recommended optional programme components:

None

Recommended or required reading:

literature according to the joint agreement

Assessment methods and criteria:

The successful completion of practice, the presentation of the aims and report of the practice and active participation in the group supervision

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

Grading:

pass/fail

Person responsible:

Valppu-Paaso Hennariikka, Leena Poikela

Working life cooperation:

advanced professional practice (8 ECTS cr)

Other information:

None

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 www oulu fi/ktk/opinnaytetyot . 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: Thesis, 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.

Advanced research course

413030S: Advanced course in quantitative research, 5 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opettajat: Peltonen, Jouni Aslak

Opintokohteen kielet: Finnish

Leikkaavuudet:

408517S-01 Quantitative Methodology 5.0 op

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

Having completed the course, the student

- knows how to analyse and interpret typical educational and psychological research data
- knows how to assess the credibility, reliability and ethicality of her/his own research and research done by others

Contents:

Course is divided into two parts:

413030S-01 Lectures, 2 credits

413030S-02 Exercises, 3 credits

- statistical testing
- classic multivariate methods
- modelling by means of linear structural equations
- publishing the results of statistical methods of analysis in a research report

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 20 h, small group sessions 16 h

Target group:

Students pursuing Advanced Studies in the Faculty of Education

Prerequisites and co-requisites:

Basic course in quantitative research 5 cr.

Recommended optional programme components:

Master's Thesis

Recommended or required reading:

Metsämuuronen, J. (2003) Tutkimuksen tekemisen perusteet ihmistieteissä (sivut 273-764)

OR

Kerlinger, F. & Lee, H. (2000) Foundations of behavioral research. Fourth edition.

Course material availability can be checked [here](#).

Assessment methods and criteria:

Lectures and exercises are studied as an entity by given assignments, active participation in small group sessions

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

Grading:

0 - 5

Person responsible:

Jouni Peltonen

Working life cooperation:

None

Compulsory

413030S-01: Advanced course in quantitative research, lectures and literature, 2 op

Voimassaolo: 01.08.2011 -

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.

413030S-02: Advanced course in quantitative research, exercises, 3 op

Voimassaolo: 01.08.2011 -

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.

413031S: Advanced course in qualitative research, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opettajat: Anu Alanko

Opintokohteen kielet: Finnish

Leikkaavuudet:

408517S-02 Qualitative Methodology 5.0 op

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

Having completed the course, the student

- knows how to analyse and interpret typical educational and psychological research data
- knows how to assess the credibility, reliability and ethicality of her/his own research and research done by others

Contents:

Course is divided into two parts:

413031S-01 Lectures, 2 credits

413031S-02 Exercises, 3 credits

- the meaning of different paradigms and research traditions in the planning and implementation of qualitative research
- different reading methods in the analysis and interpretation of qualitative research data, such as design-type and case studies and in ethnographic, narrative and discourse analytical research
- proving credibility in qualitative research
- research reporting in qualitative research
- ethical issues in qualitative research

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 20 h, small group sessions 16 h

Target group:

Students pursuing Advanced Studies in Education/ Music Education

Prerequisites and co-requisites:

Basic course in qualitative research 5 cr.

Recommended optional programme components:

Master's Thesis

Recommended or required reading:

Heikkinen, H. L. T., Rovio, E. & Syrjälä, L. (toim.) (2007) Toiminnasta tietoon. Toimintatutkimuksen menetelmät ja lähestymistavat.

OR

Lappalainen, S. Hynninen, P. Kankkunen, T. Lahelma, E. & Tolonen. T. (2007) Etnografia metodologiana. Lähtökohtana koulutuksen tutkimus.

OR

Lichtman, M. (2012) Qualitative Research in Education. A User's Guide.

OR

Creswell, J. W. (ed.) (2006) Qualitative Inquiry and Research Design: Choosing Among Five Approaches (revised edition)

Course material availability can be checked [here](#).

Assessment methods and criteria:

Exam, active participation in small group sessions, an essay

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

Grading:

0 - 5

Person responsible:

Raimo Kaasila

Working life cooperation:

No

*Compulsory***413031S-01: Advanced course in qualitative research, lectures and literature, 2 op**

Voimassaolo: 01.08.2011 -

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.

413031S-02: Advanced course in qualitative research, exercises, 3 op

Voimassaolo: 01.08.2011 -

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.

Optional course (a or b)

443192S: Leadership, working communities and organizations, 7 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

7 ECTS cr

Language of instruction:

Finnish

Timing:

5th year (autumn)

Learning outcomes:

- Student knows basic concepts and theories concerning leadership, working communities and organizations and is able to apply them in early childhood education contexts
- Student is able to analyze tasks related with leadership (administration, staff leadership, pedagogical leadership, quality management, change leadership)
- Student has abilities to work as a leader in early childhood education

Contents:

- Orientation to leadership
- Economy and administration as part of leader's work
- Leadership and developmental work in changing contexts of early childhood education
- Director's self reflection

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

- Lectures and working in small groups 40 hours
- Independent work 140 hours

Target group:

Students of early childhood education

Prerequisites and co-requisites:

Education basic and intermediate studies and advanced studies required

Recommended optional programme components:

Leadership, working communities and organizations

Consists of 2 parts:

- 443192S-01 Orientation to leadership 4 ECTS cr
- 443192S-02 Leadership and developmental work in changing contexts of early childhood education 3 ECTS cr

Recommended or required reading:

- Clegg, S., Kornberger, M. & Pitsis, T. (2008). Managing and organizations. An introduction to theory and practice. Sage, London.
- Halttunen, L. (2009) Päivähoitotyö ja johtajuus hajautetussa organisaatiossa.
- Perttula, J. & Syväjärvi, A. (toim.) (2012) Johtamisen psykologia. Ihmisten johtaminen muuttuvassa työelämässä. Jyväskylä: PS-kustannus.
- Scientific articles (appointed in the beginning of the course)

Assessment methods and criteria:

- Active participation in lectures and working in small groups
- Completion of exercises
- Exam
- Learning diary

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

Grading:

0-5

Person responsible:

Estola Eila

Working life cooperation:

None

Other information:

None

*Compulsory***443192S-01: Orientation to leadership, 4 op**

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Advanced Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

4 ECTS cr

Language of instruction:

Finnish

Timing:

5th year (autumn)

Learning outcomes:

- Student is familiar with basic concepts and theories related with leadership
- Student is able to analyze director's task fields
- Student knows the field of leadership in early childhood education in practice

Contents:

- Basic concepts and theories related with leadership
- Economy and administration as part of director's work
- Familiarization with diverse models and tasks of leadership in early childhood education

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

- Lectures and working in small groups 28 hours
- Independent work 80 hours

Target group:

Students of early childhood education

Prerequisites and co-requisites:

Education basic and intermediate studies and advanced studies required

Recommended optional programme components:

Part of the course Leadership, working communities and organizations

Recommended or required reading:

- Clegg, S., Kornberger, M. & Pitsis, T. (2008). Managing and organizations. An introduction to theory and practice. Sage, London.
- Halttunen, L. (2009) Päivähoitotyö ja johtajuus hajautetussa organisaatiossa.

Assessment methods and criteria:

- Active participation in lectures and working in small groups
- Participation in excursions and guest lectures
- Completion of exercises
- Exam

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

Grading:

0-5

Person responsible:

Estola Eila

Working life cooperation:

None

Other information:

None

443192S-02: Leadership and developmental work in changing contexts of early childhood education, 3 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Advanced Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS cr

Language of instruction:

Finnish

Timing:

5th year (autumn)

Learning outcomes:

- Student comprehends the dynamics of leadership and organizations in changing environments of early childhood education
- Student is able to apply diverse methods of quality management and developmental work in leader's work

- Student is able to analyze and develop her/his own perception of leadership in early childhood education

Contents:

- Quality of early childhood education
- Change leadership and developmental work in early childhood education
- Pedagogical leadership
- Leader's self reflection

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

- Lectures and working in small groups 12 hours
- Independent work 60 hours

Target group:

Students of early childhood education

Prerequisites and co-requisites:

Education basic and intermediate studies and advanced studies required

Recommended optional programme components:

Part of the course Leadership, working communities and organizations

Recommended or required reading:

- Perttula, J. & Syväjärvi, A. (toim.) (2012) Johtamisen psykologia. Ihmisten johtaminen muuttuvassa työelämässä.
- Scientific articles (appointed in the beginning of the course)

Assessment methods and criteria:

- Active participation in lectures and working in small groups
- Completion of exercises
- Oppimispäiväkirja

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

Grading:

0-5

Person responsible:

Eila Estola

Working life cooperation:

None

Other information:

None

443193S: Guidance and support for adult learning, 7 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

7 ECTS cr

Language of instruction:

Finnish

Timing:

5th year (autumn)

Learning outcomes:

Students are able to

- describe theoretical approaches of adult learning
- to work in different tasks of adult education in organisations

Contents:

- principles of adult education
- education planning and project work

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

- Lectures and working in small groups 40 hours
- Independent work 140 hours

Target group:

Students of early childhood education

Prerequisites and co-requisites:

Education basic and intermediate studies and advanced studies required

Recommended optional programme components:

Adult education

Consists of 2 parts:

- 443193S -01 Adult education
- 443193S -02 Education planning and project work

Assessment methods and criteria:

- Active participation in lectures and working in small groups
- Completion of exercises

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

Grading:

0-5

Person responsible:

Eila Estola

Working life cooperation:

None

Other information:

None

*Compulsory***443193S-01: Adult education, 4 op**

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Advanced Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

4 ECTS cr

Language of instruction:

Finnish

Timing:

5th year (autumn)

Learning outcomes:

Students are able to

- describe theoretical principles of adults' learning
- apply principles of social learning and shared professionalism in diverse communities
- apply the dynamics of the groups at work
- teach, supervise and support learning and growth of adults in diverse communities
- to use applications of social media and ICT

Contents:

- Adult learning and supervision of learning
- Principles of the dynamics of the groups of adults
- Use of social media in supervision of adults
- Multiprofessional groups
- Co-operation with the parents and guardians

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

- Lectures and working in small groups 28 hours
- Independent work 80 hours

Target group:

Students of early childhood education

Prerequisites and co-requisites:

Education basic and intermediate studies and advanced studies required

Recommended optional programme components:

Part of the course of adult education

Recommended or required reading:

Heikkinen, H.L.T., Jokinen, H., Markkanen, I. & Tynjälä, P. 2012. Osaaminen jakoon. Vertaisryhmämentorointi opetuslalla. Jyväskylä: PS-Kustannus, (soveltuvin osin)

Assessment methods and criteria:

Active participation in lectures and working in small groups

Completion of exercises

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

Grading:

0-5

Person responsible:

Eila Estola

Working life cooperation:

None

Other information:

None

443193S-02: Education planning and project work, 3 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Advanced Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS cr

Language of instruction:

Finnish

Timing:

5th year (autumn)

Learning outcomes:

Students are able to

- apply the principles of education planning and project work in diverse positions of expertise
- evaluate critically the practices and quality of training periods and projects

Contents:

- Planning and implementation of different kinds of education
- Phases of the projects and professionalism of the project workers
- Quality assurance systems and quality assessment in adult education

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

- Lectures and working in small groups 12 hours
- Independent work 60 hours

Target group:

Students of early childhood education

Prerequisites and co-requisites:

Education basic and intermediate studies and advanced studies required

Recommended optional programme components:

Part of the course of adult education

Assessment methods and criteria:

Active participation in lectures and working in small groups

Completion of exercises

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

Grading:

0-5

Person responsible:

Estola Eila

Working life cooperation:

None

Other information:

None

A200090: Other Studies, 0 - 25 op

Opiskelumuoto: Other Studies

Laji: Study module

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

Ei opintojaksokuvauksia.

Electives

900071Y: Scientific Communication II, 2 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Language Centre

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay900071Y Scientific Communication II (OPEN UNI) 2.0 op

Proficiency level:

-

Status:

According to the old curriculum 2012 - 2013: This course unit is compulsory for all students undertaking a Master's degree in Subject Teacher Education, Primary Teacher Education, Technology Oriented Teacher Education, Creative Arts Oriented Teacher Education and Music Education. If a student of Education has included a Speech Communication course unit in his/her Bachelor's Degree, he/she must include this course unit in his/her Master's Degree.

According to the new curriculum 2013 - 2014: This course is optional.

Required proficiency level:

-

ECTS Credits:

2 ECTS credits

Language of instruction:

Finnish

Timing:

4th or 5th year of studies

Learning outcomes:

Upon completion of the course unit the student should have a more in-depth understanding of scientific communication, especially scientific writing. He/she should be able to produce scientific text fitting for an MA thesis. The student should also be able to analyse and interpret the special field-specific conventions of scientific writing.

Contents:

The distinctive features of an MA thesis as a form of scientific communication. Writing as a process. Analysis of texts written for various scientific purposes. Popularised scientific discourse.

Mode of delivery:

contact teaching

Learning activities and teaching methods:

Contact lessons and independent group work 16 h. Independent study ca. 34 h.

Target group:

Students of master's degree of the Faculty of Education

Prerequisites and co-requisites:

-

Recommended optional programme components:

-

Recommended or required reading:

the material in the Optima learning environment

Kinnunen, M. & Löytty, O. (2002). Tieteellinen kirjoittaminen. Tampere: Vastapaino.

Kniivilä, S., Lindblom-Yläne, S. & Mäntynen, A. (2007). Tiede ja teksti. Tehoa ja taitoa tutkielman kirjoittamiseen. Helsinki: WSOY.

Viskari, S. (2002). Tieteellisen kirjoittamisen perusteet. Opas kirjoittamiseen ja seminaarityöskentelyyn. Tampere: Tampereen Yliopistopaino Oy.

Assessment methods and criteria:

Active participation in teaching, independent study and completion of given assignments.

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

Grading:

pass / fail

Person responsible:

See the Languages and Communication webpages for contact teachers.

Working life cooperation:

-

Other information:

-

410018Y: Professional growth, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 cr

Language of instruction:

Finnish

Timing:

Masters level (autumn)

Learning outcomes:

The students

- identify their competence from the perspective of working life.
- construct their professional identity together with other students
- strengthen their self-knowledge
- learn about the teaching profession and obtain the tools that are necessary for coping in daily work life
- familiarize themselves with other professions in the field of education and with working life in general
- know how to find employment and are encouraged to enter working life.

Contents:

- self-knowledge and ways to support it
- identifying one's own skills
- opportunities in education and working life (thesis, minor subjects, jobs, etc.)
- the teaching profession
- transitional elements in working life (skills, employment, coping)
- building a professional identity

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Small-group work, seminars, visiting lecturers.

Target group:

Master-level primary teacher students (especially the broadly-based and creative arts groups), music education students and early childhood education students

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the Master-level language, communication and orientation studies, mutually optional with "Knowledge work as a pedagogical challenge" and "Philosophy of science".

Recommended or required reading:

To be announced at the start of the course

Assessment methods and criteria:

Active participation, completion of assignments

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

Grading:

Pass/fail

Person responsible:

Katja Holtinkoski (primary teacher education programmes)

Paula Loukkola (early childhood education programme)

Working life cooperation:

None

Other information:

The course is organised as allowed by resources.

405021Y: Knowledge Work as a Pedagogical Challenge, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

Students familiarize themselves with the pedagogical and technological challenges imposed by the knowledge society, and learn to understand the research-based pedagogical principles underlying the pedagogical use of ICT. Students enhance their capacity to function as teachers/educators in a technology-based environment in an information society based on knowledge work.

Contents:

- familiarization with the phenomena of information society and knowledge work
- the challenges of learning and teaching in the information society
- digital natives, social media, mobile learning, u-learning and other phenomena of the information society and their influence on teaching arrangements and learning as a whole
- social discussion on the theme and its connections with, for instance, curriculum work

Mode of delivery:

Three face-to-face meetings and work in a wiki environment

Learning activities and teaching methods:

Lectures 4h, web-based work 10h, seminar 6h, independent study.

- Lecture
- Group discussion after the lecture
- Independent work and writing a summary article based on literature
- Group discussion on the results of independent work
- Knowledge construction by the group in a wiki environment
- Presentation of wiki articles.

Target group:

Primary teacher students (apart from ITE-students), music education students, early childhood education students

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the Master-level language, communication and orientation studies, mutually optional with "Professional growth" and "Philosophy of science".

Content connected with the following courses:

- 410014Y Information and communication technology as a pedagogical tool
- 410017Y Multimedia as a learning projecti
- 410068P Didactics
- 407027A Guidance of learning, planning and assessment of teaching

Recommended or required reading:

- Literature (international peer-reviewed articles, Finnish peer-reviewed articles, book chapters, reports, presentations) divided into themes a) teaching, b) information society, c) knowledge work, available on the course wiki
- Lecture materials on the wiki and on SlideShare
- Abstract of the students' articles and their essays are stored on the wiki.

Assessment methods and criteria:

- Active participation in face-to-face meetings
- Summarising an article/articles as independent work
- Composition of a wiki article based on article summaries in a group

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

Grading:

Pass/fail

Person responsible:

Jari Laru

Working life cooperation:

None

Other information:

<https://wiki oulu.fi/display/ktkvtv/Etusivu>

410015Y: Philosophy of science, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 cr

Language of instruction:

Finnish

Timing:

Master's level

Learning outcomes:

After completion, the student

- will be knowledgeable of the core factions and traditions in the philosophy of science and scientific research
- understands the special nature of scientific work and the role of education as one of the sciences.

- is able to justify, philosophically, the different alternatives in scientific research.

Contents:

The following topics are covered:

- overview of the history of philosophy
- introduction to philosophical thought
- different classes in philosophical science

Mode of delivery:

Face-to-face or web-based teaching

Learning activities and teaching methods:

Note: Student in VAKA and MUKO complete this course online. See http://cc.oulu.fi/~epikkara/opetus/tf/jtf_1.htm for further information.

KAKO: book exam.

In English see <http://cc.oulu.fi/~epikkara/opetus/philsci.htm>

Target group:

All students in the faculty

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the Master's level language, communication and orientation studies, mutually optional with "Professional growth" and "Knowledge work as a pedagogical challenge" (for primary teacher, music teacher and early childhood education students)

Recommended or required reading:

Kiikeri, M. (2004) Tiede tutkimuskohteena. Filosofinen johdatus tieteen tutkimukseen.

Raatikainen, P. (2004) Ihmistieteet ja filosofia.

You can check for the availability of course books [here](#).

Assessment methods and criteria:

Book exam or online course. In the case of the online course, either an online exam and essay.

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

Grading:

Pass/fail

Person responsible:

By programme:

- Ari Kivelä (KAKO)
- Eetu Pikkarainen (VAKA, MUKA, LUKO)

Working life cooperation:

None

Other information:

Education students: The course is compulsory if it was not already completed in the Bachelor's programme. If it was completed, another optional communications/orientation studies course that was not taken at the Bachelor's level must be taken in its place.

404012A: Crazy about Felting, 2 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

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.

404009S: Pedagogical Challenges of Knowledge Work, 4 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

4 ECTS cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

Upon completion of the course, the student knows how to

- draw simple technical drawings with 3D design software,
- machine small components with CNC milling machine and
- apply CAD/CAM system in teaching of technical work and technology in primary school level.

Contents:

Technical drawing, 3D design and CAD/CAM system.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 10 h/ Small group teaching 30 h/ Self-study 68 h

Target group:

Primary teacher students / All the students in the Faculty of Education

Prerequisites and co-requisites:

None

Recommended optional programme components:

- 406040A Craft, technical work and technology (6 cr)
- A255902 Craft, technical work, technology (25 cr)

Recommended or required reading:

To be agreed on at the beginning of the course

Assessment methods and criteria:

Active participation in contact teaching, carrying out practical exercises and textual outputs. Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/ fail

Person responsible:

Jaakko Nykänen

Working life cooperation:

None

407033A: Science Culture and Technology, 2 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS cr

Language of instruction:

Finnish

Timing:

5th year, spring term

Learning outcomes:

Upon completion of the course, the student knows how to...

- Students are able to introduce a scientific world picture of the key criteria.
- Students develop understanding of the importance of math and science and technological knowledge, as well as the functioning of these disciplines interact.
- Students planning to practice in the above-mentioned subjects own teaching .

Contents:

- Natural Sciences structures
- Department of Mathematics and Physics, central theories
- The temporary topics of science and technology sectors and its applications

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 10 h/ Small group teaching 10 h/ Self-study 34 h

Target group:

Technology Oriented Primary Teacher Education

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

To be agreed on at the beginning of the course

Assessment methods and criteria:

Active participation in contact teaching, completion of assignments and multimedia report
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/ fail

Person responsible:

Juha-Matti Turpeinen

Working life cooperation:

None

408019S: Basics of educational administration, 2 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 cr

Language of instruction:

Finnish

Timing:

4th or 5th year

Learning outcomes:

Upon completion of the study module, the student

- knows the main acts and decrees governing educational administration as well as their contents
- knows how to apply educational administration legislation into practice at their own level of education
- knows how to use the Finlex software.

Contents:

The course aims to give the student a mastery of the basic legislation governing school administration and teaching as well as work as a civil servant in public administration. In addition, the student will gain an understanding of her/his rights in the teaching profession and knows how to seek for more information if necessary. During the course, the student is introduced to the administration system and work as a civil servant within the framework of the duties and functional possibilities set by current legislation and standards.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures and exam 16 h, small-group work and an assignment 4 h.

Target group:

Primary teacher students, early childhood education students

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

To be announced at the start of the course

Assessment methods and criteria:

Face-to-face teaching and individual tasks if any

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

pass/fail

Person responsible:

Leena Syrjälä

Working life cooperation:

None

404008S: Robotics Applications, 4 op**Voimassaolo:** 01.08.2013 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

4 ECTS cr

Language of instruction:

Finnish

Timing:

5th year, spring term

Learning outcomes:

Upon completion of the course, the student knows how to

- combine robotics building kits and component-based learning environments in robotics teaching in primary school level,
- apply different programming languages in different situations depending on theme and
- design and organize a robotics club in primary school level.

Contents:

Robotics building kit, component-based learning environment, programming language and robotics club in school.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 10 h/ Small group teaching 30 h/ Self-study 68 h

Target group:

Primary teacher students / All the students in the Faculty of Education

Prerequisites and co-requisites:

None

Recommended optional programme components:

- 406040A Craft, technical work and technology (6 cr)
- A255902 Craft, technical work, technology (25 cr)
- 408052S Programmable Logics and Logical Reasoning (4 cr)

Recommended or required reading:

To be agreed on at the beginning of the course

Assessment methods and criteria:

Active participation in contact teaching, carrying out practical exercises and textual outputs. Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/ fail

Person responsible:

Jaakko Nykänen

Working life cooperation:

None

406037A: Optional Studies in Art and Practical Education, 2 - 6 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

1 - 6 credits

Language of instruction:

English

Contents:

Optional studies consist of art and practical studies or integrating thematic units. Optional studies and their completion are announced separately at the beginning of each term. The extent of optional studies is 2.0 points (1.5 cr.), and the amount of contact teaching is 14 h/ point.

Recommended or required reading:

Literature (in English) introduced by the lecturers at the beginning of the course.

Assessment methods and criteria:

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

Grading:

Pass/fail

Person responsible:

Marja Ervasti

Other information:

Optional courses are not compulsory, if the amount of achieved points within Art and Practical Education otherwise exceeds 30.

410050Y: Educational research and information seeking systems I, 1 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

1 ECTS credit

Language of instruction:

Finnish/English

Timing:

During periods I, II, III & IV

Learning outcomes:

Upon completion of the course, the student will be able to search scientific information. The student will be able to use most important databases of the discipline and evaluate different information sources.

Contents:

- Transforming information need to search terms
- Most important datebases of the discipline
- Search process: search techniques & analysing search results
- Using reference management software

Mode of delivery:

Face-to-face teaching or web-based teaching

Learning activities and teaching methods:

Several methods: lectures or web-based teaching, self study

Target group:

Major students of the faculty of education

Prerequisites and co-requisites:

None

Recommended optional programme components:

Recommended to take the course at the beginning of proseminar

Recommended or required reading:

None

Assessment methods and criteria:

Participation in classroom teaching and successful completion of the course assignments
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Information specialist at the Pegasus Library

Working life cooperation:

None

Other information:

Web pages: <http://www.oulu.fi/library/node/10695>

410051Y: Educational research and information seeking systems II, 1 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

1 ECTS credit

Language of instruction:

Finnish/English

Timing:

During periods II & IV

Learning outcomes:

Upon completion of the course, the student will deepen his information searching skills. The student can search scientific information for his thesis. Furthermore, he uses evaluation tools to estimate the quality of scientific information and he understands the principles of scientific publishing. The student uses different features of the reference management software.

Contents:

- principles of informations search
- most important databases of the discipline
- different search techniques
- the central publication and information channels of the field
- saving searches in the databases
- keeping the track of new information using alert services offered by the databases
- the evaluation of scientific information
- RefWorks- bibliographic management program

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures, self study

Target group:

Major students of the faculty of education

Prerequisites and co-requisites:

None

Recommended optional programme components:

Recommended to take the course at the beginning of pro gradu seminar

Recommended or required reading:

None

Assessment methods and criteria:

Participation in classroom teaching and successful completion of the course assignments
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Information specialist at the Pegasus Library

Working life cooperation:

None

Other information:

Web pages: <http://www oulu.fi/library/node/10695>

407050A: Open Textbook Project, mathematics, 3 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 cr

Language of instruction:

Finnish

Timing:

Autumn Semester

Learning outcomes:

After successfully passing this course the student:

- can analyse the mathematics part of the National Core Curriculum of Primary Education of the chosen yeargroups
- can analyse mathematics textbooks and other related material
- can make based on the analyses above a part of a mathematics textbook and/or other material
- can describe the use of an electronic textbook and solve problems, which might occur when using an electronic textbook

Contents:

Based on the number of students in the course a mathematics textbook or many textbooks are made. The year group for the textbook is told later. The book is published using the open CC-BY-license.

Mode of delivery:

Contact teaching, project teaching face-to-face, web-based teaching and self study

Learning activities and teaching methods:

Contact teaching: 2h

Project teaching face-to-face, web-based teaching and self study: 72h

Target group:

Primary teacher education students

Prerequisites and co-requisites:

Mathematics Education, parts I and II

Recommended optional programme components:

Mathematics Education, parts I and II

Recommended or required reading:

To be told in the beginning of the course

Assessment methods and criteria:

Making an open mathematics textbook, group work, continuous assessment, peer assessment
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Vesa-Matti Sarenius

Working life cooperation:

None

392356S: National culture and globalisation, 5 op

Voimassaolo: 01.08.2005 - 31.07.2013

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

A200032: Orientation Studies, 6 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: General Studies

Laji: Study module

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

Ei opintojaksokuvauksia.

Orientation studies consists following mandatory courses

405023Y: Orientation to studies, 1 op

Voimassaolo: 01.08.2006 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay405023Y Orientation to studies (OPEN UNI) 1.0 op

ECTS Credits:

1 ECTS cr

Language of instruction:

Finnish/ English

Timing:

1st year, autumn term

Learning outcomes:

After completion the student

- is able to plan the course of their own studies both independently and in cooperation with their fellow students.
- gain perspective on the structure, content and study practices of their own education.
- becomes a member of his/hers student group.

Contents:

- initiating studies
- study goals, progression, structure and content
- ethical principles of studying and the studying culture
- personal study plan (PSP)

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures, teacher tutor and student tutor sessions 20 h

Target group:

New students

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

Study Guide and other handout materials.

Assessment methods and criteria:

Active participation and construction of a personal study plan (PSP).
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Student counsellors and teacher tutors

Working life cooperation:

None

410014Y: Information and communication as a pedagogical tool, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay410014Y Information and communication as a pedagogical tool (OPEN UNI) 3.0 op

ECTS Credits:

3 ECTS cr

Language of instruction:

Finnish

Timing:

1st year, autumn term

Learning outcomes:

After completing the course the student knows how to

- understands how technology is integrated with wider framework of instructional and learning activities in theory and practise.
- make good use of the social media, roomware and productivity programs in teaching and learning.
- can use technology as tool for supporting both individual and collaborative learning.
- Understands basic principles of instructional design of technology enhanced learning course/lesson.

Contents:

- Theoretical foundations and pedagogical models
- Societal issues
- Instructional design of the ICT in education
- Learning environments (learning management systems, social media, mobile social media)
- Roomware (interactive whiteboards, document cameras etc)
- Productivity programs and academic infrastructure

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 10 h, small-group sessions 20 h, independent work 25 h, group work 25 h

Target group:

All the students in the faculty of education

Prerequisites and co-requisites:

None

Recommended optional programme components:

410017Y Digital Media in Teaching and Learning and 405021Y/ [404010S](#) Pedagogical Challenges of Knowledge Work

Recommended or required reading:

Lectures, assignments, students own material. Other study materials will be confirmed at the beginning of the course and in the www-pages.

Assessment methods and criteria:

Active participation in contact teaching and practical exercises.
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Jari Laru

Working life cooperation:

None

Other information:

<http://wiki oulu.fi/display/ktktvt/Etusivu>

410017Y: Digital Media in Teaching and Learning, 2 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay410017Y Digital Media in Teaching and Learning (OPEN UNI) 2.0 op

ECTS Credits:

2 ECTS cr

Language of instruction:

Finnish

Timing:

Bachelor's Level, spring, see Course Structure Diagram

Learning outcomes:

After completing the course the student

- recognises the basic concepts of interactive digital media
- understands the role of copyrights in educational digital media projects
- knows how to use commonly available digital media production software and hardware
- has planned and implemented an educationally relevant digital product in a group
- discovers opportunities to use digital media in education

Contents:

- basic concepts in digital media
- copyrights in digital media
- planning digital media project: synopsis and treatment
- digital audio-, image-, and video processing
- digital animations and cartoons

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Lectures 6 hrs, small-group practical exercises 14 hrs, independent work 18 hrs, collaborative group work 22 hrs

Target group:

All the students in the faculty

Prerequisites and co-requisites:

None

Recommended optional programme components:

410014Y ICT as a Pedagogical Tool

Recommended or required reading:

Lectures, groupwork. Study materials will be confirmed at the beginning of the course.

Assessment methods and criteria:

Active participation in contact teaching, reflective blog journal about lecture topics, A digital media product.

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

Grading:

Pass/fail

Person responsible:

Jari Laru

Working life cooperation:

None

A200031: Language and Communication Studies, 10 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: General Studies

Laji: Study module

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

Ei opintojaksokuvauksia.

e1

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:

-

Recommended or required reading:

The students will receive course 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:

-

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.**

902130Y: Foreign Language (English), 3 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Language Centre

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

Leikkaavuudet:

ay902130Y Foreign Language (English) (OPEN UNI) 3.0 op

Voidaan suorittaa useasti: Kyllä

Proficiency level:

B2

Status:

Compulsory course for students of education.

Required proficiency level:

English must have been A1 or A2 language at school or equivalent English skills acquired otherwise. If you received the grade "L" or "E" in the Finnish matriculation exam, you can be exempted from **the first part of the course**.

ECTS Credits:

3 ECTS, workload is 80hrs (including 40 hrs of contact teaching)

Language of instruction:

English

Timing:

See the study guide of your study programme.

Learning outcomes:**Objectives:**

- to develop students' English language skills needed for effective communication on different topics related to teaching and educational research
- to practice comprehending and producing scientific oral presentations and written texts
- to introduce students to the concept of multiculturalism and its impact on education

Learning outcomes - by the end of the course students are expected to be able:

- to summarize, interpret and discuss academic texts on topics related to the field of education
- to write short essays on the topics related to teaching and educational research
- to search information on a chosen educational theme, and analyze, explain and orally communicate the ideas
- to describe and define the concepts of inter/multiculturalism, and identify and explain its effects on education

Contents:

- reading strategies and techniques with academic texts
- writing activities for summarizing and interpreting texts
- academic writing practice
- oral presentation practice
- intercultural awareness activities

Mode of delivery:

Contact teaching

Learning activities and teaching methods:

Small-group workshop, individual assignments and homework tasks

Target group:

Students of the Faculty of Education

Prerequisites and co-requisites:

-

Recommended optional programme components:

-

Recommended or required reading:

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

Assessment methods and criteria:

Regular participation in all contact teaching and completion of all required coursework.
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

pass / fail

Person responsible:See [contact teachers](#)

Working life cooperation:

-

Other information:

This course consists of two parts: [902130Y-01](#) and [902130Y-02](#)
Sign up to both of the parts by clicking the code.

*Compulsory***902130Y-01: Foreign Language (English) part 1, 1,5 op****Voimassaolo:** 01.08.2011 -**Opiskelumuoto:** Language and Communication Studies**Laji:** Partial credit**Vastuuyksikkö:** Language Centre**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** English**Status:**Part of the course [902130Y Foreign Language \(English\)](#)**Required proficiency level:**

-

ECTS Credits:

1,5 ECTS credits

Language of instruction:

English

Timing:

-

Learning outcomes:See the description of [902130Y Foreign Language \(English\)](#)**Contents:**

-

Mode of delivery:

Contact teaching

Learning activities and teaching methods:

-Students of the Faculty of Education

Target group:

Students of the Faculty of Education

Prerequisites and co-requisites:

-

Recommended optional programme components:

-

Recommended or required reading:

-

Assessment methods and criteria:

-

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

-

Person responsible:

See the Languages and Communication contact teachers

Working life cooperation:

-

Other information:

-

902130Y-02: Foreign Language (English) part 2, 1,5 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Language and Communication Studies

Laji: Partial credit

Vastuuyksikkö: Language Centre

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

Proficiency level:

-

Status:

Part of the course [902130Y Foreign Language \(English\)](#)

Required proficiency level:

-

ECTS Credits:

1,5 credits

Language of instruction:

English

Timing:

-

Learning outcomes:

See the description of [902130Y Foreign Language \(English\)](#)

Contents:

-

Mode of delivery:

Contact teaching

Learning activities and teaching methods:

-

Target group:

Students of the Faculty of Education

Prerequisites and co-requisites:

-

Recommended optional programme components:

-

Recommended or required reading:

-

Assessment methods and criteria:

-

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

Grading:

-

Person responsible:

See the Languages and Communication contact teachers

Working life cooperation:

-

Other information:

-

900070Y: Scientific Communication I, 2 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Language Centre

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay900070Y Scientific Communication I (OPEN UNI) 2.0 op

Proficiency level:

-

Status:

This course unit is compulsory for all students undertaking a BA degree in Education, Subject Teacher Education, Primary Teacher Education, Technology Oriented Primary Teacher Education, Creative Arts Oriented Primary Teacher Education and Music Education.

Required proficiency level:

-

ECTS Credits:

2 ECTS credits

Language of instruction:

Finnish

Timing:

1st year of studies

Learning outcomes:

Upon completion of the course unit the student should be able to prepare a verbally and stylistically fluent scientific presentation. The student should be able to assess and revise his/her own texts and apply the conventions and practices of scientific writing to his/her own work, especially to his/her scientific theses or dissertations. The student should be able to recognise his/her strengths and weak points as a communicator.

Contents:

The basics and various types of scientific communication. The basic notions of grammatical correctness and the stylistic and formal conventions demanded by proper scientific discourse. Critical approach to source literature and the most common formal standards (referencing techniques, constructing bibliographies etc.). Throughout the course unit the student analyses and produces texts of various types.

Mode of delivery:

contact teaching

Learning activities and teaching methods:

Contact lessons and group work 16 h. Independent study ca. 34 h.

Target group:

Students of the Faculty of Education

Prerequisites and co-requisites:

-

Recommended optional programme components:

-

Recommended or required reading:

the Material in the Optima learning environment,
 Hirsjärvi, S., Remes, P. & Sajavaara, P. (2009). Tutki ja kirjoita. Helsinki: Tammi.
 Kemppainen, T. & Lomama, T. (2002). Ensi askelia tieteen tiellä. Oulun yliopisto. Teos on saatavilla myös internetissä.
 Lonka, I., Lonka, K., Karvonen, P. & Leino, P. (2006). Taitava kirjoittaja. Opiskelijan opas. Helsinki: Yliopistopaino.

Assessment methods and criteria:

Active participation in teaching, independent study and completion of given assignments.
 Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

pass / fail

Person responsible:

See the Languages and Communication webpages for contact teachers

Working life cooperation:

-

Other information:

-

900075Y: Speech Communication, 2 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Language Centre

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay900075Y Speech Communication (OPEN UNI) 2.0 op

Proficiency level:

-

Status:

According to the old curriculum this course is compulsory for all students undertaking a BA degree in Subject Teacher Education, Primary Teacher Education, Technology Oriented Teacher Education, Creative Arts Oriented Teacher Education and Music Education. If a student of Education has included this course unit in his/her Bachelor's Degree, he/she must include 900071Y Scientific Communication II in his/her Master's Degree.

According to the new curriculum (2013 - 2014) this course is compulsory to all students.

Required proficiency level:

-

ECTS Credits:

2 ECTS credits

Language of instruction:

Finnish

Timing:

1st or 2nd year of studies according to the curriculum of the education programme.

Learning outcomes:

Upon completion of the course unit the student should be able to prepare and give an illustrative and understandable oral presentation on a topic relating to his/her own field in a way that suits the audience and the situation. The student should be able to function purposefully in various situations where he/she is

working by himself/herself or as a part of a group. He/she should be able to participate in scientific discourse with sound argumentation and analytical listening. He/she should be able to give, receive and process constructive criticism. The student should be able to critically evaluate his/her own oral communication skills and understand the significance of oral communication in university studies, scientific activity and as a part of professional interaction and communication.

Contents:

Presentation exercises, group work, communicator image and its significance, the speech communication situation and speech communication skills, structure of a speech, preparing a speech, goals and distinctive features of scientific interaction, communicating as an expert in scientific and professional contexts, discussion, negotiation and meeting procedures and practices, observation and analysis of speech communication situations.

Mode of delivery:

Contact teaching

Learning activities and teaching methods:

Contact teaching 20 h and independent study ca. 30 h.

Target group:

the students of the Faculty of Education

Prerequisites and co-requisites:

-

Recommended or required reading:

material in the Optima learning environment

Assessment methods and criteria:

Active participation in teaching, independent study and completion of given assignments. Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

pass / fail

Person responsible:

See the Languages and Communication webpages for contact teachers

Working life cooperation:

-

Other information:

-

A250504: Education, Basic Studies (Oulu), 25 op

Opiskelumuoto: Basic Studies

Laji: Study module

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ayA250504 Education, Basic Studies (OPEN UNI) 25.0 op

ECTS Credits:

25 ECTS credits

Language of instruction:

Finnish or English

Timing:

At the start of studies in education (in most programmes, 1st year, in secondary teacher education, 3rd and 4th years)

Learning outcomes:

At the end of the module, the student is expected to be able to analytically understand and describe pedagogical phenomena connected with the various stages and situations in a human being's growth as well as pedagogical interaction in different areas of the educational field. To understand and describe these phenomena, s/he knows how to use the basic concepts and theories in the classic fields of education and knowledge on the historical development

of educational activity and thinking The student also knows how to use various academic study and working methods and is able to conduct independent literary work and is getting oriented to educational expertise and research.

Contents:

Consists of the following courses:

[410067P](#) Basic Course in Education: Phenomenon, Theories and Practices of Education, 4 credits

[410068P](#) Didactics: Basics of Learning and Teaching, 4 credits

[410069P](#) Educational Psychology: Growth, Development and Learning, 4 credits

[410070P](#) Sociology of Education: Society, Educational Institutions and Social Interaction, 4 credits

[410071P](#) Educational Philosophy: Education as a Philosophical and Ethical Issue, 4 credits

[410072P](#) Pedagogical Research Seminar, 5 credits

The courses are divided into the following areas:

1. The study module is started with an orientation in "Basic Course in Education: Phenomenon, Theories and Practices of Education".
2. The next four courses comprise the content areas of the module, and the student can freely choose the order in which s/he studies them.
3. The applied course entitled "Pedagogical Research Seminar" is delivered differently in the various degree programmes. The student applies what s/he has learnt in the content courses, assuming a particular orientation depending on her/his educational and personal interests.

Mode of delivery:

Face-to-face and mixed teaching

Learning activities and teaching methods:

Lectures and seminar sessions

Target group:

Students pursuing major or minor studies in education

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

To be announced in connection with the courses

Assessment methods and criteria:

Exams, written assignments (a variety of individual or group assignments can be used depending on the situation)

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

Grading:

pass/fail

Person responsible:

Veli-Matti Ulvinen

Working life cooperation:

Depending on the degree programme, possibly included in the "Pedagogical Research Seminar".

Other information:

None

Compulsory

410067P: Basic course in education, 4 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay410067P Basic course in education (OPEN UNI) 4.0 op

ECTS Credits:

4 credits

Language of instruction:

Finnish or English

Timing:

1st year
Secondary teacher students 3rd year spring term

Learning outcomes:

After completion of the course, the student

- identifies the most important features of education as a science
- has a basic understanding of the history of education and its main areas of study
- knows how to use the basic concepts of education and pedagogy and is familiar with issues connected with them
- can relate different sectors of the educational sciences to each other
- is familiar with practical and professional tasks in the field of education and with issues connected to them.

Contents:

- basic concepts: development, bildung, teaching, pedagogical activity
- the status of scientific and practical theory in education and pedagogy
- education as a science, main areas and subareas
- history and development of education
- basics of professional growth and development
- orientation to practical tasks in education, assumption of a professional identity as a teacher and in other educational tasks.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures and other contact teaching 18 h, independent work 89 h

Target group:

Students in all programmes pursuing Basic Studies in Education

Prerequisites and co-requisites:

None

Recommended optional programme components:

This is the first course in the Basic Studies in Education (25 credits).

Recommended or required reading:

Rinne, R., Kivirauma, J. & Lehtinen, E. (eds.) (2000) Johdatus kasvatustieteisiin.
Siljander, P. (2002) Systemaattinen johdatus kasvatustieteeseen.
Availability can be checked [here](#).

Assessment methods and criteria:

Exam or written assignments

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

Grading:

pass/fail

Person responsible:

Pauli Siljander

Working life cooperation:

None

410069P: Educational psychology, 4 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay410069P Educational psychology: (OPEN UNI) 4.0 op

ECTS Credits:

4 credits

Language of instruction:

Finnish

Timing:

1st year

Secondary teacher students 3rd year spring term

Learning outcomes:

Having completed the course, the student

- knows how to use the central concepts and identifies the main research areas and topics in educational psychology
- knows how to analyse the special nature of knowledge on educational psychology and estimate the opportunities and limitations in the application of this knowledge to educational work

Contents:

- the relationship of educational psychology to psychology and other subareas of education
- research object and basic concepts: growth, development and learning
- professional practice in educational psychology and its application to issues of growth and development at different ages

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures and other teaching 18 h, independent studies 89 h

Target group:

Students in all programmes pursuing Basic Studies in Education

Prerequisites and co-requisites:

No

Recommended optional programme components:

The course is part of the Basic Studies in Education (25 cr).

Recommended or required reading:

Applicable parts:

- Lehtinen, E., Kuusinen, J. & Vauras, M. (2007) Kasvatuspsykologia
- Soini (2013) Johdatusta kasvatuspsykologian kysymyksiin. Opintomoniste, available in Optima.
- and additional literature to be announced during the course.

Course material availability can be checked [here](#).

Assessment methods and criteria:

Exam or written assignments

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

Grading:

pass/fail

Person responsible:

Hannu Soini

Working life cooperation:

No

Other information:

In early childhood education, this course is 2 cr in scope (lectures only).

410070P: Sociology of education, 4 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay410070P Sociology of education:Society, educational institutions and social interaction (OPEN UNI) 4.0 op

ECTS Credits:

4 credits

Language of instruction:

Finnish or English

Timing:

1st year

Secondary teacher students 4th year autumn term

Learning outcomes:

After completion the student will be able to visualize:

- the links between educational sociology, sociology and education.
- basic issues and concepts in social sciences and educational sociology
- the Finnish education system and educational politics as a part of social politics

Contents:

- central concepts in social sciences
- basic concepts and issues in educational sociology
- sociology of education: links to education and sociology
- the roles of socialization and education
- classic trends in the educational sociology: structuralism, conflict-theory and critical sociology, and socialization theory and interaction
- the Finnish education system: past, present and future
- education politics as a part of social politics
- theoretical and practical issues in educational sociology: school practices (interaction-based school class research), hidden curriculum, equality of education, identity, normality and deviation.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures and other teaching 18 h, independent study 89 h.

Target group:

Students in all programmes pursuing Basic Studies in Education.

Prerequisites and co-requisites:

No

Recommended optional programme components:

The course is part of the Basic Studies in Education (25 cr).

Recommended or required reading:

Aittola, T. (toim.) 2012. Kasvatussosiologian suunnannäyttäjä.

[OR Aittola, T. (toim.) (1999) Kasvatussosiologian teoreetikoita. Uudesta kasvatussosiologiasta oppimisen kriittiseen tarkasteluun.]

Antikainen, A., Rinne, R. & Koski, L. (2000) Kasvatussosiologia.

Course material availability can be checked [here](#).

Assessment methods and criteria:

Exam or written assignments.

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

Grading:

pass/fail

Person responsible:

Veli-Matti Ulvinen

Working life cooperation:

No

410071P: Educational philosophy, 4 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay410071P Educational philosophy: (OPEN UNI) 4.0 op

ECTS Credits:

4 credits

Language of instruction:

Finnish or English

Learning outcomes:

The students are familiar with the main areas of educational philosophy and how they give rise to educational problematisation and question formulation as well as research and results. The students know how to analyse and solve ethical and philosophical problems in education and teaching and are able to critically assess previously suggested solutions.

Contents:

- Educational philosophy as an area of educational sciences
- the nature of philosophy as a science, philosophical questions and the most important sub-areas.
- Objectives in education
- Historically important trends in academic study of educational philosophy
- Ethical nature of education, training and teaching, and ethical issues in pedagogical activity

Mode of delivery:

Lectures and other face-to-face teaching 18 h, independent work 89 h

Learning activities and teaching methods:

Lectures and other teaching 18 h and independent studies.

Target group:

Students in all programmes pursuing Basic Studies in Education (25 credits).

Prerequisites and co-requisites:

No

Recommended optional programme components:

The course is part of the Basic Studies in Education (25 cr).

Recommended or required reading:

Applicable parts:

- Atjonen, P. (2004) Pedagoginen etiikka koulukasvatuksen karttana ja kompassina.
- Ojakangas, M. (2001) Pietas - Kasvatuksen mahdollisuus.
- Puolimatka, T. (1995) Kasvatus ja filosofia. (Primary reading)
- Etiikka koulun arjessa. (2002)

Course material availability can be checked [here](#).

Assessment methods and criteria:

Exam or written assignments.

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

Grading:

pass/fail

Person responsible:

Eetu Pikkarainen

Working life cooperation:

No

410068P: Didactics, 4 op**Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay410068P Didactics: (OPEN UNI) 4.0 op

ECTS Credits:

4 credits

Language of instruction:

Finnish or English

Timing:

1st year

Secondary teacher students 3rd year spring term

Learning outcomes:

After completion the students

- understand the basic concepts related to learning and teaching, their theoretical foundations and significance in practice
- understand the learning process and its cognitive, motivational and social features.
- recognize the teacher's role as a director/guider of learning and are familiar with new models of teaching
- are able to analyse the characteristics of a good learner in theory and practice and are aware of how learning skills can be taught.

Contents:

- basic concepts of learning and teaching, their theoretical foundations and significance in practice
- basic processes of learning, their cognitive, motivational and social features
- theoretical foundations of learning guidance: the teacher's role as a director of learning, models of teaching
- principles of curriculum design and planning of teaching entities
- the characteristics of a good learner in theory and in practice: how learning skills can be taught

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures and other contact teaching 18 h, independent studies 89 h

Target group:

Students in all programmes pursuing Basic Studies in Education

Prerequisites and co-requisites:

No

Recommended optional programme components:

The course is part of the Basic Studies in Education (25 cr).

Recommended or required reading:

Applicable parts:

- Hakkarainen, K. , Lonka, K. & Lipponen, L. (2004 or 2001) Tutkiva oppiminen. järki, tunteet ja kulttuuri oppimisen sytyttäjinä.
- and supplementary literature to be announced during the course.

Course material availability can be checked [here](#).

Assessment methods and criteria:

Exam or written assignments

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

Grading:

pass/fail

Person responsible:

Sanna Järvelä

Working life cooperation:

No

410072P: Pedagogical Research Seminar, 5 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay410072P Pedagogical Research Seminar (OPEN UNI) 5.0 op

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

5 ECTS

Language of instruction:

Finnish

Timing:

Varies depending on the programme: during or at the end of the basic studies in education

Learning outcomes:

After the course, the student

- perceives the various areas of education and the relations between them
- is familiar with educational research and the basics of scientific writing
- has an understanding of the relationship between pedagogical theory and practice

In addition, students in the primary teacher education programmes in particular

- know how to gather observation data on social interaction in the classroom
- identify issues underlying changes in teachership
- know how to apply knowledge of the pupils in pedagogical activity as a teacher
- know how to present their pedagogical theories-in-use
- know how to compose a report based on observation data to discuss classroom observations from theoretical and practical viewpoints
- see the goals for the course Orientation to Practice 410072P-2 (formerly 410075P), 2 credits

In addition, students in the early childhood education programme in particular know how to

- explain the nature of the area of early childhood education research in the field of different sciences
- specify and evaluate different theoretical trends in early childhood education
- identify and assess the ethical basis of early childhood education research
- face different children and identify and assess the need for three-tier support in early childhood education
- summarise scientific text and discuss current research themes in early childhood education

Contents:

Research being carried out in the Faculty, expertise based on it, contents of a seminar paper based on the student's own interests, feedback and discussions related to it.

Mode of delivery:

Face-to-face and blended teaching, seminar sessions

Learning activities and teaching methods:

Varies by the degree programme. See the subcodes.

Target group:

Students in all programmes pursuing the Basic Studies in Education (25 credits).

Prerequisites and co-requisites:

Basic course in education

Recommended optional programme components:

The course is the final course in the Basic Studies in Education (25 credits), and in the primary teacher education programmes it is closely linked to Orientation to School Work and to studies in educational psychology and, in secondary teacher education, in special education.

Recommended or required reading:

E.g. Siljander, P. & Kivelä, A. (Eds) (2008). *Kasvatustieteen tila ja tutkimuskäytännöt: paradigmat katosivat, mitä jäljellä?* (applicable parts).

Availability of course books can be checked [online](#).

Assessment methods and criteria:

Varies by programme. See the subcodes.

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

Grading:

pass/fail

Person responsible:

Varies by programme

Working life cooperation:

There is teaching practice in the primary teacher education programmes.

Other information:

Courses vary by programme:

Early childhood education:

- [410072P-01](#) Research areas and basics of early childhood education 3 ECTS cr
- [410072P-02](#) Orientating Practice in a day care center 2 ECTS cr

Teacher education programmes:

- [410072P-03](#) Orientation to Work at School 2 ECTS cr
- [410072P-04](#) Pedagogical Seminar I: Knowing the Pupils and Interaction 3 ECTS cr (TEKNO: [410072P-05](#) Pedagogical Seminar in Technology Education I 3 ECTS cr)

Educational Sciences programme:

- [410072P-06](#) Research Seminar, Education 5 ECTS

Alternative

410072P-01: Research areas and basics of early childhood education, 3 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Basic Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS cr

Language of instruction:

Finnish

Timing:

1st year (autumn)

Learning outcomes:

- Student knows the basic concepts and special scientific features of early childhood education
- Student knows how to describe the historical development of early childhood education
- Student knows the principles of early childhood education planning and pedagogical activities

Contents:

- Basic concepts, research objects and methods of early childhood education
- Historical development of early childhood education
- Basics of planning and pedagogy in early childhood education

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

- Lectures and work in small groups 30 hours
- Independent work 50 hours

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

- National Curriculum Guidelines on Early Childhood Education and Care in Finland (2005)
- Miller, L. & Pound, L. (Eds.) (2011) Theories and Approaches to Learning in the Early Years. Sage Publications.

Assessment methods and criteria:

- Active participation in lectures and work in small groups
- Completion of assignments

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

pass/fail

Person responsible:

Eila Estola, Hannele Karikoski, Satu Karjalainen

Working life cooperation:

None

Other information:

None

410072P-02: Orientating Practice in a day care center, 2 op**Voimassaolo:** 01.08.2013 -**Opiskelumuoto:** Basic Studies**Laji:** Partial credit**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 credits

Language of instruction:

Finnish

Timing:

1st year (autumn)

Learning outcomes:

- Student knows how to describe the day care center as a child's growth environment and as a work community
- Student is familiar with pedagogical planning and practical implementations in early childhood education
- Student knows how to observe children, children's activities and play

Contents:

- The day care centre as a child's growth environment and as a work community
- Pedagogical planning and implementation
- Observation of children and their activities

Mode of delivery:

Supervised practice in a day care center

Learning activities and teaching methods:

Work in a day care center 50 h

Practicum 4h

Target group:

Students of early childhood education

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

None

Assessment methods and criteria:

Active completion of the practice period, participation in the practicum

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

Grading:

pass/fail

Person responsible:

Hannele Karikoski and Satu Karjalainen

Working life cooperation:

2 ECTS cr

Other information:

None

410072P-03: Orientation to Work at School, 2 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Basic Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS cr

Language of instruction:

Finnish

Timing:

First year, Bachelor level

Learning outcomes:

After completion of the course, the student is able to:

- report on the activities of a class
- critically describe his/her conception of teachership and education
- assess the activity of a class by means of observation
- understand the contents and significance of curricula in school education

Contents:

School experience orientation is a part of the studies in the major subject at the Bachelor level. It is also a part of the pedagogical studies in teacher training. All the student teachers complete this practice period, irrespective of prior work experience.

The principal theme of this practice period is the pupil as a member of the classroom community.

The aim is for the students to build upon the themes and their individual levels of understanding of Pedagogical Seminar I by working in a concrete classroom context. In addition, this practice period introduces the students to the curriculum and its flexible implementation in teaching.

School experience orientation offers the students a guided opportunity to investigate child development and interaction in a classroom environment, as well as relevant socio-cultural phenomena, based on study assignments formulated in Pedagogical Seminar I. In the School experience orientation period, the students are introduced to the teaching profession by participating in the teaching and learning activities of their own student class groups and those of neighbouring classes (cells).

Place: Oulu Teacher Training School, grades 0-6.

Duration of the period: two calendar weeks

Mode of delivery:

School Work

Learning activities and teaching methods:

Description of the activities: During Orientation to School Work, the student works together with the staff of the Teacher Training School and his/her fellow students.

The student observes and monitors the activity in the class based on the learning assignments agreed on in Pedagogical Seminar I. The students get to know school as a growth and learning environment and is familiarised with the school curriculum, especially its general part.

The period starts with a cell-specific joint planning session, discussing the course and supervision arrangements and agreeing on the working classes where the planning continues. The planning is attended by all the persons taking part in the school work period. During this period, the student gets to know the class and carries out the monitoring tasks given in Pedagogical Seminar I.

There are 40 hours of activities tied to a time and place in this period, consisting of the following:

- In cooperation with Liikenneturva, the students in each class give a traffic education lesson to the pupils. There is a two-hour lecture on the contents of this lesson at a time to be specified later.
- The students also give small-scale simultaneous teaching, small group teaching or a jointly implemented teaching episode or lesson.
- In addition to the above, the students also monitor the activities in their own and neighbouring classes for a total of 36 hours.

Supervision: General supervision in Orientation to School Work is provided by the primary school principal at the Teacher Training School. Tutoring in a student's class or for a group of students is provided by specifically appointed class teachers. Tutoring in the major subject studies focuses on supervision of the practice period in Pedagogical Seminar I.

Information seminar: School experience orientation will begin with an information meeting to be held in the canteen for the grades 0-6 at the Teacher Training School.

Assessment: The class teacher assesses the student's performance on the scale pass/fail based on assessment discussions and the pedagogical portfolio. An entry on a "pass" is made in the practice card. The card is also signed by the staff member who delivered Seminar I. There are specific instructions available on the composition and contents of the pedagogical portfolio. Its composition is also discussed in Pedagogical Seminar I.

A fail may need to be retaken or supplemented. A failed school experience period can be retaken twice. There are specific instructions on supplementation or retakes. If a registration for the period is not cancelled, it is considered a fail.

Evaluation seminar: At the end of the Orientation to School Work, an evaluation seminar is organised at the Teacher Training School to analyse the fulfilment of the goals for the period and to discuss how the experiences can be utilised for future school experience periods. The seminar is attended by all the persons who contributed to the school experience period. A secretary chosen from among the students keeps minutes in the evaluation seminar, and the document is delivered to the members of the school experience team in electronic form within one week of the seminar.

Target group:

Primary teacher education (not ITE-students)

Prerequisites and co-requisites:

Participation in Orientation to School Work also requires participation in Pedagogical Seminar I.

Recommended optional programme components:

Pedagogical Seminar I

Recommended or required reading:

None

Assessment methods and criteria:

Work placement

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

Grading:

Pass/ fail

Person responsible:

Vesa-Matti Sarenius, Auli Halme, Erkki Pekkala, Markku Juopperi, Outi Takalo

Working life cooperation:

Yes.

Other information:

Registration: Registration for the autumn period is by the end of September, and for the spring period by the end of previous November. The registration takes place via Weboodi.

410072P-04: Pedagogical Seminar I: Knowing the Pupils and Interaction, 3 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Basic Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS cr

Language of instruction:

Finnish

Timing:

1st year

Learning outcomes:

Upon completion of the course, the student

- identifies knowledge of pupils as learners as a dialogical relationship and as a continuous process
- identifies the most important group phenomena in the classroom and knows how to observe interaction between pupils
- knows how to describe his/her pedagogical theory-in-use and how to critically describe and reflect on his/her views on teaching and education
- knows how to apply his/her pedagogical expertise in a diversified, attentive and pupil-centred manner in different interaction situations
- is familiar with research on classroom interaction

Contents:

- changing knowledge in educational and development psychology, especially the traits of the growth and development of children at school age, but also the theories in which these traits are seen as socially produced
- familiarisation with classical sociological studies that apply or develop theories by observing classroom situations
- pedagogical portfolio as a tool for reflection on the development of your own teachership: aims of the portfolio and starting to compile one

Taika-students: The seminar focuses on the arts and crafts education perspective in learner growth and development and the study of interactive and socio-cultural phenomena in the classroom. We learn how to identify the opportunities provided by the arts in deepening the teacher-student relationship.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Small group teaching 24 h/ self-study 56 h

The student works on her/his portfolio also in a blog environment between the face-to-face meetings

Target group:

Luokanopettajakoulutusten opiskelijat

Prerequisites and co-requisites:

Basic Course in Education, Didactics

Recommended optional programme components:

Pedagogical Seminar I is part of a module formed by "Educational Psychology", "Sociology of Education" and "Orientation to School Work". Integrating the themes of these courses, students focus on studying the pupils' growth and development as well as interaction and sociocultural phenomena in the classroom. The pedagogical seminars I-III form a continuum in which the essential viewpoint is the student's comprehensive professional growth into a critical, reflective and inquiring teacher.

Recommended or required reading:

Sovitaan opintojakson alussa

Assessment methods and criteria:

Active participation in contact teaching, completion of assignments and pedagogical portfolio
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Maija Lanas

Working life cooperation:

None

410072P-05: Pedagogical Seminar in Technology Education I, 3 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Basic Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS cr

Language of instruction:

Finnish

Timing:

1st year

Learning outcomes:

After the course the student knows how to plan and carry out teaching episodes based on research on technology education. The students knows hwo to analyse and evaluate teaching situations and reflect on the phenomena and issues taking place in them from the viewpoint of technology education.

Contents:

Familiarisation with technology learning with a focus on educational psychology. The inquiring teacher and significance of awareness of pupil needs in primary school.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Small group sessions 20 h, individual teaching 16 h, work placement 2 h.

The seminar focuses on the technology learning process when the pupils are supposed to learn some technological entity. Making use of a self-made assembly kit, a teaching episode is planned and carried out, with literature produced on technology education research providing the theoretical basis. The teaching episode is analysed based on this, and the results of the analysis are presented in the form of a learning diary.

Target group:

Technology oriented primary teacher education

Prerequisites and co-requisites:

None

Recommended optional programme components:

405024Y Introduction to Theoretical Foundations and Practics in Technology Education, 407034A Pedagogical Seminar in Technology Education II, 408023S Pedagogical Seminar in Technology Education III, 406040A Crafts / Technical Work and Technology

Recommended or required reading:

Technology Education literature, self-produced educational materials

Assessment methods and criteria:

Literature, production and testing of learning materials at school, preparation of a pedagogical portfolio.

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

Grading:

Pass/ fail

Person responsible:

Matti Lindh

Working life cooperation:

Yes. The course includes giving a teaching session at school (2 h).

410072P-06: Research Seminar, Education, 5 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Basic Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Learning activities and teaching methods:

Lectures and other contact teaching 10 h and individual work

Recommended or required reading:

As applicable Siljander, P & Kivelä, A. (toim.) (2008). Kasvatustieteen tila ja tutkimuskäytännöt. Paradigmat katosivat, mitä jäljellä?

Assessment methods and criteria:

Report, presenting it in a group

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

Grading:

pass/fail

Person responsible:

NN

Working life cooperation:

No

Other information:

See full description at the main code.

A251505: Early Childhood Education, Intermediate Studies (Oulu), 40 - 45 op

Opiskelumuoto: Intermediate Studies

Laji: Study module

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

45 ECTS cr

Language of instruction:

Finnish

Timing:

1st - 3rd years

Learning outcomes:

Upon completion of the Intermediate Studies in Education, specifically early childhood education, the student knows how to apply and evaluate the approaches of educational research to pedagogical phenomena. S/he is capable of scientific information acquisition and argumentation and knows how to report scientific results. S/he is capable of functioning in various expert duties in early childhood education in different communities.

Contents:

see under each course

Mode of delivery:

Face- to- face teaching

Learning activities and teaching methods:

Specified in more detail for each specific course.

Target group:

Early childhood education students

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

Specified in more detail for each specific course

Assessment methods and criteria:

Active participation in face-to-face teaching and successful completion of assignments.

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

pass/fail 0-5

Person responsible:

Eila Estola

Working life cooperation:

None

Other information:

None

*e1***442186A: Children's rights and basics of child welfare, 3 op****Voimassaolo:** 01.08.2013 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

3 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (autumn)

Learning outcomes:

- Student knows the principles of the Convention on the Rights of the Child (UN)
- Student knows the basics of child welfare legislation and is able to follow the elaboration of the legislation
- Student knows how to co-operate with child welfare professionals

Contents:

- United Nation's Convention on the Rights of the Child
- Acts and decrees related to children
- Basics of social pedagogy
- Co-operation between early childhood education and child protection

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

- Lectures and work in small groups 18 hours
- Independent work

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

- Finnish laws and decrees
- Ranne, K., Sankari, A., Rouhiainen-Valo, T. & Ruusunen, T. (Toim). (2005) Sosiaalipedagoginen ammatillisuus - Madsenin kukasta toiminnan tulppaaniksi.

Assessment methods and criteria:

Active participation in lectures and small group sessions
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass / fail

Person responsible:

nn

Working life cooperation:

None

Other information:

None

442187A: Pedagogical applications and analysis, 3 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (spring)

Learning outcomes:

Having completed the course, the student knows how to

- observe the activities of an individual child, a group of children and educational phenomena in its activities
- plan, instruct and evaluate the activities of pre-school level children by applying different pedagogical methods
- develop his/her capacity to adopt a research-oriented approach
- reflect on and develop his/her professionalism

Contents:

- observing educational phenomena in a group of children based on individual and small group supervision
- application of pedagogical methods in children's group activities
- completing a learning assignment related to an educational phenomenon based on both literature and observations gathered during the course
- reflection on and development of the student's own professionalism by writing a learning diary

Mode of delivery:

Face to face teaching

Learning activities and teaching methods:

Work in small groups 30h, Independent work 50h

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

- Puroila, A-M. (2003) Päiväkotiarjen rikkaus.
- *Hujala, E. & Turja, L. (toim.) 2011. Varhaiskasvatuksen käsikirja.*
- Other literature by agreement

Assessment methods and criteria:

Active participation in small group work and completion of assignments
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

pass/fail

Person responsible:

Satu Karjalainen

Working life cooperation:

None

Other information:

None

442166A: Collaboration in early childhood education, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 cr

Language of instruction:

Finnish

Timing:

2nd year (autumn)

Learning outcomes:

- the student identifies the principles of a humanistic idea of man and reflects on them in early childhood education work
- the student knows how to apply and develop her/his own cooperation methods together with parents based on ecocultural views and principles of educational partnership and dialogicality
- the student is familiar with and applies the principles of team work and makes her/his own competence available to the multiprofessional work community

Contents:

- educational partnership and dialogicality with parents in different interaction situations: e.g. at the start of day care, construction of early education plans
- team work, multiprofessional cooperation and on-the-job learning in early childhood education

Mode of delivery:

Face -to- face teaching

Learning activities and teaching methods:

- Lectures and small group sessions 30h
- Independent work 50h

Target group:

Early childhood education students

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

- Nummenmaa, A. R. & Karila, K. 2010. Ammatilliset keskustelut varhaiskasvatuksessa.
- Other literature as agreed

Assessment methods and criteria:

Active participation in teaching and completion of assignments.

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

Grading:

pass/fail

Person responsible:

Aila Tiilikka

Working life cooperation:

None

Other information:

None

442188A: Early childhood teacher as a pedagogical expert, 2 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS cr

Language of instruction:

Finnish

Timing:

3rd year

Learning outcomes:

- The student explores and evaluates her/his teachership from the viewpoint of the ethical and theoretical foundations of her/his profession and her/his own pedagogical skills
- The student describes, manifests and develops her/his theoretical and practical skills by means of a teaching portfolio

Contents:

- the underlying values, professional ethics and professionalism of kindergarten teachers' work
- biographical issues underlying a person's teachership
- coping and welfare at work
- exploration of and reflection on a person's own teachership in a peer group and by working on a portfolio

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

- lectures and exercises 20 h
- independent work 34 h

Target group:

3rd year students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

- Rouvinen, R. 2007. "Tässä työssä yhdistyy kaikki" Lastentarhanopettajat toimijoina päiväkodissa. Joensuu: Joensuun yliopisto 119. TAI / OR
- Ylitapio-Mäntylä, O. 2009. Lastentarhanopettajien jaettuina muisteluja sukupuolesta ja vallasta arjen käytännöissä. Rovaniemi: Lapin yliopisto.
- Other literature by agreement

Assessment methods and criteria:

Active participation in teaching

Production of a teaching portfolio

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

Grading:

pass/fail

Person responsible:

Aila Tiilikka

Working life cooperation:

None

Other information:

None

407040A: Basic Course in Quantitative Research, 5 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opettajat: Peltonen, Jouni Aslak

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay407040A Basic course in quantitative research (OPEN UNI) 5.0 op

ECTS Credits:

5 cr

Language of instruction:

Finnish

Timing:

2. or 3. year

Learning outcomes:

Having completed the course, the student knows how to

- define the basic ideas in the approaches and methods of research in the human sciences from the viewpoint of different traditions of science
- plan and implement the main stages of a simple quantitative study
- evaluate and interpret quantitative studies conducted by others

Contents:

The course is divided into three parts:

407040A-01 Basis of research (2 cr.)

- basic features of empirico-analytical research
- role of theory in research
- main stages of the research process
- formulating and shaping the research question
- types of research
- data collection
- accountability/reliability analysis

407040A-02 Statistical analysis (2 cr.)

- description of one- and two-dimensional empirical distribution
- foundations of statistical deduction
- estimation
- statistical testing

407040A-03 Exercises (1 cr.)

- enhancing knowledge of content areas in 1 and 2

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

1. Lectures 18 h
2. Lectures 18 h
3. Exercises: Small group sessions 14 h

Target group:

Students in all programmes pursuing Intermediate Studies in Education (/Music Education)

Prerequisites and co-requisites:

None

Recommended optional programme components:

Thesis studies support the writing of a Bachelor's thesis

Recommended or required reading:

Metsämuuronen, J. (2003). Tutkimuksen tekemisen perusteet ihmistieteissä (s. 1-146).
Holma, K. & Mälkki, K. (toim.) (2011) Tutkimusmatkalla. Metodologia, teoria ja filosofia kasvatustutkimuksessa.

Course material availability can be checked [here](#).

Assessment methods and criteria:

1. Learning assignments
 2. Learning assignments given at exercises
 3. Active participation in small group sessions, an essay
- Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

0 - 5

Person responsible:

Jouni Peltonen

Working life cooperation:

None

Other information:

Education Programme: if Research Methods I has been completed in the major subject studies, the student will complete equivalent credits worth of intermediate level studies in minor subject literature instead.
Early Childhood Education Programme: Small groups of their own, with Hannele Karikoski and Asko Pekkarinen in charge.

*Compulsory***407040A-01: Basis of research, 2 op****Voimassaolo:** 01.08.2012 -**Opiskelumuoto:** Intermediate Studies**Laji:** Partial credit**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay407040A-01 Basis of Research (OPEN UNI) 2.0 op

ECTS Credits:

2 ECTS credits

Language of instruction:

Finnish

Timing:

2. or 3. year

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 18 h

Prerequisites and co-requisites:

No

Recommended or required reading:

Metsämuuronen, J. (2003). Tutkimuksen tekemisen perusteet ihmistieteissä (s. 1-146).
 Holma, K. & Mälkki, K. (toim.) (2011) Tutkimusmatkalla. Metodologia, teoria ja filosofia
 kasvatustutkimuksessa.

Check the availability [here](#)**Assessment methods and criteria:**

Learning assignments

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

0-5

Person responsible:

Jouni Peltonen

Working life cooperation:

No

407040A-02: Statistical analysis, lecture, 2 op**Opiskelumuoto:** Intermediate Studies**Laji:** Partial credit**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay407040A-02 Statistical analysis, lecture (OPEN UNI) 2.0 op

ECTS Credits:

2 ECTS credits

Language of instruction:

Finnish

Timing:

2. or 3. year

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 18 h

Prerequisites and co-requisites:

No

Recommended or required reading:

See Main code

Assessment methods and criteria:

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

Grading:

0-5

Person responsible:

Jouni Peltonen

Working life cooperation:

No

407040A-03: Exercises, 1 op

Voimassaolo: 01.08.2012 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay407040A-03 Exercises (OPEN UNI) 1.0 op

ECTS Credits:

1 ECTS credit

Language of instruction:

Finnish

Timing:

2. or 3. year

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Small groups 14 h

Recommended or required reading:

See main code

Assessment methods and criteria:

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

Grading:

0-5

Person responsible:

Jouni Peltonen

Working life cooperation:

No

407041A: Basic Course in Qualitative Research, 5 op**Voimassaolo:** 01.08.2011 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Anu Alanko**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay407041A Basic course in qualitative research (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Timing:

2. or 3. year

Learning outcomes:

Having completed the course, the student knows how to

- define the basic ideas in the approaches and methods of research in the human sciences from the viewpoint of different traditions of science
- plan and implement the main stages of a simple qualitative study
- evaluate and interpret qualitative studies conducted by others

Contents:

- formulating and shaping research questions
- approaches to qualitative research
- different approaches to qualitative research
- progression of the research process
- interviews and observation in qualitative research

407041A-01 Lectures 2 cr

407041A-02 Exercises 3 cr

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 18 h, small group sessions 16 h

Target group:

Students in all programmes pursuing Intermediate Studies in Education (/Music Education)

Prerequisites and co-requisites:

None

Recommended optional programme components:

Thesis studies support the writing of a Bachelor's thesis

Recommended or required reading:

Alasuutari, P. (2011). Laadullinen tutkimus 2.0 (4. uud. p.)

Ruusuvuori, J. & Tiittula, L. (toim.)(2005). Haastattelu. Tutkimus, tilanteet ja vuorovaikutus.

Course material availability can be checked [here](#).**Assessment methods and criteria:**

Exam, active participation in small group sessions, an essay
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

0 - 5

Person responsible:

Raimo Kaasila

Working life cooperation:

No

Other information:

Education Programme: if Research Methods I has been completed in the major subject studies, the student will complete equivalent credits worth of intermediate level studies in minor subject literature instead, or participates in research group work.

*Compulsory***407041A-01: Basic course in qualitative research, lecture, 2 op**

Voimassaolo: 01.08.2012 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay407041A-01 Basic course in qualitative research, lectures (OPEN UNI) 2.0 op

ECTS Credits:

2 ECTS credits

Language of instruction:

Finnish

Timing:

2. or 3. year

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 18 h

Recommended or required reading:

Alasuutari, P. (2011). Laadullinen tutkimus 2.0 (4. uud. p.) Tampere: Vastapaino.
Ruusuvuori, J. & Tiittula, L. (toim.)(2005). Haastattelu. Tutkimus, tilanteet ja vuorovaikutus.
Check the availability [here](#)

Assessment methods and criteria:

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

Grading:

0-5

Person responsible:

Raimo Kaasila

Working life cooperation:

No

407041A-02: Basic course in qualitative research, exercises, 3 op

Voimassaolo: 01.08.2012 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay407041A-02 Basic course in qualitative research, exercises (AVOIN YO) 3.0 op

ECTS Credits:

3

Language of instruction:

Finnish

Timing:

2. or 3. year

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Small groups 16 h

Recommended or required reading:

See main code

Assessment methods and criteria:

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

Grading:

0-5

Person responsible:

Raimo Kaasila

Working life cooperation:

No

442164A: Bachelor's thesis, 10 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

407030A Bachelor's Thesis 9.0 op

ECTS Credits:

10 ECTS cr

Language of instruction:

Finnish

Timing:

3rd year

Learning outcomes:

Upon completion of the course,

- the student knows how to formulate a research problem
- the student knows how to compose a research plan on the topic of his/her thesis
- the student can use relevant literature for a theoretical examination of her/his research topic
- the student is familiar with the basics of scientific writing and can use them to write a thesis
- the student prepares a Bachelor's thesis
- the student is able to act as an opponent for another student

Contents:

The course consists of the following:

- preparing a research plan
- conducting research
- writing a research report
- acting as peer opponent and assessor of a thesis
- writing the maturity test
- information skills training at the library

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Seminar sessions 30 h, information skills training at the library 10 – 12 t, and Self-study 227 h

Target group:

All the students in the Faculty of Education

Prerequisites and co-requisites:

Basic Studies (25 credits) in Major Subject, Scientific Communication I and Basic courses in qualitative and quantitative research(started)

Recommended optional programme components:

The course is part of the Intermediate Studies in Major Subject

Recommended or required reading:

Hirsjärvi, S., Remes, P. & Sajavaara, P. Tutki ja kirjoita.

APA-opas: <http://cc.oulu.fi/~sarenius/apatyyl/i>

Assessment methods and criteria:

Construction and presentation of research plan, writing and presentation of thesis, participation in seminar sessions, acting as a peer opponent, writing of the maturity test
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

0 - 5

Person responsible:

Minna Sääskilähti and the leaders of seminar groups

Working life cooperation:

None

Other information:

For details on current Bachelor's and Master's thesis groups, see www.oulu.fi/ktk/opinnaytetyot

Compulsory

442164A-01: Bachelor's thesis, 8 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

10 credits

Language of instruction:

Finnish/ English

Learning outcomes:

Upon completion of the course,

- the student knows how to formulate a research problem
- the student knows how to compose a research plan on the topic of his/her thesis
- the student can use relevant literature for a theoretical examination of her/his research topic
- the student is familiar with the basics of scientific writing and can use them to write a thesis
- the student prepares a Bachelor's thesis
- the student is able to act as an opponent for another student

Contents:

The course consists of the following:

- preparing a research plan
- conducting research
- writing a research report
- acting as peer opponent and assessor of a thesis
- writing the maturity test
- information skills training at the library

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Seminar sessions 30 h, information skills training at the library 10 – 12 t, and self-study 227 h

Target group:

All the students in the Faculty of Education

Prerequisites and co-requisites:

Basic Studies (25 credits) in Major Subject, Scientific Communication I and Basic courses in qualitative and quantitative research(started)

Recommended optional programme components:

The course is part of the Intermediate Studies in Major Subject

Recommended or required reading:

Hirsjärvi, S., Remes, P. & Sajavaara, P. Tutki ja kirjoita.

APA-opas: <http://cc.oulu.fi/~sarenius/apatyyl/>

Assessment methods and criteria:

Construction and presentation of research plan, writing and presentation of thesis, participation in seminar sessions, acting as a peer opponent, writing of the maturity test
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

0–5

Person responsible:

Minna Sääskilahti and the leaders of seminar groups

Working life cooperation:

None

442164A-02: Seminar, 2 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

442164A-03: Maturity Test, 0 op

Voimassaolo: 01.08.2013 -
Opiskelumuoto: Intermediate Studies
Laji: Partial credit
Vastuuyksikkö: Faculty of Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

442165A: Literature, 4 op

Voimassaolo: 01.08.2005 -
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuyksikkö: Faculty of Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish
Voidaan suorittaa useasti: Kyllä

ECTS Credits:

4 cr

Language of instruction:

Finnish

Timing:

As chosen by the student.

Learning outcomes:

The students gain an understanding of the main issues in an area of special interest, and are able to analyse their significance in the context of early childhood education.

Contents:

Students sit a written exam in one of the following content areas:

442165A-01, 1. Leadership and work communities in early childhood education, 4 credits
 442165A-02, 2. Expertise and professional ethics in early childhood education, 4 credits
 442165A-03, 3. Pedagogical trends in early childhood education, 4 credits
 442165A-04, 4. Child studies, 4 credits
 442165A-05, 5. Family studies, 4cr

Mode of delivery:

Independent work

Learning activities and teaching methods:

Independent work.

Target group:

Early childhood education students

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

1. Leadership and work communities in early childhood education

Ebbeck, M & Waniganayake, M. (2003) Early childhood professionals: leading today and tomorrow.

Nivala, V. (1999) Päiväkodin johtajuus.

Rodd, J. (1998) Leadership in early Childhood: a pathway to professionalism. 2. Ed.

2. Expertise and professional ethics in early childhood education

Jipson, J.A. & Johnson R.T. (eds.) Resistance and Representation. Rethinking Childhood Education. sivut 1 - 123.

Leinonen, E. (ed.) (2005) Opetuksen ja ohjauksen tasa-arvoiset käytännöt - sukupuolen huomioiva opas kasvatuksen arkeen.

Opetusalan eettinen neuvottelukunta & Sarras, R. (eds.) (2002) Etiikka koulun arjessa.

Estola, E. (2003) In the Language of the Mother - Re-Storying the Relational Moral in Teachers' Stories.

3. Pedagogical trends in early childhood education

Bruce, T. (1997) Early childhood education, 2nd ed.

Edwards, C. , Gandini, L. & Forman, G. (eds.) (1998) The hundred languages of children: The Reggio Emilia approach - advanced reflections, 2nd ed.

Starck, M. (1996) Kotkat eivät käytä portaita.

4. Child studies

Davids, Jenny. 2011. The nursery age child. London: Karnac Books.

Kronqvist, E-L. & Kumpulainen, K. 2011. Lapsuuden oppimisympäristöt: eheä polku varhaiskasvatuksesta kouluun

Smidt, Sandra 2008. Introducing Vygotsky. London: Routledge.

5. Family studies

Alasuutari, M. (2010) Suunniteltu lapsuus.

Hafstad, R. & Ovreeide, H. (2001) Föräldrafokuserat arbete med barn.

Ritala-Koskinen, A. (2001) Mikä on lapsen perhe? Tulkintoja lasten uusperhesuhteista.

Tiilikka, A. (2005) Äitien kasvatuskäsityksiä ja arviointeja hyvästä päiväkotikasvatuksesta.

The availability of the literature can be checked [here](#).

Assessment methods and criteria:

Written exam.

Grading:

0 - 5

Person responsible:

Riitta-Liisa Korkeamäki

Working life cooperation:

None

Alternative

442165A-03: Pedagogical Trends in Early Childhood Education, 4 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

4 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year

Learning outcomes:

Student is able to describe and evaluate the main pedagogical trends in early childhood education.

Contents:

Pedagogical trends in early childhood education

Mode of delivery:

Independent work

Learning activities and teaching methods:

Independent work and literature exam

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

Paalasmaa, J. (toim.)2011. Lapsesta käsin: Kasvatuksen ja opetuksen vaihtoehtoja.

Edwards, C. , Gandini, L. & Forman, G. (toim.) 2012. The hundred languages of children: the Reggio Emilia experience in transformation.

Isaacs, B. 2012. Understanding the Montessori Approach: Early Years Education in Practice

Assessment methods and criteria:

Exam

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

Grading:

0-5

Person responsible:

Satu Karjalainen

Working life cooperation:

None

Other information:

None

442165A-04: Child Studies, 4 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

4 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year

Learning outcomes:

The student is able to describe and evaluate the characteristics and theories of child studies in early childhood education

Contents:

Child Studies

Mode of delivery:

Independent work

Learning activities and teaching methods:

Independent work and literature exam

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

Dauids, Jenny. 2011. The nursery age child. London: Karnac Books.

Whitebread, David.2011. Developmental psykology and early childhood education: A Guide for Students and Practitioners.

Smidt, Sandra 2008. Introducing Vygotsky. London: Routledge.

Assessment methods and criteria:

Exam

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

Grading:

0-5

Person responsible:

Eila Estola

Working life cooperation:

None

Other information:

None

442165A-05: Family Studies, 4 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

4 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year

Learning outcomes:

- the student is familiarised with and knows how to apply the theoretical foundations of professional discourse in support of parenthood in early childhood education

- the student is familiar with research on everyday family life and parenthood to understand the contexts of children's growth
- the student is capable of identifying different positions of parenthood, e.g. young parenthood

Contents:

Family studies

Mode of delivery:

Independent work

Learning activities and teaching methods:

Independent work and literature exam

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

Hafstad, R. & Övreeide, H. 2001. Föräldrafokuserat arbete med barn. Stockholm: Liber.

Perhe-elämän paletti. Vanhempana ja puolisona vaihtelevassa arjessa. 2009. Rönkä, A., Malinen, K & Lämsä, T. (toim.) Jyväskylä: PS-kustannus.

Tryggvason, N., Sorbring, E. & Samuelson, G. 2012. Unga föräldrar – identitet, möjligheter och utmaningar. Malmö: Liber.

Assessment methods and criteria:

Exam

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

Grading:

0-5

Person responsible:

Aila Tiilikka

Working life cooperation:

None

Other information:

None

442165A-06: Education through art and culture, 4 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

4 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year

Learning outcomes:

The student knows how to

- name the essential contents of art education in early childhood education
- view and interpret the meaning of art and culture in education and in society
- view art pedagogy as an early childhood educator
- justify the meanings of art education as a part of small child's growth

Contents:

Arts and Culture Education

Mode of delivery:

Independent work

Learning activities and teaching methods:

Independent work and literature exam

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

The course comprises four books, including two compulsory books:

- Taidekasvatus varhaiskasvatuksessa. 2009. Toim. Inkeri Ruokonen, Sinikka Rusanen & Anna-Leena Välimäki. Helsinki: Terveystieteiden tutkimuskeskus (ISBN 978-952-245-138-5) (PDF)
- Elämysten alkupuolilla: lähtökohtia alle 3-vuotiaiden taidekasvatukseen. 2000. [toim.] Seija Karppinen, Arja Puurula, Inkeri Ruokonen

One of the following two books:

- Pääjoki, Tarja 2004. Taide kulttuurisena kohtaamispaikkana taidekasvatuksessa Jyväskylä: Jyväskylän yliopisto (ISBN 951-39-1997-8, PDF)
- Taiteen jälki. Taidepedagogiikan polkuja ja risteyksiä 2011. [toim.] Eeva Anttila. Helsinki: Teatterikorkeakoulu

And one of the following choices:

- Sava, Inkeri. 2007. Katsomme – näemmekö? Luovuudesta, taiteesta ja visuaalisesta kulttuurista. Jyväskylä: PS-Kustannus
- Satu kantaa lasta 2008.[Toim.] Silja Mäki & Pirjo Orvola. Helsinki: Duodecim.
- Louhivuori, J & Paananen, P. & Väkevä, L. (toim.)2009. Musiikkikasvatus. Näkökulmia kasvatukseen, opetukseen ja tutkimukseen. Suomen Musiikkikasvatusseura FISME ry

Registration with the examiner depending on the books chosen as follows:

- Katsomme - Näemmekö? - **Jaakko Moilanen**
- Satu Kantaa Lasta. - **Pirjo Suvilehto**
- Musiikkikasvatus. Näkökulmia kasvatukseen, opetukseen ja tutkimukseen. - **Leena Poikela**

Assessment methods and criteria:

Exam

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

Grading:

0-5

Person responsible:

Moilanen Jaakko, Suvilehto Pirjo, Poikela Leena

Working life cooperation:

None

Other information:

None

442180A: Developmental psychology, 3 op**Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

3 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (autumn)

Learning outcomes:

- the student understands the basic theories of a child's development and learning
- the student knows how to apply knowledge related to development in her/his child observation
- the student understands individual traits in children
- the student is capable of reflecting on her/his own professionalism in relation to an individual child
- the student is familiar with current research on developmental psychology, especially on early years

Contents:

- Main development and learning theories
- Early learning in formal and informal environments
- The child's developmental stages before school age and at preschool and lower primary age
- Supporting the child's development and collaboration with the parents
- Observation of an individual child in different contexts
- Identification of development problems

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures and exercises 24 h

Independent work 90 h

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

Penn, Helen. Understanding early childhood : issues and controversies. Maidenhead : Open University Press, 2005.

Articles

Assessment methods and criteria:Active participation in face-to-face teaching and completion of exercises.
Read more about [assessment criteria](#) at the University of Oulu webpage.**Grading:**

0-5

Person responsible:

nn

Working life cooperation:

None

Other information:

None

442182A: Multiculturalism in early childhood education, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (spring)

Learning outcomes:

- the student can explain the basic concepts of multicultural education
- the student recognizes the need for multicultural education in early childhood education
- the student can define the concept of intercultural competence and is able to relate him/herself and his/her own actions based on that
- the student can recognize the cultural diversity and is able to plan and evaluate pedagogical activities taking into consideration the minority children

Contents:

- concept of culture
- multicultural education
- intercultural competence
- cultural minorities
- language and cultural identity
- immigration policy
- linguistic minorities

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Contact teaching 26 h, independent work 55 h.

Target group:

Early childhood education students

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

Paavola, H. (2007) Monikulttuurisuuskasvatus päiväkodin monikulttuurisessa esiopetusryhmässä. The availability of the literature can be checked [here](#).

Assessment methods and criteria:

Active participation in the course, lecture and literature examination, doing the exercises. Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

0-5

Person responsible:

Asko Pekkarinen

Working life cooperation:

None

Other information:

None

442181A: Special education in early years, 4 op**Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

4 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (spring)

Learning outcomes:

- Having completed the course, the students masters the main concepts related to special education and early years special needs education and the most central literature on the field.
- The student identifies the need for special support and knows where to look for resources to support and face a child and to provide educational rehabilitation for him in cooperation with parents and other parties working with the child.
- A student who has completed the course identifies and is capable of analysing the values on which the views of early years special education are based.

Contents:

- concepts in special education
- special education in early childhood
- special support in early childhood education
- inclusion and related concepts
- family-centred multiple party collaboration

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 10 h, small group sessions 10 h, other teaching 10 h.

Target group:

Early childhood education students

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

Pihlaja, P. 2005. Varhaiskasvatus suomalaisessa päivähoidossa. Kuntaliitto. s. 210.
 Kontu, E. & Suhonen, E. 2006. Erityispedagogiikka ja varhaislapsuus. Gaudeamus

Assessment methods and criteria:

Active participation in face-to-face teaching and visits, learning assignments and lecture and literature exam.

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

Grading:

0-5

Person responsible:

nn

Working life cooperation:

None

Other information:

None

A256902: Professional Studies in Early Childhood Education, 65 - 75 op

Opiskelumuoto: Intermediate Studies

Laji: Study module

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

60 credits

Language of instruction:

Finnish

Timing:

1st and 2nd years

Learning outcomes:

- *knows how to work as a kindergarten/preschool teacher as a pedagogical expert of a small child's growth, development and learning in interaction with children, parents and other cooperation partners.*
- *is capable of independent and theoretical thinking and research work*
- *knows how to apply his/her theoretical knowledge in practical pedagogy and in the development of her/his own and his/her work community's activities in early childhood education*
- *knows how to observe and identify a child's individual needs and take them as starting points to support and assess the child's learning process*
- *understands the meaning of play, movement, exploration, and crafts and arts for a child's balanced growth, development and learning*
- *knows how to integrate the contents of the curriculum into meaningful learning modules*
- *knows how to evaluate early childhood education broadly from the viewpoint of sustainable development, paying attention to the cultural, social, economic and ecological dimensions*
- *identifies the status of early childhood and preprimary education and the challenges faced by them in a changing society*

Contents:

see under each course

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

600 h contact lessons

independent work

see under each course

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

see under each course

Assessment methods and criteria:

Active participation in face-to-face teaching and successful completion of assignments.

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

pass/fail

Person responsible:

Hannele Karikoski

Working life cooperation:

Practice in Preprimary or Primary Education

Pedagogical Practice I

Pedagogical Practice II

Other information:

None

*e1***442401A: Pedagogy of children under 3 years, 3 op****Voimassaolo:** 01.08.2013 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

3 ECTS cr

Language of instruction:

Finnish

Timing:

1st year (spring)

Learning outcomes:

- the student knows how to apply the theory of contextual growth to implement daycare for under-3-year-olds
- the student understands the meaning of sensitivity, commitment and supporting the child's activeness in the education of small children
- the student knows how to support the small child's verbal development and interaction in play and other expressive activities

Contents:

- contexts of the growth and education of under-3-year-olds
- the educator's role in supporting the development and learning of a small child
- verbal development of under-3-year-old children
- drama games in the everyday life of under-3-year-old children

Mode of delivery:

Face-to-face-teaching

Learning activities and teaching methods:

Work in small groups 30 h, Independent work 50 h

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

Kalliala, M. 2009. "Kato mua!" Kohtaako aikuinen lapsen päiväkodissa?
You can check the availability of the course books via [this link](#).

Assessment methods and criteria:

Active participation in small group work and completion of assignments
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

pass/fail

Person responsible:

Satu Karjalainen, Aila Tiilikka, Pirjo Suvilehto

Working life cooperation:

None

Other information:

None

442402A: Children's development and learning processes, 2 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (autumn)

Learning outcomes:

Having completed the course, the student knows how to

- develop his/her abilities to plan, implement and evaluate the child's growth and learning processes in early childhood education
- integrate the contents of early childhood education into meaningful learning modules

Contents:

- theories of planning, implementing and evaluating the growth and learning processes in early childhood
- implementing a project assignment to integrate the contents of early childhood education

Mode of delivery:

Face-to-face-teaching

Learning activities and teaching methods:

Lectures and work in small groups 20h, independent work 33h

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

Heikka, J., Hujala, E. & Turja, L. 2009. Arviinnista opiksi. Havainnointi, arviointi ja suunnittelu varhaispedagogiikassa. Helsinki: Multiprint.

Assessment methods and criteria:

Active participation in lectures and work in small groups, successful completion of the project assignment
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

pass/fail

Person responsible:

Satu Karjalainen

Working life cooperation:

None

Other information:

None

442403A: Preprimary education and transition to school, 2 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (autumn)

Learning outcomes:

- the student identifies the continuum of a child's growth and learning process from early childhood to preprimary and primary education
- the student knows how to plan, implement and assess a child's growth and learning processes in preprimary education
- the student identifies the change in a child's role and growth environment in transition to school and is able to co-operate with the professionals in the child's different growth environments

Contents:

- Preprimary education in theory and practice
- Child's learning process as a continuum from early childhood to preprimary and primary education (1st to 2nd school years)
- A child's transition process in co-operation between the home, preschool and primary school

Mode of delivery:

Face-to-face-teaching

Learning activities and teaching methods:

Lectures and work in small groups 20h, independent work

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

- The preschool curriculum (2010)
- Basic education curriculum (2004), classes 1-2.
- Heikka & Hujala ja Turja.(2009). Arviinnista opiksi. Vantaa: Printel OY
- Kronqvist & Kumpulainen (2011).Lapsuuden oppimisympäristöt. Eheä polku varhaiskasvatuksesta kouluun. Helsinki: WSOYpro OY.

Assessment methods and criteria:

Active participation in face-to-face teaching and completion of the planning assignment
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Hannele Karikoski

Working life cooperation:

None

Other information:

None

442404A: Practical training in primary education, 2 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (spring)

Learning outcomes:

The student

- is familiar with the growth and learning contexts, curricula and teaching and learning materials of 6-8 year-old children, and knows how to use and apply them in her/his educational and teaching tasks
- identifies the continuum of a child's growth and learning process
- knows how to cooperate with a child's home and other cooperation partners

Contents:

- Growth and learning contexts and educational cultures in preprimary and lower primary education, curricula, child's educational curriculum/plan for preprimary or lower primary education and the construction and use of such curricula
- Growth, development and learning of a child aged 6-8
- Preprimary and lower primary teacher as an educator, adviser and teacher

Mode of delivery:

Preprimary or Lower Primary Practice / Practical Training in a Daycare Centre or School

Learning activities and teaching methods:

Practice 50 h, practicum 4h

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

- Core curriculum for preschool education
- Core curriculum for basic education (applicable parts)
- Institute´s curriculum
- Child´s educational curriculum/plan
- Teaching and learning materials

Assessment methods and criteria:

Active participation in practice and keeping a pedagogical diary
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

pass/fail

Person responsible:

Hannele Karikoski

Working life cooperation:

Practice 50 h

Other information:

None

442405A: Word Art and Drama I, 3 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS cr

Language of instruction:

Finnish

Timing:

1st year (autumn)

Learning outcomes:

- The student is developing his/her self-expression and communication skills
- The student is acquainted with different genres and means of expressions in children's theatre
- The student is given tools to direct and apply the educational opportunities of drama in early childhood education.

Contents:

- Genres of children's theatre and the possibilities of drama pedagogy in early childhood education

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

30 h lectures and exercises, independent work

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

To be agreed on at the start of the course

Assessment methods and criteria:

Active participation in contact lessons and independent work
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

pass / fail

Person responsible:

Pirjo Suvilehto

Working life cooperation:

None

Other information:

None

442406A: Word Art and Drama II, 2 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year, (autumn)

Learning outcomes:

- In literary art education, the students are familiarised with the stages, genres and concepts of children's literature.
- The student is given tools to direct and apply the educational opportunities of children's literature and literary art in teaching.
- The student is also familiarised with the therapeutic possibilities of children's literature.

Contents:

Children's literature

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

20 h face-to-face teaching (lectures and exercises) and independent work

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

To be agreed on at the start of the course

Assessment methods and criteria:

Active participation in contact lessons and independent work.

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

Grading:

pass / fail

Person responsible:

Pirjo Suvilehto

Working life cooperation:

None

Other information:

None

442407A: Language and Communication, 3 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (spring)

Learning outcomes:

- The course provides an introduction to the child's verbal development.
- The student is acquainted with methods and processes used in Finland of learning to read and write.
- S/he gets practice in direction, applying his/her knowledge to practical exercises and reporting on the results in writing.

Contents:

The child's verbal development, learning to read and write.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

30 h face-to-face teaching (lectures and exercises) and independent work.

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

To be agreed on at the start of the course

Assessment methods and criteria:

Active participation in face-to-face teaching and independent work
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

pass / fail

Person responsible:

Pirjo Suvilehto

Working life cooperation:

None

Other information:

None

442408A: Music Education I, 2 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS cr

Language of instruction:

Finnish

Timing:

1st year (autumn)

Learning outcomes:

Having completed the course, the student

- knows how to make music at his/her own skill level, singing, performing body percussion, playing percussions and Orff instruments and moving to both instrumental and sung music.
- understands the meaning of the development of his/her own overall expression as part of his/her professional growth
- knows how to plan, use and develop various application areas and musical processes of early childhood music education, e.g. through stories, pictures, movement and drama play
- understands the meaning of music education in supporting the overall personality of children aged 0-8
- knows notes and their longitudes, pauses and most common chords used in children's music
- understands the meaning of early childhood music education in terms of both holistic drama pedagogy and applied music therapy

Contents:

These course includes:

- Music education to support the overall personality of a child aged 0-8
- Listening education
- Singing, playing, music and movement, musical invention and comprehensive integration of the various arts in the planning and implementation of early childhood music education
- The viewpoint of music therapy in early childhood music education

- Musical skills and knowledge as part of a student's professional growth

Mode of delivery:

face-to-face teaching

Learning activities and teaching methods:

Workshops 20 h and independent work

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

- Hongisto-Åberg, M. et. al (2001) Musiikki varhaiskasvatuksessa: käsikirja.
- Ahonen, H. (2000) Musiikki, sanaton kieli: musiikkiterapian perusteet.
- Kurkela, K. (1994) Mielen maisemat ja musiikki: musiikin esittäminen ja luovan asenteen psykodynaamiikka.
- Varhaiskasvatuksen ja esi- ja alkuopetuksen uusimmat valtakunnalliset opetussuunnitelmat. / The most recent national curricula for early childhood and (pre)primary education.
- Louhivuori, J., Paananen, P. & Väkevää, L. (Toim.) 2009. Musiikkikasvatus. Näkökulmia kasvatukseen, opetukseen ja tutkimukseen. Suomen Musiikkikasvatusseura FISME ry. Vaasa. Ykkös-Offset Oy.Osin. *
- Current articles (to be agreed on separately)

Assessment methods and criteria:

Active participation in face-to-face teaching, pedagogical portfolio and independent familiarisation with literature

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

Grading:

pass / fail

Person responsible:

Leena Poikela

Working life cooperation:

None

Other information:

None

442409A: Music Education II, 3 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (spring)

Learning outcomes:

Having completed the course, the student

- knows how to make music at his/her own skill level singing, performing body percussion, playing percussions and Orff instruments and moving to both instrumental and sung music.
- understands the meaning of the development of his overall expression as part of his/her professional growth
- knows how to plan, use and develop the various application areas and musical processes of early childhood music education, e.g. through stories, pictures, movement and drama play
- understands the meaning of music education in supporting the overall personality of children aged 0-8
- knows notes and their longitudes, pauses and most common chords used in children's music
- has familiarised her/himself with the history of music and knows how to apply the music of relevant eras in working methods appropriate for early childhood education
- understands in depth the meaning of early childhood music education in terms of both holistic drama pedagogy and applied music therapy

Contents:

The course includes:

- Music education to support the holistic personality of a child aged 0-8
- Listening education, e.g. genres and history of music
- Singing, playing, music and movement, musical invention and comprehensive integration of the various arts in the planning and implementation of early childhood music education
- The viewpoint of music therapy in early childhood music education
- Musical skills and knowledge as part of a student's professional growth

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Workshops 30 h and independent work

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

- Hongisto-Åberg, M. et. al (2001) Musiikki varhaiskasvatuksessa: käsikirja.
- Ahonen, H. (2000) Musiikki, sanaton kieli: musiikkiterapian perusteet.
- Kurkela, K. (1994) Mielen maisemat ja musiikki: musiikin esittäminen ja luovan asenteen psykodynaamiikka.
- Varhaiskasvatuksen ja esi- ja alkuopetuksen uusimmat valtakunnalliset opetussuunnitelmat.
- Louhivuori, J., Paananen, P. & Väkevä, L. (Toim.) 2009. Musiikkikasvatus. Näkökulmia kasvatukseen, opetukseen ja tutkimukseen. Suomen Musiikkikasvatusseura FISME ry. Vaasa. Ykkös-Offset Oy.Osin.
- Current articles (to be agreed on)

Assessment methods and criteria:

Active participation in face-to-face teaching, pedagogical portfolio, independent familiarisation with literature
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

pass / fail

Person responsible:

Leena Poikela

Working life cooperation:

None

Other information:

None

442410A: Play: Piano or Guitar, 2 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS cr

Language of instruction:

Finnish

Timing:

1st and 2nd years

Learning outcomes:

- Having completed the course, the student knows how to use different styles of accompaniment in practical music making situations.

Contents:

- The student is familiarised with different kinds of notation, real chords, various accompaniment and music styles as well as playing techniques.
- Group sessions include practice in conducting and accompanying group singing as well as group playing.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Contact teaching 20 h (in pairs) and independent study 32 h.

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

Playing materials representing different styles and genres of music, such as textbooks, song books and playing guides by various publishers.

Assessment methods and criteria:

Active participation in music lessons and in a music performance
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

pass/fail

Person responsible:

Maria Mustonen (piano) and Markku Pehkonen (guitar)

Working life cooperation:

None

Other information:

None

442411A: Physical education I, 3 op**Voimassaolo:** 01.08.2013 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

3 ECTS cr

Language of instruction:

Finnish

Timing:

1st year (spring)

Learning outcomes:

- The student knows how to design and implement environments that persuade the pupils to do exercise for differently skilled children aged 0-6 depending on the time of the year

Contents:

- motor development and learning
- main forms of exercises to support the development of a child aged 0-8
- planning, implementation, integration and assessment of physical education as a process, with practice in a peer group

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Small group sessions 30 h and independent work 51 h

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

Numminen, P. (1996) Kuperkeikka varhaiskasvatuksen liikunnan didaktiikkaan.
 Early childhood education plans, physical activity accounted for.
 Early childhood physical activity recommendations.

Assessment methods and criteria:

Active participation in face-to-face teaching and completion of learning assignments.
 Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Susanna Takalo

Working life cooperation:

None

Other information:

None

442412A: Physical education II, 2 op**Voimassaolo:** 01.08.2013 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

2 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (spring)

Learning outcomes:

Knows how to make arrangements for regular target-oriented day-care physical education and supporting family exercise activities.

Contents:

- planning, implementation, integration and assessment of physical education as a process, practising in a child group making use of the child studies observation centre
- student's reflections on him/herself as a PE educator based on literature and Pedagogical Practice I

Mode of delivery:

face-to-face teaching

Learning activities and teaching methods:

Small group sessions 20 h and independent work 34 h

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

Numminen, P. (1996) Kuperkeikka varhaiskasvatuksen liikunnan didaktiikkaan.

Numminen P. (2005) Avaa ovi lapsen maailmaan.

Sääkslahti A. (2002). Liikunta varhaiskasvatuksessa. Teoksessa Heikinaro-Johansson P., Huovinen T. & Kytökorpi L. (toim.) Näkökulmia liikuntapedagogiikkaan.

Pönkkö A. & Sääkslahti A. (2012) Liikkuva Lapsi. Teoksessa Hujala E. & Turja L. Varhaiskasvatuksen käsikirja.

Zimmer, R. (2002) Liikuntakasvatuksen käsikirja: didaktis-metodisia perusteita ja käytännön ideoita.

Other literature as agreed.

Assessment methods and criteria:

Active participation in face-to-face teaching and completion of learning assignments.

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

Grading:

Pass/fail

Person responsible:

Susanna Takalo

Working life cooperation:

None

Other information:

None

442413A: Art Education I, 3 op**Voimassaolo:** 01.08.2013 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

3 ECTS cr

Language of instruction:

Finnish

Timing:

1st year (spring)

Learning outcomes:

Student is able to

- plan, implement and develop visual art education in kindergarden, preschool and primary education
- apply working, data acquisition, research, interpretation and assessment skills that are common to visual arts education
- apply integrated visual arts education in early childhood education
- assess the visual art education of the early childhood education and preschool curriculums

Contents:

- techniques and materials of visual creating and forming
- narrative as research method in visual arts
- themes of art history

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Exercises 30 h and independent work 51 h.

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

- Salminen, Antero (2005) Pääjalkainen : kuva ja havainto. (toim.) Inkeri Koskinen.
- Rusanen, Sinikka (2007) Taidekasvattajaksi varhaiskasvatukseen : kuvataiteen opintojen kehittäminen lastentarhanopettajien koulutuksessa.
- Materials handed out in the course

Assessment methods and criteria:Active participation in face-to-face teaching and completion of exercises.
Read more about [assessment criteria](#) at the University of Oulu webpage.**Grading:**

Pass/fail

Person responsible:

Jaakko Moilanen

Working life cooperation:

None

Other information:

None

442414A: Visual Arts and art education II, 2 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (spring)

Learning outcomes:

Student is able to

- plan, implement and develop visual art education in kindergarden, preschool and primary education
- apply working, data acquisition, research, interpretation and assessment skills that are common to visual arts education
- apply integrated visual arts education in early childhood education
- assess the visual art education of the early childhood education and preschool curriculums

Contents:

- methods of media education and environmental and community art
- aesthetics, conceptions of art and experience as research objects

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Exercises 20 h and independent work 34 h.

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

- Salminen, Antero (2005) Pääjalkainen : kuva ja havainto. (toim.) Inkeri Koskinen.
- Rusanen, Sinikka (2007) Taidekasvattajaksi varhaiskasvatukseen : kuvataiteen opintojen kehittäminen lastentarhanopettajien koulutuksessa.
- Materials handed out in the course

Assessment methods and criteria:

Active participation in face-to-face teaching and completion of exercises.
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Jaakko Moilanen

Working life cooperation:

None

Other information:

None

442415A: Handicrafts I, 2 op**Voimassaolo:** 01.08.2013 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

2 ECTS cr

Language of instruction:

Finnish

Timing:

1st year (spring)

Learning outcomes:

Student

- knows how to plan, implement and develop handicrafts in the day care centre and in preprimary and primary education
- knows how to apply working and assessment methods appropriate for handicrafts
- knows how to use research knowledge on early childhood education and craftsmanship in her or his activities
- knows how to apply crafts education in an integrative manner in early childhood education
- knows how to assess and apply to her/his activities crafts education in the early childhood and preprimary education curricula.

Contents:

- introduction to the concepts of crafts processes, applicable methods, working methods and materials

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Exercises 20 h and independent work 34 h.

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

Karppinen, S., Puurula, A. & Ruokonen, I. (2001) Taiteen ja leikin lumous: 4 – 8-vuotiaiden lasten taito- ja taidekasvatus. Soveltuvin osin. / Applicable parts.

Karppinen, S. Puurula, A. & Ruokonen, I. (2000) Elämysten alkupuolilla: Lähtökohtia alle 3-vuotiaiden taidekasvatukseen. Soveltuvin osin. / Applicable parts.

1. Ruokonen, S. Rusanen & A.-L. Välimäki (toim.) 2009. Taidekasvatus varhaiskasvatuksessa. Iloa, ihmettelyä ja tekemistä. Helsinki: Yliopistopaino. Inkeri Ruokon Välimäki (toi

Yliverronen, V., Rönkkö, M-L. & Korhonen, R. 2010. Käsiyö kuuluu varhaiskasvatukseen. Teoksessa R. Korhonen, M-L. Rönkkö & J-A. Aerila (toim.) Pienet oppimassa. Kasvatuksellisia näkökulmia varhaiskasvatukseen ja esiopetukseen. Turku: Uniprint.
Articles as agreed.

Assessment methods and criteria:

Active participation in face-to-face teaching and completion of exercises.
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Marjut Sarkkinen

Working life cooperation:

None

Other information:

None

442416A: Handicrafts II, 2 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (autumn)

Learning outcomes:

Student

- knows how to plan, implement and develop handicrafts in day care centres and in preprimary and primary education
- knows how to apply working and assessment methods appropriate for handicrafts
- knows how to use research knowledge on early childhood education and craftsmanship in her or his activities
- knows how to apply crafts education in an integrative manner in early childhood education

Student

- knows how to plan, implement and develop handicrafts in day care centres and in preprimary and primary education
- knows how to apply working and assessment methods appropriate for handicrafts
- knows how to use research knowledge on early childhood education and craftsmanship in her or his activities
- knows how to apply crafts education in an integrative manner in early childhood education
- knows how to assess and apply to her/his activities crafts education in the early childhood and preprimary education curricula.

Contents:

- use of the skills of the hand and design materials and relevant handicraft methods in a context appropriate for children's handicrafts

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Exercises 20 h and independent work 34 h.

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

Karppinen, S., Puurula, A. & Ruokonen, I. (2001) Taiteen ja leikin lumous: 4 – 8-vuotiaiden lasten taito- ja taidekasvatus. Soveltuvin osin. / Applicable parts.

Karppinen, S. Puurula, A. & Ruokonen, I. (2000) Elämysten alkupoluilla: Lähtökohtia alle 3- vuotiaiden taidekasvatukseen. Soveltuvin osin. / Applicable parts.

I.Ruokonen, S. Rusanen & A.-L. Välimäki. 2009. Taidekasvatus varhaiskasvatuksessa. Iloa, ihmettelyä ja tekemistä. Helsinki: Yliopistopaino. Inkeri Ru Välimäki (toim.)

Yliverronen, V., Rönkkö, M-L. & Korhonen, R. 2010. Käsiyö kuuluu varhaiskasvatukseen. Teoksessa R. Korhonen, M-L. Rönkkö & J-A. Aerila (toim.) Pienet oppimassa. Kasvatuksellisia näkökulmia varhaiskasvatukseen ja esiopetukseen. Turku: Uniprint.

Articles as agreed.

Assessment methods and criteria:

Active participation in face-to-face teaching and completion of exercises.
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Marjut Sarkkinen

Working life cooperation:

None

Other information:

None

442417A: Handicrafts III, 1 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

1 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (spring)

Learning outcomes:

Having completed the course, the student knows how to

- use the most common technical work machines, equipment and hand tools that are needed to work on materials appropriate for day care centres and preprimary and primary education.
- design, implement and assess small-scale projects on particular themes in daycare centres and in preprimary and primary education.

Contents:

- skills of the hand and design materials and relevant handicraft methods in a context appropriate for children's handicrafts

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Small group sessions 10 h and independent work 17 h

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

Literature to be agreed on at the start of the course.

Assessment methods and criteria:

Active participation in face-to-face teaching and completion of exercises.
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Juha-Matti Turpeinen

Working life cooperation:

None

Other information:

None

442418A: Environmental education, 2 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (autumn)

Learning outcomes:

- opiskelija osaa määritellä omaa ympäristösuhdettaan sekä kykenee refleктоimaan ja arvioimaan sitä

- opiskelija soveltaa kokonaisvaltaisen ympäristökasvatuksen tavoitteita ja menetelmiä lapsen positiivisen ja kestävästä kehitystä tukevan ympäristösuhteen tukemiseksi varhaiskasvatuksessa

Contents:

- the model of holistic environmental education; environmental values, personal environmental meanings, responsible action
- objectives of environmental education: social, cultural, ecological and economic sustainability in the activities of children below school age
- the child as an environmental actor in the built and ecological environment of his/her own sphere of life

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures and work in small groups 20 h

Independent work 34 h

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

Luomi, A., Paananen, P., Viberg, P. & Virta, L. 2010. Keke päiväkodissa. Pääkaupunkiseudun kierrätyskeskus. Helsinki.

Assessment methods and criteria:

Active participation in lectures and small group sessions

Completion of assignments

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

Grading:

pass / fail

Person responsible:

Aila Tiilikka

Working life cooperation:

None

Other information:

None

442419A: Mathematics and Science Education, 3 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (autumn)

Learning outcomes:

After the course the student will be able to:

- explain learning theories related to mathematics and science education
- describe what child-centered mathematics and science education is about and apply this knowledge when working with children
- explain the following ECE mathematics contents:
 - sorting, patterning and classifying,
 - concept of number,
 - geometry, measurement and spatial thinking and
 - apply this knowledge when working with children
 - explain the concepts of science education through experimenting, conceiving, conception emphasizing, thoughtful and dialogical approaches
 - explain most common natural phenomena and apply what s/he has learnt when working with a child group

Contents:

- The course contains science and mathematics education contents in early childhood education and the child as an inquirer. In this course the students are also familiarised to teaching and the use of manipulatives and other learning aids in early childhood context.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

6 h lectures, 20 h small group work, 4 h making the science day for children, 50 h self study

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

To be agreed on at the start of the course

Assessment methods and criteria:

Making study work book, planning and organising a science day for children
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

pass / fail

Person responsible:

Anne Pellikka, Vesa-Matti Sarenius

Working life cooperation:

None

Other information:

None

442420A: Ethics and religious education, 2 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS cr

Language of instruction:

English

Timing:

1st year (spring)

Learning outcomes:

- The student is capable of educational planning, implementation and assessment required by and related to the orientation to religious and ethical education in early childhood education.
- The student knows how to apply and develop the professional competencies required by the goals of orientation to religious and ethical education.

Contents:

1. Introduction; course structure and requirements. Outlines of ethical and religious education in early childhood education
2. Religious and ethical orientation in early childhood education
3. Learning environment in religious and ethical education.
4. Child and spirituality
5. Ethicality and ethical growth as a challenge of religious and ethical education.
6. Multicultural, intercultural and global aspects in ethical and religious education in early childhood education.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 8 h, small group teaching 14 h and independent work 48 h

Target group:

Students in the Early Childhood Education Programme

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

Varhaiskasvatuksen uskontokasvatus (2001) J. Salminen (toim.) Vantaan täydennyskoulutuslaitos, Helsinki : Helsingin yliopisto, opettajankoulutuslaitos. 199 sivua. 40 pages per a group of five students

Halme L (2010) Lapsen parhaaksi: uskontokasvatus kokonaisvaltaisen ihmiskuvan valossa. Lasten keskus. Helsinki.

Kokonaisvaltainen kasvatus, lapsi ja uskonto (2010) M. Ubani & A. Kallioniemi & J. Luodeslampi. Lasten Keskus. Helsinki. 40 pages per a group of six students.

Kulttuurinen moninaisuus päiväkodissa ja koulussa (2010) H. Paavola & M.-T. Talib. PS-kustannus. Jyväskylä.

Tamm Maare (2002) Lapsen ja nuoren uskonnollinen maailma. Lasten Keskus. Helsinki.

Reconstructing religious, spiritual and moral education (2000) Clive Erricker & Jane Erricker. London : Routledge. New York.

Erricker C & Erricker J (2000) The Children and Worldviews Project: A Narrative Pedagogy If Religious Education. In Pedagogies of Religious Education. Case Studies in the Research and Development of Good Pedagic Practice in RE (2000) M. Grimmitt (ed.) . Mc Crimmons. Great Wakening, Essex. 188-206.

Assessment methods and criteria:

Active participation in face-to-face teaching and completion of exercises, revision test based on lectures, literature and other learning materials

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

Grading:

pass/fail

Person responsible:

Markku Salakka

Working life cooperation:

None

Other information:

None

442421A: Pedagogical practise I, 7 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Practical training

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

7 ECTS cr

Language of instruction:

Finnish

Timing:

2nd year (autumn)

Learning outcomes:

- student knows how to apply theories, curricula and other documents related to early childhood education to practical early childhood education activities in a kindergarten
- student knows how to plan, implement and evaluate pedagogical activities for small groups of children aged 0-6 years on the basis of child observation and documentation
- student knows how to define his/her own learning objectives and reflect on them on the basis of a learning diary.

Contents:

- observation of children at both group and individual levels
- familiarisation with the observation and planning of educational environments and activities
- working in a goal-oriented and comprehensive manner using various educational, learning and guidance methods
- evaluation of educational activity and student's own learning based on documentation
- familiarisation with and, if possible, participation in the educational and development activities of the kindergarten

Mode of delivery:

Kindergarten work 175 h

Practice, group supervision 6 h

Independent work 8 h

Learning activities and teaching methods:

Supervised practice in a kindergarten

Target group:

Early childhood education students

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

None

Assessment methods and criteria:

Assessment is based on the student's self-assessment, and on assessment by the supervising teachers in the kindergarten and in the early childhood education programme. The teaching practice period is assessed based on the working plan and the goals set for the practice period. The goals set by the students for themselves, their work plans and work in general are defined in more detail and evaluated in regular supervision meetings based on the documentation made by the students, among other things. The student must actively participate in the assessment of his/her work and learning. The student writes a pedagogical diary during the practice period.

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

Grading:

pass/conditional/fail

Person responsible:

Satu Karjalainen

Working life cooperation:

Kindergarten work 175 h

Other information:

None

442422A: Pedagogical practise II, 7 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Practical training

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

7 ECTS cr

Language of instruction:

Finnish

Timing:

3rd year (spring)

Learning outcomes:

- student knows how to analyse and develop her/his own learning goals in kindergarten teaching on the basis of the preceding Pedagogical Practice I module
- student knows how to function comprehensively, responsibly, and in a goal-oriented manner in the role of a kindergarten teacher
- student knows how to develop her/his own professional identity through her/his learning process
- student is able to evaluate his/her work and its theoretical basis from the viewpoint of an inquiring teacher

Contents:

- taking comprehensive care of the duties of a kindergarten teacher using different educational, learning and guidance methods
- participating in the educational community of the kindergarten and in the kindergarten's external co-operation
- developing one's own identity as a kindergarten teacher

- evaluating one's own learning process based on a pedagogical diary

Mode of delivery:

Kindergarten work 150 h

Practice, group supervision 6 h

Independent work 33 h

Learning activities and teaching methods:

Supervised practice in a kindergarten

Target group:

Early childhood education students

Prerequisites and co-requisites:

Successful completion of Pedagogical Practice I

Recommended optional programme components:

Part of the study module A256902 Professional Studies in Early Childhood Education and Preprimary Education

Recommended or required reading:

None

Assessment methods and criteria:

Assessment is based on the student's self-assessment, and on assessment by the supervising teachers in the kindergarten and in the early childhood education programme. The teaching practice period is evaluated based on the working plan and the goals set for the practice period. The goals set by the students for themselves, their work plans and work in general are defined in more detail and evaluated in regular supervision meetings based on the documentation made by the students, among other things. The student must actively participate in the evaluation of his/her work and learning. The student writes a pedagogical diary during the practice period.

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

Grading:

pass/to be supplemented/fail

Person responsible:

Aila Tiilikka

Working life cooperation:

Kindergarten work 160 h

Other information:

None

A200090: Other Studies, 0 - 25 op

Opiskelumuoto: Other Studies

Laji: Study module

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

Ei opintojaksokuvauksia.

Electives

900071Y: Scientific Communication II, 2 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Language Centre

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay900071Y Scientific Communication II (OPEN UNI) 2.0 op

Proficiency level:

-

Status:

According to the old curriculum 2012 - 2013: This course unit is compulsory for all students undertaking a Master's degree in Subject Teacher Education, Primary Teacher Education, Technology Oriented Teacher Education, Creative Arts Oriented Teacher Education and Music Education. If a student of Education has included a Speech Communication course unit in his/her Bachelor's Degree, he/she must include this course unit in his/her Master's Degree.

According to the new curriculum 2013 - 2014: This course is optional.

Required proficiency level:

-

ECTS Credits:

2 ECTS credits

Language of instruction:

Finnish

Timing:

4th or 5th year of studies

Learning outcomes:

Upon completion of the course unit the student should have a more in-depth understanding of scientific communication, especially scientific writing. He/she should be able to produce scientific text fitting for an MA thesis. The student should also be able to analyse and interpret the special field-specific conventions of scientific writing.

Contents:

The distinctive features of an MA thesis as a form of scientific communication. Writing as a process. Analysis of texts written for various scientific purposes. Popularised scientific discourse.

Mode of delivery:

contact teaching

Learning activities and teaching methods:

Contact lessons and independent group work 16 h. Independent study ca. 34 h.

Target group:

Students of master's degree of the Faculty of Education

Prerequisites and co-requisites:

-

Recommended optional programme components:

-

Recommended or required reading:

the material in the Optima learning environment

Kinnunen, M. & Löytty, O. (2002). Tieteellinen kirjoittaminen. Tampere: Vastapaino.

Kniivilä, S., Lindblom-Yläne, S. & Mäntynen, A. (2007). Tiede ja teksti. Tehoa ja taitoa tutkielman kirjoittamiseen. Helsinki: WSOY.

Viskari, S. (2002). Tieteellisen kirjoittamisen perusteet. Opas kirjoittamiseen ja seminaarityöskentelyyn. Tampere: Tampereen Yliopistopaino Oy.

Assessment methods and criteria:

Active participation in teaching, independent study and completion of given assignments.

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

Grading:

pass / fail

Person responsible:

See the Languages and Communication webpages for contact teachers.

Working life cooperation:

-

Other information:

-

410018Y: Professional growth, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 cr

Language of instruction:

Finnish

Timing:

Masters level (autumn)

Learning outcomes:

The students

- identify their competence from the perspective of working life.
- construct their professional identity together with other students
- strengthen their self-knowledge
- learn about the teaching profession and obtain the tools that are necessary for coping in daily work life
- familiarize themselves with other professions in the field of education and with working life in general
- know how to find employment and are encouraged to enter working life.

Contents:

- self-knowledge and ways to support it
- identifying one's own skills
- opportunities in education and working life (thesis, minor subjects, jobs, etc.)
- the teaching profession
- transitional elements in working life (skills, employment, coping)
- building a professional identity

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Small-group work, seminars, visiting lecturers.

Target group:

Master-level primary teacher students (especially the broadly-based and creative arts groups), music education students and early childhood education students

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the Master-level language, communication and orientation studies, mutually optional with "Knowledge work as a pedagogical challenge" and "Philosophy of science".

Recommended or required reading:

To be announced at the start of the course

Assessment methods and criteria:

Active participation, completion of assignments

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

Grading:

Pass/fail

Person responsible:

Katja Holtinkoski (primary teacher education programmes)

Paula Loukkola (early childhood education programme)

Working life cooperation:

None

Other information:

The course is organised as allowed by resources.

405021Y: Knowledge Work as a Pedagogical Challenge, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

Students familiarize themselves with the pedagogical and technological challenges imposed by the knowledge society, and learn to understand the research-based pedagogical principles underlying the pedagogical use of ICT. Students enhance their capacity to function as teachers/educators in a technology-based environment in an information society based on knowledge work.

Contents:

- familiarization with the phenomena of information society and knowledge work
- the challenges of learning and teaching in the information society
- digital natives, social media, mobile learning, u-learning and other phenomena of the information society and their influence on teaching arrangements and learning as a whole
- social discussion on the theme and its connections with, for instance, curriculum work

Mode of delivery:

Three face-to-face meetings and work in a wiki environment

Learning activities and teaching methods:

Lectures 4h, web-based work 10h, seminar 6h, independent study.

- Lecture
- Group discussion after the lecture
- Independent work and writing a summary article based on literature
- Group discussion on the results of independent work
- Knowledge construction by the group in a wiki environment
- Presentation of wiki articles.

Target group:

Primary teacher students (apart from ITE-students), music education students, early childhood education students

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the Master-level language, communication and orientation studies, mutually optional with "Professional growth" and "Philosophy of science".

Content connected with the following courses:

- 410014Y Information and communication technology as a pedagogical tool
- 410017Y Multimedia as a learning project
- 410068P Didactics
- 407027A Guidance of learning, planning and assessment of teaching

Recommended or required reading:

- Literature (international peer-reviewed articles, Finnish peer-reviewed articles, book chapters, reports, presentations) divided into themes a) teaching, b) information society, c) knowledge work, available on the course wiki
- Lecture materials on the wiki and on SlideShare
- Abstract of the students' articles and their essays are stored on the wiki.

Assessment methods and criteria:

- Active participation in face-to-face meetings
- Summarising an article/articles as independent work
- Composition of a wiki article based on article summaries in a group

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

Grading:

Pass/fail

Person responsible:

Jari Laru

Working life cooperation:

None

Other information:

<https://wiki oulu.fi/display/ktkvtv/Etusivu>

410015Y: Philosophy of science, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 cr

Language of instruction:

Finnish

Timing:

Master's level

Learning outcomes:

After completion, the student

- will be knowledgeable of the core factions and traditions in the philosophy of science and scientific research
- understands the special nature of scientific work and the role of education as one of the sciences.
- is able to justify, philosophically, the different alternatives in scientific research.

Contents:

The following topics are covered:

- overview of the history of philosophy
- introduction to philosophical thought
- different classes in philosophical science

Mode of delivery:

Face-to-face or web-based teaching

Learning activities and teaching methods:

Note: Student in VAKA and MUKO complete this course online. See http://cc.oulu.fi/~epikkara/opetus/tf/jtf_1.htm for further information.

KAKO: book exam.

In English see <http://cc.oulu.fi/~epikkara/opetus/philsci.htm>

Target group:

All students in the faculty

Prerequisites and co-requisites:

None

Recommended optional programme components:

Part of the Master's level language, communication and orientation studies, mutually optional with "Professional growth" and "Knowledge work as a pedagogical challenge" (for primary teacher, music teacher and early childhood education students)

Recommended or required reading:

Kiikeri, M. (2004) Tiede tutkimuskohteena. Filosofinen johdatus tieteen tutkimukseen.

Raatikainen, P. (2004) Ihmistieteet ja filosofia.

You can check for the availability of course books [here](#).

Assessment methods and criteria:

Book exam or online course. In the case of the online course, either an online exam and essay.

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

Grading:

Pass/fail

Person responsible:

By programme:

- Ari Kivelä (KAKO)
- Eetu Pikkarainen (VAKA, MUKA, LUKO)

Working life cooperation:

None

Other information:

Education students: The course is compulsory if it was not already completed in the Bachelor's programme. If it was completed, another optional communications/orientation studies course that was not taken at the Bachelor's level must be taken in its place.

404012A: Crazy about Felting, 2 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

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.

404009S: Pedagogical Challenges of Knowledge Work, 4 op**Voimassaolo:** 01.08.2013 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

4 ECTS cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

Upon completion of the course, the student knows how to

- draw simple technical drawings with 3D design software,
- machine small components with CNC milling machine and
- apply CAD/CAM system in teaching of technical work and technology in primary school level.

Contents:

Technical drawing, 3D design and CAD/CAM system.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 10 h/ Small group teaching 30 h/ Self-study 68 h

Target group:

Primary teacher students / All the students in the Faculty of Education

Prerequisites and co-requisites:

None

Recommended optional programme components:

- 406040A Craft, technical work and technology (6 cr)
- A255902 Craft, technical work, technology (25 cr)

Recommended or required reading:

To be agreed on at the beginning of the course

Assessment methods and criteria:Active participation in contact teaching, carrying out practical exercises and textual outputs. Read more about [assessment criteria](#) at the University of Oulu webpage.**Grading:**

Pass/ fail

Person responsible:

Jaakko Nykänen

Working life cooperation:

None

407033A: Science Culture and Technology, 2 op**Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS cr

Language of instruction:

Finnish

Timing:

5th year, spring term

Learning outcomes:

Upon completion of the course, the student knows how to...

- Students are able to introduce a scientific world picture of the key criteria.
- Students develop understanding of the importance of math and science and technological knowledge, as well as the functioning of these disciplines interact.
- Students planning to practice in the above-mentioned subjects own teaching .

Contents:

- Natural Sciences structures
- Department of Mathematics and Physics, central theories
- The temporary topics of science and technology sectors and its applications

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 10 h/ Small group teaching 10 h/ Self-study 34 h

Target group:

Technology Oriented Primary Teacher Education

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

To be agreed on at the beginning of the course

Assessment methods and criteria:

Active participation in contact teaching, completion of assignments and multimedia report
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/ fail

Person responsible:

Juha-Matti Turpeinen

Working life cooperation:

None

408019S: Basics of educational administration, 2 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 cr

Language of instruction:

Finnish

Timing:

4th or 5th year

Learning outcomes:

Upon completion of the study module, the student

- knows the main acts and decrees governing educational administration as well as their contents
- knows how to apply educational administration legislation into practice at their own level of education
- knows how to use the Finlex software.

Contents:

The course aims to give the student a mastery of the basic legislation governing school administration and teaching as well as work as a civil servant in public administration. In addition, the student will gain an understanding of her/his rights in the teaching profession and knows how to seek for more information if necessary. During the course, the student is introduced to the administration system and work as a civil servant within the framework of the duties and functional possibilities set by current legislation and standards.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures and exam 16 h, small-group work and an assignment 4 h.

Target group:

Primary teacher students, early childhood education students

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

To be announced at the start of the course

Assessment methods and criteria:

Face-to-face teaching and individual tasks if any

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

pass/fail

Person responsible:

Leena Syrjälä

Working life cooperation:

None

404008S: Robotics Applications, 4 op**Voimassaolo:** 01.08.2013 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

4 ECTS cr

Language of instruction:

Finnish

Timing:

5th year, spring term

Learning outcomes:

Upon completion of the course, the student knows how to

- combine robotics building kits and component-based learning environments in robotics teaching in primary school level,
- apply different programming languages in different situations depending on theme and
- design and organize a robotics club in primary school level.

Contents:

Robotics building kit, component-based learning environment, programming language and robotics club in school.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 10 h/ Small group teaching 30 h/ Self-study 68 h

Target group:

Primary teacher students / All the students in the Faculty of Education

Prerequisites and co-requisites:

None

Recommended optional programme components:

- 406040A Craft, technical work and technology (6 cr)
- A255902 Craft, technical work, technology (25 cr)
- 408052S Programmable Logics and Logical Reasoning (4 cr)

Recommended or required reading:

To be agreed on at the beginning of the course

Assessment methods and criteria:Active participation in contact teaching, carrying out practical exercises and textual outputs. Read more about [assessment criteria](#) at the University of Oulu webpage.**Grading:**

Pass/ fail

Person responsible:

Jaakko Nykänen

Working life cooperation:

None

406037A: Optional Studies in Art and Practical Education, 2 - 6 op**Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Voidaan suorittaa useasti:** Kyllä**ECTS Credits:**

1 - 6 credits

Language of instruction:

English

Contents:

Optional studies consist of art and practical studies or integrating thematic units. Optional studies and their completion are announced separately at the beginning of each term. The extent of optional studies is 2.0 points (1.5 cr.), and the amount of contact teaching is 14 h/ point.

Recommended or required reading:

Literature (in English) introduced by the lecturers at the beginning of the course.

Assessment methods and criteria:

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

Grading:

Pass/fail

Person responsible:

Marja Ervasti

Other information:

Optional courses are not compulsory, if the amount of achieved points within Art and Practical Education otherwise exceeds 30.

410050Y: Educational research and information seeking systems I, 1 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

1 ECTS credit

Language of instruction:

Finnish/English

Timing:

During periods I, II, III & IV

Learning outcomes:

Upon completion of the course, the student will be able to search scientific information. The student will be able to use most important databases of the discipline and evaluate different information sources.

Contents:

- Transforming information need to search terms
- Most important datebases of the discipline
- Search process: search techniques & analysing search results
- Using reference management software

Mode of delivery:

Face-to-face teaching or web-based teaching

Learning activities and teaching methods:

Several methods: lectures or web-based teaching, self study

Target group:

Major students of the faculty of education

Prerequisites and co-requisites:

None

Recommended optional programme components:

Recommended to take the course at the beginning of proseminar

Recommended or required reading:

None

Assessment methods and criteria:

Participation in classroom teaching and successful completion of the course assignments
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Information specialist at the Pegasus Library

Working life cooperation:

None

Other information:

Web pages: <http://www.oulu.fi/library/node/10695>

410051Y: Educational research and information seeking systems II, 1 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

1 ECTS credit

Language of instruction:

Finnish/English

Timing:

During periods II & IV

Learning outcomes:

Upon completion of the course, the student will deepen his information searching skills. The student can search scientific information for his thesis. Furthermore, he uses evaluation tools to estimate the quality of scientific information and he understands the principles of scientific publishing. The student uses different features of the reference management software.

Contents:

- principles of informations search
- most important databases of the discipline
- different search techniques
- the central publication and information channels of the field
- saving searches in the databases
- keeping the track of new information using alert services offered by the databases
- the evaluation of scientific information
- RefWorks- bibliographic management program

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures, self study

Target group:

Major students of the faculty of education

Prerequisites and co-requisites:

None

Recommended optional programme components:

Recommended to take the course at the beginning of pro gradu seminar

Recommended or required reading:

None

Assessment methods and criteria:

Participation in classroom teaching and successful completion of the course assignments
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Information specialist at the Pegasus Library

Working life cooperation:

None

Other information:

Web pages: <http://www oulu.fi/library/node/10695>

407050A: Open Textbook Project, mathematics, 3 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 cr

Language of instruction:

Finnish

Timing:

Autumn Semester

Learning outcomes:

After successfully passing this course the student:

- can analyse the mathematics part of the National Core Curriculum of Primary Education of the chosen yeargroups
- can analyse mathematics textbooks and other related material
- can make based on the analyses above a part of a mathematics textbook and/or other material
- can describe the use of an electronic textbook and solve problems, which might occur when using an electronic textbook

Contents:

Based on the number of students in the course a mathematics textbook or many textbooks are made. The year group for the textbook is told later. The book is published using the open CC-BY-license.

Mode of delivery:

Contact teaching, project teaching face-to-face, web-based teaching and self study

Learning activities and teaching methods:

Contact teaching: 2h

Project teaching face-to-face, web-based teaching and self study: 72h

Target group:

Primary teacher education students

Prerequisites and co-requisites:

Mathematics Education, parts I and II

Recommended optional programme components:

Mathematics Education, parts I and II

Recommended or required reading:

To be told in the beginning of the course

Assessment methods and criteria:

Making an open mathematics textbook, group work, continuous assessment, peer assessment
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass/fail

Person responsible:

Vesa-Matti Sarenius

Working life cooperation:

None

392356S: National culture and globalisation, 5 op

Voimassaolo: 01.08.2005 - 31.07.2013

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.