

# Opasraportti

## Intercultural Teacher Education (2013 - 2014)

### Intercultural Teacher Education

Degree programme in Intercultural Teacher Education responds to the challenges posed by multiculturalism in the Finnish educational system and provides competences for international tasks in the field of education. The programme qualifies the student as a primary teacher. The main language in this programme is English. It trains students for international educational tasks, and it also provides the qualification of a teacher.

The flexibility of the programme enables specialisation in many kinds of tasks. Teaching of multicultural classes, project management and administration, international consultation, educational policy and administration, and participation in multidisciplinary research projects are just a few examples of such tasks. Similarly to the other teacher education programmes, the education includes studies in education and the various subjects taught at schools as well as teaching practice, part of which can be carried out abroad.

#### Learning Outcomes (BA):

- Student is capable of discussing the nature of pedagogical action and the applicability of the pedagogical theory.
- Student is able to discuss the assessment and evaluation of learning and recognizes learning as a life-long process.
- Student can explicate his/her understanding of the subject knowledge of various subjects to the pupils.
- Student can examine the special educational needs of pupils.
- Student is able to adapt his/her behavior and action in different educational and teaching situations.
- Student shows responsibility, empathy and tact in educational situations.
- Student is able to participate in planning and evaluation tasks in education.
- Students are able to assess the diverse needs of students within complex and changing societies and identify appropriate strategies to meet those needs.
- Students are able to identify, compare and evaluate educational trends in intercultural and global education.
- Students are able to carry out research tasks, and produce academic texts in English and Finnish (special conditions apply to non-Finnish speaking students).

#### Learning Outcomes (MA):

- Student is able to take responsibility for his/her actions and support the learners' self-efficacy.
- Student is capable of working in a multi-professional environment.
- Student knows how to analyse and explain theoretical knowledge on education and teaching.
- Student shows empathy, ethicalness and pedagogical tact and knows how to assess his/her actions in varying situations.
- Student knows how to plan research-based teaching.

- Student is able to participate in development and evaluation tasks in education.
- Student is capable of knowledge generalization, is able to design and invent theoretical knowledge, and apply it to teaching.
- Students are able to exercise socially responsible and ethically sustainable leadership in the field of intercultural, development and global education.
- Students are able to conduct and utilize research creatively as a basis for teaching, learning, curriculum design and assessment in complex and diverse education environments in local and global contexts.
- Students are able to examine the constantly changing nature of education and society, recognizing professional development as a collaborative process of lifelong and lifewide learning.

## Tutkintorakenteet

### Intercultural Teacher Education, Bachelor's Degree

Tutkintorakenteen tila: archived

Lukuvuosi: 2013-14

Lukuvuoden alkamispäivämäärä: 01.08.2013

#### Orientation studies (8 ECTS cr)

405511Y: ICONS, 7 op

405023Y: Orientation to studies, 1 op

#### Language and communication studies (7 ECTS cr)

900077Y: Oral and Written Communication, 2 op

405507Y: Professional English, 3 op

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

#### Basic Studies in Education (25 ECTS cr)

A250508: Basic Studies in Education, 25 op

##### *Compulsory*

407501P: Defining Education, 4 op

407502P: Human Development, 4 op

407503P: Society and Educational Institutions, 4 op

407504P: Learning Theories and Teaching, 4 op

407505P: Educational Philosophy and Ethics, 4 op

407508P: Seminar I: Teaching, Learning, Pedagogical Relationship, 3 op

407516P: School Experience I: Orientation, 2 op

#### Intermediate Studies in Education (45 ECTS cr)

A250509: Intermediate Studies in Education, 50 op

##### *Intermediate Studies include the following mandatory courses:*

407525A: Comparative Education, 8 op

##### *Compulsory*

407525A-01: Comparative Education I, 4 op

- 407525A-02: Comparative Education II, 4 op  
 407509A: Inclusive and Special Education, 3 op  
 407510A: Curriculum, Planning and Evaluation, 3 op  
 407511A: Early Childhood Education, 3 op  
 407513A: Seminar II: Intercultural Education, 3 op  
 407526A: Finnish as a Second Language, 5 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  
 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  
 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

### **Multidisciplinary Studies in the Subjects and Cross-Curricular Themes Taught in Basic Education (63 ECTS cr)**

A256402: Multidisciplinary Studies in the Subjects and Cross-Curricular Themes Taught in Basic Education, 65 op

*Multidisciplinary Studies include the following mandatory courses:*

- 406041A: Mother Tongue (Finnish) and Literature, 9 op  
*Compulsory*  
 406041A-01: Literacy, 4 op  
 406041A-02: Children's and Youth Literature at School, 3 op  
 406041A-03: Teaching Language Knowledge, 2 op  
 406021A: Drama Education, 2 op  
 406022A: History, 3 op  
 406042A: Mathematics, 7 op  
*Compulsory*  
 406042A-01: Mathematics Education, part I, 3 op  
 406042A-02: Mathematics Education, part II, 4 op  
 406043A: Environmental Studies, 9 op  
*Compulsory*  
 406043A-01: Man and the Environment, 4 op  
 406043A-02: Basic Phenomena in Nature, 5 op  
 406044A: Music, 7 op  
*Compulsory*  
 406044A-01: Basics of Music Education, 1 op  
 406044A-02: Pedagogy of Vocal Expression and Singing, 1 op  
 406044A-03: Listening Education, 1 op  
 406044A-04: Making Music Together, 1 op  
 406044A-05: Music Theory in Practice, 1 op  
 406044A-06: Accompaniment Instrument, part I, 1 op  
 406045A: Art, 6 op  
*Compulsory*  
 406045A-01: Basics of Art Teaching 1, 3 op  
 406045A-02: Basics of Art Teaching 2, 3 op  
 406046A: Physical Education, 6 op  
*Compulsory*  
 406046A-01: Lectures, Basic Exercise and Gymnastics, 1 op  
 406046A-02: Indoor Ball Games, 1 op  
 406046A-03: Skiing and Apparatus Gymnastics, 1 op  
 406046A-04: Orienteering and Outdoor Ball Games, 1 op  
 406046A-05: Skating and Swimming Skills, 1 op  
 406046A-06: Application of Physical Education at School and an Integrative Assignment, 1 op  
 406046A-07: Examination, 0 op

*Student must also choose either Religion or Ethics and Textile Work or Technical Work*

406023A: Religion, 2 op

406024A: Ethics, 2 op

406047A: Crafts/Textile Work and Technology, 6 op

*Compulsory*

406047A-01: School Handicrafts Before and Now, 1 op

406047A-02: User Centredness as a Starting Point for Handicrafts: from Fibre to a Product, 2 op

406047A-03: User Centredness as a Starting Point for Handicrafts: Techniques in Textile Work, 2 op

406047A-04: Pedagogy and Didactics of Textile Work, 1 op

406048A: Crafts/Technical Work and Technology, 6 op

*Compulsory*

406048A-01: Basics of Technical Work, 3 op

406048A-02: Technology Applications, 3 op

*Student completes either School Experience II: Bachelor's Level 407032A (LO, TAIKA, TEKNO) or 407517A (ITE)*

407032A: School Experience II: Bachelor's Level, 6 op

407517A: School Experience II: Bachelor's Level, 6 op

### Minor studies (25 ECTS cr)

There are no strict stipulations on the minor subjects of degrees at the Faculty of Education. You may choose the minors freely from among the courses offered by the University of Oulu.

Choose one minor subject (25 credits) to be completed as part of the Bachelor's degree.

### Optional Studies (7 ECTS cr)

The student can choose any higher education -level courses.

## Intercultural Teacher Education, Master's Degree

Tutkintorakenteen tila: archived

Lukuvuosi: 2013-14

Lukuvuoden alkamispäivämäärä: 01.08.2013

### Advances Studies in Educational Sciences (80 ECTS cr)

A250510: Advanced Studies in Education, 70 - 80 op

*Advanced Studies include the following mandatory courses:*

408525S: Global Education and Development, 5 op

408526S: Educational Policy and Leadership, 3 op

408520S: Thematic Practice: Master's Level, 6 op

408020S: School Experience III: Master's Level, 11 op

408508S: Seminar III: Education and Professional Ethics, 3 op

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

*Compulsory*

408013S-01: Thesis, 30 op

408013S-02: Thesis, 5 op

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

408019S: Basics of educational administration, 2 op

*Student chooses either Advanced Course in Qualitative Research 5 ECTS cr or in Quantitative Research 5 ECTS cr*

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

**Minor studies (25 ECTS cr)**

There are no strict stipulations on the minor subjects of degrees at the Faculty of Education. You may choose the minor subjects freely from among those offered by the University of Oulu.

Choose one minor subject (25 credits) to be completed as part of the Master's degree.

**Optional studies (25 ECTS cr)**

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****405511Y: ICONS, 7 op**

**Voimassaolo:** 01.08.2006 -

**Opiskelumuoto:** General Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**ECTS Credits:**

7 credits

**Language of instruction:**

English

**Timing:**

1st year, autumn

**Learning outcomes:**

- Analyze contemporary contentious political issues and their relationship to education

- Identify interests of key actors in the domestic and international political arenas
- Evaluate theories regarding the methods decision makers use to resolve conflicts
- Apply communication and negotiation skills to collaborate with peers using communication technology
- To promote understanding of how to apply ICT in a meaningful context in learning and instruction.

**Contents:**

- Contemporary global politics and ideologies
- modern technology-based environments
- technical infrastructure at university level
- pedagogical & didactical application of ICT
- net based learning environments
- IP-based videoconferencing
- Diplomatic consultation and dialogue
- Registers of English

**Mode of delivery:**

Blended teaching

**Learning activities and teaching methods:**

Seminars and tutorials. Emphasis is on learning through doing. Group work and seminars with fellow students both in Oulu and at universities abroad using, all facilitated by tutor; 70 h.

**Target group:**

Intercultural Teacher Education students

**Prerequisites and co-requisites:**

No

**Recommended optional programme components:**

The Professional English course is integrated with ICONS.

**Recommended or required reading:**

Background reading will be recommended according to the present day political situation.

**Assessment methods and criteria:**

Active participation in seminars, research and video-conferences, written assignments

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

**Grading:**

Pass/fail

**Person responsible:**

Gordon Roberts

**Working life cooperation:**

No

**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

**900077Y: Oral and Written 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

**Proficiency level:**

-

**Status:**

This course is compulsory for all students undertaking a BA degree in Intercultural Teacher Education who have Finnish as their native language.

Students who don't speak Finnish as their native language will get more information on alternatives for completing the course from Gordon Roberts.

**Required proficiency level:**

-

**ECTS Credits:**

2 ECTS credits

**Language of instruction:**

Finnish

**Timing:**

1st year of studies

**Learning outcomes:**

Upon completion of the course the student should be able

- to recognise the conventions and distinctive features of scientific communication,
- to prepare a verbally and stylistically fluent scientific presentation,
- to assess and revise his/her own texts and
- to recognise his/her strengths and weak points as a communicator.

**Contents:**

Practises and distinctive features of scientific communication, writing as a process, critical and analytical reading strategies, style and language of science, basics of speech communication, observation and analysis of speech communication situations.

**Mode of delivery:**

Multimodal teaching

**Learning activities and teaching methods:**

Contact teaching 16 h, independent work 34 h

**Target group:**

Students undertaking a BA degree in Intercultural Teacher Education who have Finnish as their native language

**Prerequisites and co-requisites:**

-

**Recommended optional programme components:**

-

**Recommended or required reading:**

Material in Optima

**Assessment methods and criteria:**

Participating the contact teaching, independent study and completion of given assignments.

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

**Grading:**

Pass / fail

**Person responsible:**

Niina Sarajärvi

**Working life cooperation:**

-

**Other information:**

-

## 405507Y: Professional English, 3 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Language and Communication Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

3 credits

**Language of instruction:**

English

**Timing:**

1st and 2nd year

**Learning outcomes:**

- Demonstrate English language skills in the field of education using different media through different registers
- Identify and use the academic APA standard and style

**Contents:**

- Giving presentations
- Composing reports
- Writing essays and articles
- Designing posters
- Composing curriculum vitae and applications

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Seminars and tutorials 30 h; The course is mainly integrated into ICONS in the first year, and Comparative Education during the second year.

**Target group:**

Intercultural Teacher Education students

**Prerequisites and co-requisites:**

No

**Recommended optional programme components:**

ICONS (405511Y) and Comparative Education (407508A)

**Recommended or required reading:**

Literature introduced by the lecturers at the beginning of the course.

**Assessment methods and criteria:**



The course is continuously assessed in conjunction with the ICONS and Comparative Education courses. There is no separate test.

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

**Grading:**

Pass/fail

**Person responsible:**

Gordon Roberts

**Working life cooperation:**

No

## 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.**

## A250508: Basic Studies in Education, 25 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

25cr

**Language of instruction:**

English

**Timing:**

1st study year

**Learning outcomes:**

- analyse and describe pedagogical phenomena on the basis of basic concepts and theories of educational sciences
- use various academic study methods
- work individually
- orientate towards educational professionalism
- analyse the issues of education and learning in diverse multicultural contexts

**Contents:**

- 407501P Defining Education 4 cr.
- 407502P Human Development 4 cr.
- 407503P Society and Educational Institutions 4cr.
- 407504P Learning Theories and Teaching 4 cr.

- 407505P Educational Philosophy and Ethics 4 cr.
- 407508P Seminar I: Teaching, Learning, Pedagogical Relationship 3cr.
- 407516P School Experience I: Orientation 2 cr.

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Varies according to the study units

**Target group:**

ITE students

**Prerequisites and co-requisites:**

No

**Recommended optional programme components:**

No

**Recommended or required reading:**

Varies according to the study units

**Assessment methods and criteria:**

Varies according to the study units

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

**Grading:**

pass/ fail

**Person responsible:**

Katri Jokikokko

**Working life cooperation:**

School experience I 2cr

*Compulsory*

**407501P: Defining Education, 4 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**ECTS Credits:**

4 credits

**Language of instruction:**

English

**Timing:**

1st year, autumn

**Learning outcomes:**

- Describe the main paradigms and define the basic concepts of educational sciences
- Identify some of the most influential, past and contemporary educational theorists
- Consider the role of practical and theoretical knowledge in teacher's profession
- Apply the acquired knowledge in classroom discussions on international and multicultural learning and teaching contexts
- Is able to read academic texts on education and write a short academic essay

**Contents:**

- Theories and concepts of mainstream educational sciences and intercultural education
- Formal education, informal and non-formal education
- Epistemology: forms of knowledge and knowledge production, cultural impact on knowledge construction
- Teacher's professional development and teacher's identity formation
- Basics of academic writing

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

24 h, lectures and seminar discussions, short essay

**Target group:**

Intercultural Teacher Education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the Basic Studies in Education.

**Recommended or required reading:**

Will be confirmed at the course start.

**Assessment methods and criteria:**

Active participation in the seminars, essay (1200 words).

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

**Grading:**

Pass/fail

**Person responsible:**

Maria-Liisa Järvelä

**Working life cooperation:**

None

**407502P: Human Development, 4 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**ECTS Credits:**

4 credits

**Language of instruction:**

English

**Timing:**

1st year, spring

**Learning outcomes:**

- Identify the most prominent paradigms and their representatives of psychology
- Apply acquired knowledge of psychological trends and theories in classroom discussions considering different learning and teaching environments
- Compare different perspectives of educational psychology focusing on age- and culture-specific aspects in education and upbringing

**Contents:**

- The most prominent paradigms and their representatives of psychology
- Age- and culture-specific issues of developmental psychology
- The impact of educational psychology in intercultural and inclusive education

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

24 h, lectures and seminar discussions. 84 hours of reading and assignment preparation.

**Target group:**

Intercultural Teacher Education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the Basic Studies in Education.

**Recommended or required reading:**

Crain: Theories of Development: concepts and applications. 6<sup>th</sup> ed. 2011.

The availability of the literature can be checked from [this link](#).

**Assessment methods and criteria:**

Active participation in the seminars in the seminars, essay or examination.  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Pass/fail

**Person responsible:**

Maria-Liisa Järvelä

**Working life cooperation:**

None

**407503P: Society and Educational Institutions, 4 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**ECTS Credits:**

4 credits

**Language of instruction:**

English

**Timing:**

1st year, spring

**Learning outcomes:**

- Identify the most prominent paradigms and their representatives of sociology
- Apply acquired knowledge of sociological theories in classroom discussions
- Relate educational systems to different societal and cultural contexts and teaching environments
- Compare different perspectives of educational sociology focusing on social-, societal and culture-specific aspects in education and upbringing
- analyze the role of educational professionals in society

**Contents:**

- the most prominent paradigms and their representatives in sociology
- social-, societal- and culture-specific issues in educational sociology
- globalization and migration in national, international and transnational education contexts
- teacher's profession in national, international and transnational contexts
- intercultural education from sociological perspective

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

24 h, lectures and seminar discussions. 84 hours of reading and assignment preparation.

**Target group:**

Intercultural Teacher Education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the Basic Studies in Education.

**Recommended or required reading:**

Haralambos & Holborn (2004/2008) Sociology. Themes and Perspectives.

Giddens, A. (2006/2009) Sociology.

The availability of the literature can be checked from [this link](#).

**Assessment methods and criteria:**

Active participation in the seminars, essay or examination.

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

**Grading:**

Pass/fail

**Person responsible:**

Maria-Liisa Järvelä

**Working life cooperation:**

None

**407504P: Learning Theories and Teaching, 4 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**ECTS Credits:**

4 credits

**Language of instruction:**

English

**Timing:**

1st year, autumn

**Learning outcomes:**

- Summarize the historical development of paradigms in learning sciences
- Identify the most significant paradigms of learning sciences and the most influential theorists
- Relate the different cultural circumstances on pedagogical solutions in learning and teaching situations with special focus on intercultural competence
- Discuss the possibilities offered by ICT in teaching and learning situations

**Contents:**

- historical overview of the development of learning paradigms
- theories of intercultural/ transformative/ experiential and social learning and critical pedagogy
- the impact of cultural factors on learning and teaching
- learning and teaching as individual and social-psychological phenomena
- the role of ICT in learning and teaching

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

24 h lectures in Finnish and 12 h seminars in English. Finnish-speakers: 72 hours of reading and assignment preparation. Non-Finnish speakers: 96 hours of reading and assignment preparation. Non-Finnish speakers work on a special project instead of lectures in Finnish.

**Target group:**

Intercultural Teacher Education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the Basic Studies in Education.

**Recommended or required reading:**

The reading list will be given to the students before the course start.

**Assessment methods and criteria:**

Active participation in the seminars, essay or examination.

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

**Grading:**

Pass/fail

**Person responsible:**

Maria-Liisa Järvelä

**Working life cooperation:**

None

**407505P: Educational Philosophy and Ethics, 4 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**ECTS Credits:**

4 credits

**Language of instruction:**

English

**Timing:**

1st year, spring

**Learning outcomes:**

- Summarize and contrast central concepts and approaches of educational philosophy
- Compare international perspectives on ethics
- Apply concepts related to philosophy and ethics to discuss educational tasks and relationships in global contexts
- Describe their current educational philosophy and explain and illustrate their approach to professional ethics

**Contents:**

- Western and non-western schools of educational philosophy
- Perspectives on global and professional ethics
- Educational implications of different approaches
- Ethical dilemmas in educational contexts

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

32 hours of lectures and seminars, 76 hours of reading and assignment preparation

**Target group:**

Intercultural Teacher Education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the Basic Studies in Education.

**Recommended or required reading:**

Freire, P. (1998). *Pedagogy of Freedom: Ethics, Democracy, and Civic Courage*. Oxford: Rowman & Littlefield Publishers.

Noddings, N. (2005). *Challenge to care in Schools*. 2<sup>nd</sup> ed. New York: Teachers' College Press.

Todd, S. (2009). *Towards and Imperfect Education: Facing Humanity, Rethinking Cosmopolitanism*. Sense Publishers. Boulder: Paradigm Publishers.

The availability of the literature can be checked from [this link](#).

**Assessment methods and criteria:**

Reflective essay and book exam

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

**Grading:**

pass/fail

**Person responsible:**

Katri Jokikokko

**Working life cooperation:**

None

**407508P: Seminar I: Teaching, Learning, Pedagogical Relationship, 3 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**ECTS Credits:**

3 credits

**Language of instruction:**

English

**Timing:**

1st year, spring

**Learning outcomes:**

- examine preliminary tools for analysing the tasks of education, teaching and professional growth in an intercultural context
- identify and analyse issues on learning, human development and pedagogical relationships
- critically assess the connections between theory and practice
- illustrate and document personal educational philosophies
- identify elements of personal professional growth

**Contents:**

- concepts of education, teaching and learning
- school and classroom environments
- study journals and portfolios
- planning, reflecting on and evaluating School Experience I

**Mode of delivery:**

Face-to-face teaching, peer-led discussions



**Learning activities and teaching methods:**

18 h seminar workshop, 63 hours of reading and assignment preparation

**Target group:**

Intercultural Teacher Education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

School Experience I: Orientation

**Recommended or required reading:**

Course materials will be provided by the teacher

**Assessment methods and criteria:**

Pedagogical Portfolio entries

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

**Grading:**

Pass/fail

**Person responsible:**

Gordon Roberts

**Working life cooperation:**

None

**407516P: School Experience I: Orientation, 2 op**

**Voimassaolo:** 01.08.2006 -

**Opiskelumuoto:** Basic Studies

**Laji:** Practical training

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

2 credits

**Language of instruction:**

English

**Timing:**

1st year, spring

**Learning outcomes:**

The student:

- becomes aware of the need to consider critically his/her conception of 'teachership' and intercultural education
- familiarises him/herself with classroom activities through observation in the comprehensive education primary grades 0-6 and, on a lesser scale, also in grades 7-9
- perceives the contents and meaning of the curriculum in school education

**Contents:**

This practice period forms part of the major subject studies for the Bachelor's degree and it is part of the Pedagogical Studies for Teachers module. All students on the primary teaching degree programme shall take this orientation course to school work, regardless of their previous studies or work experience.

The underlying theme behind School Experience I is the pupil as a member of the classroom community. Students are expected to enhance their personal understanding of the thematic elements presented in Human Development (4 credits) and Seminar I (3 credits) by working in a school and classroom context. This course also familiarises the student with the curriculum and its flexible implementation in teaching in the context of an international school.

School Experience I offers a supervised opportunity to study the child's development and interaction, and sociocultural phenomena in the classroom community through the learning tasks formulated in Seminar I. The SE I course provides an orientation to the work of a teacher through small-scale participation in teaching and educational activities in a particular class and the adjacent classrooms.

**Mode of delivery:**

Place: Oulu International School, grades 0–9

**Learning activities and teaching methods:**

Duration: two calendar weeks.

Description of the activities: during School Experience I the student will be functioning in cooperation with the staff of Oulu International School and with his/her fellow students.

Before the actual practice, the student will spend one day at OIS, arranged by the school's practice coordinator, in order to become acquainted with the school. During this day, the students find their way around the premises of the school and also meet the class in which s/he will be practising. Before beginning the period at the school, the student shall formulate a research question through which s/he will approach the practice.

The student shall observe and examine the activities of a particular class and the children in it from the viewpoint of educational and developmental psychology, based on the knowledge acquired in the Human Development course and the research/observation tasks agreed upon in Seminar I. The student becomes acquainted with school as a growth and learning environment, and familiarises him/herself with the school's curriculum.

School Experience I starts with a class specific joint planning meeting, arranged in the week preceding the practice, to discuss course arrangements and tutoring. The planning will involve the mentor and all students assigned to that class.

During the second week the student carries out, some small group teaching and team teaching sessions with the teachers of the International School and with his/her fellow students, and sits in on neighbouring classes for 2-3 lessons (not more than 6 students per classroom).

Supervision: the general supervisors of School Experience I are the tutor responsible for Seminar I and, at Oulu International School, the Principal and the practice co-ordinator. The mentors in the classrooms are the class teachers.

**Target group:**

Intercultural Teacher Education students

**Prerequisites and co-requisites:**

Participation in the School Experience I practice requires completion of Human Development (4 credits) and participation in the preparatory sessions of Seminar I.

**Recommended optional programme components:**

Seminar I (407508P) and Human Development (407502P)

**Recommended or required reading:**

None

**Assessment methods and criteria:**

The students shall write a report on the practice. This report forms part of the Pedagogical Portfolio which will be introduced in Seminar I, and will continue to develop throughout the student's career at the university.

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

**Grading:**

Pass / to be supplemented / to be retaken. The assessment by the class teacher will be based on supervision discussions (4 hours) and by the Seminar I tutor based on the Pedagogical Portfolio entries. All students will have a 'Teaching Practice Record Card' to be used for all practices of the degree. For School Experience I, the card shall be signed by both the mentor and the tutor.

Feedback meeting: A feedback meeting will be arranged at the Oulu International School at the end of the School Experience I practice. The meeting will analyse how the goals set for the practice were met and discuss ways of making use of the experiences in future school work and practice periods.

**Person responsible:**

Vesa-Matti Sarenus, Gordon Roberts

**Working life cooperation:**

Yes.

**Other information:**

Registration: registration for School Experience I is by the end of November. Students will receive precise information about registration by e-mail.

## A250509: Intermediate Studies in Education, 50 op

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** Finnish

### ECTS Credits:

40 cr

### Language of instruction:

English

### Timing:

2nd and 3rd study year

### Learning outcomes:

- apply, analyse and evaluate educational research on pedagogical phenomena
- practice academic argumentation
- write academic reports
- compare educational practices in different countries
  
- Students are able to assess the diverse needs of students within complex and changing societies and identify appropriate strategies to meet those needs
- Students are able to identify, compare and evaluate educational trends in intercultural and global education
- Students are able to carry out research tasks, and produce academic texts in English and Finnish (special conditions apply to non-Finnish speaking students)

### Contents:

- 407508A Comparative education 7cr
- 407509A Education for All 3cr
- 407510A Curriculum, Planning and Evaluation 3cr
- 407521A Thematic Practice I 3 cr
- 407513A Seminar II: Intercultural Education 2 cr
- 407040A Basic course in quantitative research 5cr
- 407041A Basic course in qualitative research 5cr
- 407515A Bachelor's Thesis 9 cr
- *407515A -01 Maturity Test*
- *407515A -02 Bachelor's Thesis*

### Mode of delivery:

Face-to-face teaching

### Learning activities and teaching methods:

Varies according to the study units

### Target group:

ITE students

### Prerequisites and co-requisites:

General studies in education 25 cr

### Recommended optional programme components:

No

### Recommended or required reading:

Varies according to the study units

### Assessment methods and criteria:

Varies according to the study units

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

### Grading:

0 - 5

### Person responsible:

Katri Jokikokko

### Working life cooperation:

Yes. Includes Thematic Practice I 3 cr

*Intermediate Studies include the following mandatory courses:*

### **407525A: Comparative Education, 8 op**

**Voimassaolo:** 01.08.2013 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

#### **ECTS Credits:**

8 Credits

#### **Language of instruction:**

English

#### **Timing:**

Comparative Education I: 2<sup>nd</sup> years autumn

Comparative Education II : 2<sup>nd</sup> year spring

#### **Learning outcomes:**

- Identify the main ideas of comparative research tradition
- Examine the relationship between culture, society and education
- Discuss educational systems, policies and practices in the Nordic countries and in Europe in relation to different historical, geographic and demographic circumstances on national, international and transnational level
- Examine the relationship between culture, society and education with special foci on the northern dimension and the impact of the EU
- Identify trends in Nordic and European societies affecting planning, implementing and evaluating education with special reference to minorities and stateless nations

#### **Contents:**

- Comparative education I: Nordic countries
- Comparative education II: Europe (History of Europe; the EU and its educational policy)

#### **Mode of delivery:**

Face-to-face teaching

#### **Learning activities and teaching methods:**

- Comparative education I: Nordic countries. Lectures and seminars 30 hours, 78 hours of reading and assignment preparation.
- Comparative education II Europe (History of Europe; the EU and its educational policy). Lectures and seminars 40 hours, 68 hours of reading and assignment preparation.

#### **Target group:**

Intercultural Teacher Education students

#### **Prerequisites and co-requisites:**

None

#### **Recommended optional programme components:**

The course is part of the Intermediate Studies in Education.

#### **Recommended or required reading:**

Comparative education I: reading will be informed at course start

Comparative education II: For reference purposes:

Davies, N (1997) Europe: a history

Minahan, J. (2000) One Europe, many nations

The availability of the literature can be checked from [this link](#).

#### **Assessment methods and criteria:**

Active participation in the seminars, essay or examination. Study journals, essays, exams.

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

**Grading:**

pass/fail

**Person responsible:**

Comparative Education I Maria-Liisa Järvelä

Comparative Education II Gordon Roberts

**Working life cooperation:**

None

*Compulsory*

**407525A-01: Comparative Education I, 4 op**

**Voimassaolo:** 01.08.2013 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**ECTS Credits:**

4 cr

**Language of instruction:**

English

**Timing:**

2<sup>nd</sup> years autumn

**Learning outcomes:**

- Identify the main ideas of comparative research tradition
- Examine the relationship between culture, society and education
- Discuss educational systems, policies and practices in the Nordic countries and in Europe in relation to different historical, geographic and demographic circumstances on national, international and transnational level
- Examine the relationship between culture, society and education with special foci on the northern dimension and the impact of the EU
- Identify trends in Nordic and European societies affecting planning, implementing and evaluating education with special reference to minorities and stateless nations

**Contents:**

- Comparative education I: Nordic countries

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Comparative education I: Nordic countries. Lectures and seminars 30 hours, 78 hours of reading and assignment preparation.

**Target group:**

Intercultural Teacher Education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the intermediate studies in education.

**Recommended or required reading:**

reading will be informed at course start

**Assessment methods and criteria:**

Active participation in the seminars, essay or examination. Study journals, essays, exams. Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

pass/fail

**Person responsible:**

Maria-Liisa Järvelä

**Working life cooperation:**

None

**407525A-02: Comparative Education II, 4 op**

**Voimassaolo:** 01.08.2013 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**ECTS Credits:**

4 credits

**Language of instruction:**

English

**Timing:**

2<sup>nd</sup> year spring

**Learning outcomes:**

- Identify the main ideas of comparative research tradition
- Examine the relationship between culture, society and education
- Discuss educational systems, policies and practices in the Nordic countries and in Europe in relation to different historical, geographic and demographic circumstances on national, international and transnational level
- Examine the relationship between culture, society and education with special foci on the northern dimension and the impact of the EU
- Identify trends in Nordic and European societies affecting planning, implementing and evaluating education with special reference to minorities and stateless nations

**Contents:**

- Comparative education II: Europe (History of Europe; the EU and its educational policy)

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

- Comparative education II Europe (History of Europe; the EU and its educational policy). Lectures and seminars 40 hours, 68 hours of reading and assignment preparation.

**Target group:**

Intercultural Teacher Education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the Intermediate Studies in Education.

**Recommended or required reading:**

Comparative education II: For reference purposes:

- Davies, N (1997) Europe: a history
- Minahan, J. (2000) One Europe, many nations

The availability of the literature can be checked from [this link](#).

**Assessment methods and criteria:**

Active participation in the seminars, essay or examination. Study journals, essays, exams. Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

pass/fail

**Person responsible:**

Gordon Roberts

**Working life cooperation:**

None

**407509A: Inclusive and Special Education, 3 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**ECTS Credits:**

3 credits

**Language of instruction:**

English

**Timing:**

ITE: 2nd year, spring

EdGlo: 1st year, spring

**Learning outcomes:**

After completion of the course, students are able to:

- analyse the current state and challenges of special education and inclusion.
- compare local and global approaches to special education, and evaluate the implemented policies and practices that are meant to provide equal possibilities for all people
- identify the current trends of the UNESCO Education for All (EFA) initiative
- discuss the challenges of implementation of EFA, and the Millennium Development Goals (MDGs)

**Contents:**

- special educational needs
- inclusion as a policy and practice
- the United Nations Millennium Development Goals
- UNESCO Education for All initiative

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

24 h lectures/seminars, 56 h independent study

**Target group:**

- Intercultural Teacher Education students
- 1st year on the Master's Degree in Education and Globalisation pursuing minor studies "Education in Transition"
- Other students pursuing minor studies "Education in Transition"

**Prerequisites and co-requisites:**

No

**Recommended optional programme components:**

Course is part of the Special level Studies (ITE programme) and part of the Education in Transition (EDGLO students)

Other courses in Education in Transition:

- 407509P Defining Education, Educational Sciences and their tasks, 5 credits
- 407512P Comparative Educational Research, 5 credits
- 407510P Economics of Education, 5 credits
- 407511P Seminar: Education in Transition, 5 credits
- 407518A Global Citizenship Education, 5 credits
- 408502S Development and Education, 4 credits
- 407523P Plurilingualism and Education in the 21st century, 5 credits
- 407524P Critical Literacy in Education, 5 credits

**Recommended or required reading:**

Peterson, M. & Hittie, M. (2003). *Inclusive teaching: Creating effective schools for all learners*. Boston: Allyn & Bacon.

You can check the availability of the course books via [this link](#).

Other study material will be confirmed at the beginning of the course.

**Assessment methods and criteria:**

Active participation in lectures/seminars and an exam

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

**Grading:**

Pass/fail

**Person responsible:**

Marko Kielinen, Marjatta Takala (special education), Vanessa de Oliveira (EFA and MDG)

**Working life cooperation:**

No

**Other information:**

No

**407510A: Curriculum, Planning and Evaluation, 3 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**ECTS Credits:**

3 credits

**Language of instruction:**

English

**Timing:**

3rd year, autumn

**Learning outcomes:**

- explain the role of curriculum in education and the principles that guide curriculum construction and implementation
- compare curricula from different educational fields and institutions in Finland and other countries
- identify the demands that cultural, political and other factors set on curriculum planning
- design and use the curricula in lesson planning and in evaluating student and teacher activities

**Contents:**

- philosophical and pedagogical principles of curriculum planning and implementation
- curricula with emphasis on Intercultural and Immigrant Education on both national and global level
- curricula with emphasis on Inclusive Education on national and global level



- Finnish national curriculum for the Comprehensive School and curricula for International Schools

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Lectures and seminars 24 h, examination, 57 hours of reading and assignment preparation.

**Target group:**

Intercultural Teacher Education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the intermediate studies in education.

**Recommended or required reading:**

The reading list will be given to the students before the course start.

**Assessment methods and criteria:**

Active participation in the seminars and examination.

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

**Grading:**

pass/fail

**Person responsible:**

Maria-Liisa Järvelä

**Working life cooperation:**

None

**407511A: 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:** English

**ECTS Credits:**

3 credits

**Language of instruction:**

English

**Timing:**

2.year's 1.and 2. period

**Learning outcomes:**

- a student can describe the meaning of play on a child's social growth, development and learning in the preschool and lower primary education contexts.
- a student identifies a change of a child's role and growth environment in the transition process to school and is able to co-operate with the professionals in the different growth environments.
- a student knows the continuum of a child's growth- and learning process from the preschool education to the primary school education
- a student knows the theoretical and practical basis and methods of the child's teaching and learning to read and write.
- a student understands a learning to read and write as a part of linguistic development, communication and interaction.

**Contents:**

- Preschool education and lower primary education as a child's growth and learning contexts.

- Child's learning process as a continuum from early childhood education to preschool and lower primary education.
- The meaning of a play of a preschool and lower primary school child in his social growth, development and learning.
- A child's transition process to school with a co-operation between home, preschool and school.
- A child's learning to read and write as a part of linguistic development, communication and interaction.

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Contact lessons 30h

**Target group:**

Intercultural Teacher Education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

None

**Recommended or required reading:**

Will be confirmed in the beginning of the course.

**Assessment methods and criteria:**

Active participating in contact lessons

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

**Grading:**

0 - 5

**Person responsible:**

Hannele Karikoski

**Working life cooperation:**

None

**Other information:**

Students who don't speak Finnish must agree on completing the course with the lecturers.

**407513A: Seminar II: Intercultural Education, 3 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**ECTS Credits:**

3 credits

**Language of instruction:**

English

**Timing:**

2nd year spring, 3rd year autumn

**Learning outcomes:**

- Discuss special professional issues in relation to multilingual/ intercultural/ international schools or professional intercultural encounters
- Predict circumstances and challenges in relation to the individual choice of School Experience II placement and theme for exploration
- Demonstrate meeting of individual learning outcomes from SE II in the seminar and in the portfolio

- Comparison and sharing of outcomes of the themes for exploration during the SE II

**Contents:**

- variety of challenges of working in multilingual/ intercultural/ international schools and working in a different cultural environment

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

20 h peer-led seminars

**Target group:**

Students in the Intercultural Teacher Education Programme

**Prerequisites and co-requisites:**

School experience I and Seminar I

**Recommended optional programme components:**

Related to School experience II

**Recommended or required reading:**

Will be confirmed at the course start.

**Assessment methods and criteria:**

Active participation in seminars, entries in pedagogical portfolio.

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

**Grading:**

Pass/fail

**Person responsible:**

Gordon Roberts

**Working life cooperation:**

None

**407526A: Finnish as a Second Language, 5 op**

**Voimassaolo:** 01.08.2013 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

5 cr

**Language of instruction:**

English

**Timing:**

3rd year, spring

**Learning outcomes:**

- Recognise the aims and practices of education targeted at multilingual learners in basic education, instruction preparing for basic education and Finnish as a second language education
- Evaluate the educational arrangements in the context of culturally diverse school
- Analyse the role of language and multilingualism in education, culture and society
- Identify values and motives related to language policy
- Connect language and conceptualising
- Discuss socio-linguistic theory in relation to multilingualism

**Contents:**

- Familiarising with
  - learning and teaching Finnish as a second language
  - acquisition of spoken and written discourse
  - curricula
  - evaluation of language competence within the European framework of reference for languages
  - acquisition of literacies in multilingual settings
- Studying & presenting research
- Discussing topic related journal articles
- Visiting a group of multilingual learners
- Writing study journals

**Mode of delivery:**

Lectures 20 h, workshop 30 h

**Learning activities and teaching methods:**

Active participation in the lectures and workshops, writing learning journal

**Target group:**

ITE students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

None

**Recommended or required reading:**

- Journal articles selected by the lecturer at the beginning of the course
- Common European Framework of Reference for Languages : learning, teaching, assessment 2001. Council for Cultural Co-operation, Education Committee, Modern Languages Division
- Nissilä, Leena – Martin, Maisa – Vaarala, Heidi – Kuukka, Ilona 2006: Saako olla suomea? Opas suomi toisena kielenä -opetukseen. Opetushallitus.
- Kuukka, Ilona – Rapatti, Katriina 2009. Yhteistä kieltä luomassa: suomea opetteleva opetusryhmässäni. Opetushallitus 2009.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

Active participation in the lectures, presentations in workshops, independent study of course literature, study journals,

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

**Grading:**

0-5

**Person responsible:**

Päivi Jokinen

**Working life cooperation:**

Visiting and assisting in a group of multilingual learners

**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.  
Ruusuvoori, 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

**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

**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/>

**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 Sääsکیlahti 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](http://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 Sääskilähti and the leaders of seminar groups

**Working life cooperation:**

None

**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.

### **A256402: Multidisciplinary Studies in the Subjects and Cross-Curricular Themes Taught in Basic Education, 65 op**

**Opiskelumuoto:** Intermediate Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** Finnish

#### **ECTS Credits:**

63 credits

#### **Language of instruction:**

Finnish and English

#### **Timing:**

1st and 2nd year

#### **Learning outcomes:**

Student

- can explicate his/her understanding of the subject knowledge to the pupils on elementary school grades 0–6.
- is able to use various teaching methods and utilise learning environments in different school subjects and cross-curricular themes.
- is able to judge the applicability of his/her own teaching within the framework of the national core curriculum.
- is able to plan, apply and assess subject matter thought for primary level.

#### **Contents:**

##### **Humanities Module**

*ECTS:* 16 cr.

*assessment:* 0-5

This module crystallizes the three central perspectives in primary teacher education: values, social awareness and communication. Students familiarize themselves with the contents and pedagogy of the different subjects to gain the competence needed to enhance pupils' language-based learning and interaction skills. Further, students acquire a knowledge base and assessment skills that support their ethical development, empower them to become active participants in democratic society and promote human rights.

##### **Science Module**

*ECTS:* 16 cr.

*assessment:* 0-5

Studies in the Science Module aim at familiarizing students with science and mathematics teaching and with working methods appropriate for schools and their development. Students learn to perceive, study, model and explain

scientific phenomena and events. In addition, they will understand the significance of mathematics and natural sciences in the context of pupil development and education.

Teaching within the module focuses on key issues that enhance student abilities and curriculum development, didactics of the various subjects and implications of didactic research for teaching. Teaching may also involve integration of shared projects involving a number of different courses. Results and experiences of these projects can then be utilized in teaching practice.

### Arts and Crafts Module

ECTS: 25 cr.

assessment: 0-5

Studies in the Arts and Crafts Module provide students with such fundamental knowledge and skills in arts and crafts as will allow them to carry out and develop the basic educational curriculum in line with pupil achievement. Another goal is to foster an understanding of the educational significance of the different arts and the skill building process from the perspective of child development.

#### Humanities Module 16 ECTS cr

- [406041A](#)  
[406041A-01](#)  
[406041A-02](#)  
[406041A-03](#)  
[406021A](#)  
[406022A](#)
- Mother Tongue (Finnish) Literature 9 ECTS cr
1. Literacy 4 ECTS cr
  2. Children's and Youth Literature at School 3 ECTS cr
  3. Teaching Language Knowledge 2 ECTS cr
- Drama Education 2 ECTS cr
- History 3 ECTS cr
- Alternative Study Module (a or b)*
- a) Religion 2 ECTS cr
  - b) Ethics 2 ECTS cr

#### Science Module 16 ECTS cr

- [406042A](#)  
[406042A-01](#)  
[406042A-02](#)  
[406043A](#)  
[406043A-01](#)  
[406043A-02](#)
- Mathematics 7 ECTS cr
1. Mathematics Education, Part I 3 ECTS cr
  2. Mathematics Education, Part II 4 ECTS cr
- Environmental Studies 9 ECTS cr
1. Man and the Environment 4 ECTS cr
  2. Basic Phenomena in Nature 5 ECTS cr

#### Art Module 25 ECTS cr

- [406044A](#)  
[406044A-01](#)  
[406044A-02](#)  
[406044A-03](#)  
[406044A-04](#)  
[406044A-05](#)  
[406044A-06](#)  
[406045A](#)  
[406045A-01](#)  
[406045A-02](#)  
[406046A](#)  
[406046A-01](#)  
[406046A-02](#)  
[406046A-03](#)  
[406046A-04](#)  
[406046A-05](#)  
[406046A-06](#)  
[406046A-07](#)
- Music 7 ECTS cr
1. Basics of Music Education 1 ECTS cr
  2. Pedagogy of Vocal Expression and Singing 1 ECTS cr
  3. Listening Education 1 ECTS cr
  4. Making Music Together 1 ECTS cr
  5. Music Theory in Practice 1 ECTS cr
  6. Accompaniment Instrument 2 ECTS cr
- Art 6 ECTS cr
1. Basics of Art Teaching 1 3 ECTS cr
  2. Basics of Art Teaching 2 3 ECTS cr
- Physical Education 6 ECTS cr
1. Lectures, Basic Exercise and Gymnastics 1 ECTS cr
  2. Indoor Ball Games 1 ECTS cr
  3. Skiing and Apparatus Gymnastics 1 ECTS cr
  4. Orienteering and Out Door Ball Games 1 ECTS cr
  5. Skating and Swimming Skills 1 ECTS cr
  6. Application of physical Education at School and an Integrative Assignment 1 ECTS cr
  7. Examination 0 ECTS cr
- Alternative Study Module (a or b)*
- a.) Crafts/Textile Work and Technology 6 ECTS cr
1. School Handicrafts Before and Now 1 ECTS cr
  2. User Centredness as a Starting Point for Handicrafts: From Fibre to a Product 2 ECTS cr
  3. User Centredness as a Starting Point for Handicrafts: Techniques in Textile Work 2 ECTS cr
  4. Pedagogy and Didactics of Textile Work 1 ECTS cr
- [406047A](#)  
[406047A-01](#)  
[406047A-02](#)  
[406047A-03](#)  
[406047A-04](#)  
[406048A](#)  
[406034A-01](#)  
[406034A-02](#)
- Crafts/Technical Work and Technology 6 ECTS cr
1. Basics Of Technical Work 3 ECTS cr
  2. Technology Applications 3 ECTS cr

[407032A/ 407517A](#) School Experience II: Bachelor's level 6 ECTS cr

#### Mode of delivery:

Face-to-face teaching

**Learning activities and teaching methods:**

Vary by course

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

Multidisciplinary Studies in the Subjects and Cross-Curricular Themes Taught in Basic Education.

**Recommended or required reading:**

To be agreed on for each course

**Assessment methods and criteria:**

Vary by course

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

**Grading:**

0 - 5

**Person responsible:**

Matti Lindh

**Working life cooperation:**

Yes (practice with teaching relevant subjects in the School Experience II: Bachelor's Level 6 ECTS cr)

*Multidisciplinary Studies include the following mandatory courses:*

**406041A: Mother Tongue (Finnish) and Literature, 9 op**

**Voimassaolo:** 01.08.2013 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

9 ECTS cr

**Language of instruction:**

Finnish

**Timing:**

1st and 2nd year

**Learning outcomes:**

The aim of studies is to arouse students' interest in language and to make them multiskilled intermediaries of linguistic culture, who possess the competence to develop the linguistic abilities of children. To this end, students familiarize themselves with Finnish and literature as school subject, together with the contents, methods and background theories of communication teaching, primary level reading and literature.

**Contents:**

The course consists of three parts:

1. Literacy 4 ECTS cr
2. Children's literature at school 3 ECTS cr
3. Teaching of language knowledge 2 ECTS cr

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

See 406041A-01, 406041A-02, 406041A-03

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the Multidisciplinary Studies in the Subjects and Cross-Curricular Themes Taught in Basic Education

**Recommended or required reading:**

- Alho, Irja & Kauppinen, Anneli. Käyttökielioppi 2008
- Gru#nthal, Satu & Pentikäinen, Johanna (toim.) Kulmakivi: luokanopettajan äidinkieli ja kirjallisuus 2006
- Harmanen, Minna & Siirinen, Mari (toim.) Kielioppi koulussa 2006
- Huhtala, Liisi (toim.) Pieni suuri maailma suomalaisen lasten- ja nuortenkirjallisuuden historia
- Suojala, Marja & Karjalainen, Maija (toim.) Avaa lastenkirja! johdatus lastenkirjallisuuden lajeihin ja käyttöön 2001

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

See 406041A-01, 406041A-02, 406041A-03

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

**Grading:**

0 - 5

**Person responsible:**

Minna Sääsilahti

**Working life cooperation:**

None

*Compulsory***406041A-01: Literacy, 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:**

1st year

**Learning outcomes:**

Having completed the course, the student

- is able to describe the special features and challenges of children's language development
- is able to support and evaluate the development of pupils' literacy skills so that s/he takes into consideration the age-specific developmental level of the child and the national core curriculum.
- is able to apply different teaching methods and learning environments in developing pupils' literacy skills
- knows how to guide the children's reading and writing processes

**Contents:**

- literacy
- average features and challenges of children's language development
- development and evaluation of reading and writing skills
- genre pedagogy
- reading comprehension



- process reading and writing

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Lectures 12 h/ Small group teaching 28 h/ Self-study 67 x h

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

Children's literature at school, Teaching of language knowledge

**Recommended or required reading:**

To be agreed on at the beginning of the course

**Assessment methods and criteria:**

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

**Grading:**

0 - 5

**Person responsible:**

Minna Sääskilähti

**Working life cooperation:**

None

**406041A-02: Children's and Youth Literature at School, 3 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:**

3 ECTS cr

**Language of instruction:**

Finnish

**Timing:**

2nd year

**Learning outcomes:**

Having completed the course, the student

- is able to analyse children's literature and evaluate suitability of children's books for different learners
- knows how to apply and evaluate the learning outcomes, contents and teaching methods of literature teaching
- is able to describe the role of literature in childhood development
- is able to explain the role of literature in intercultural education

**Contents:**

- genres of children's literature
- teaching methods of literature
- supporting the child's literary interests
- folklore
- media education

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Lectures 10 h/Small group teaching 20 h/ Self-study 50 h

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

Literacy, Teaching of language knowledge

**Recommended or required reading:**

To be agreed on at the beginning of the course

**Assessment methods and criteria:**

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

**Grading:**

0 - 5

**Person responsible:**

Minna Sääskilähti

**Working life cooperation:**

None

**406041A-03: Teaching Language Knowledge, 2 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:**

2 ECTS cr

**Language of instruction:**

Finnish

**Timing:**

1st or 2nd year

**Learning outcomes:**

Having completed the course, the student

- knows how to apply modern language knowledge to guide children to make observations on language and consciously consider language structure
- is able to describe the premises of teaching Finnish as a second language

**Contents:**

- grammar of Finnish language
- methods and practices of teaching language knowledge
- teaching Finnish as a second language

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Lectures 6 h/Small group teaching 14 h/ Self-study 33 h

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

Children's literature at school, Literacy

**Recommended or required reading:**

Alho, Irja & Kauppinen, Anneli. 2008. Käyttökielioppi

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

Active participation in contact teaching, completion of assignments and exam

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

**Grading:**

0 - 5

**Person responsible:**

Minna Sääskilähti

**Working life cooperation:**

None

**406021A: Drama Education, 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. For ITE students, the small group sessions are in English.

**Timing:**

2nd year

**Learning outcomes:**

Having completed the course, the student is familiar with the premises of drama pedagogy in basic education. S/he knows how to apply to his work as a teacher the genre of drama and theatre education that s/he learnt in this course.

**Contents:**

The course deals with drama and theatre as a form of learning and as a method of artistic performance in school.

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Small group sessions 20 h and independent work 30 h

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of "Multidisciplinary Studies in the Subjects and Cross-Curricular Themes Taught in Basic Education".

**Recommended or required reading:**

Heikkinen, H. (2005 tai uudemmat painokset). Draamakasvatus - opetusta, taidetta, tutkimista. You can check for the availability of the literature [here](#).

**Assessment methods and criteria:**

Participation in contact teaching and as a final project either a drama group work or an independent written work.

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

**Grading:**

pass/fail

**Person responsible:**

Hannu Heikkinen

**Working life cooperation:**

None

**406022A: History, 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. For ITE students, the small group sessions are in English.

**Timing:**

(1st or) 2nd year

**Learning outcomes:**

Having completed the course, the student has a basic competence to plan and give lessons in history. The student understands what history didactics means and how and why history is taught. The student knows how to plan and implement history teaching using different working methods and tools. S/he knows how to apply several data acquisition methods in the planning of his/her teaching. The student knows what goals and contents the national core curriculum for basic education places on the history teaching.

**Contents:**

The special characteristics of the history subject from the viewpoints of school, society and the curriculum and basic teaching competence.

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Lectures 10h, and small group sessions 20 h.

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of "Multidisciplinary Studies in the Subjects and Cross-Curricular Themes Taught in Basic Education".

**Recommended or required reading:**

Asunmaa, M. (1994) Kotiseutu tutuksi. Paikalliskulttuurin tutkiminen koulussa.

**TAI**

Löfström, Jan (toim.). Kohti tulevaa menneisyyttä. 2002.

**SEKÄ**

Maailmanhistorian pikkujättiläinen. 2005. s. 1-220.

Suomen historian pikkujättiläinen (uudistettu laitos), 2003. s.1-220.

for ITE-students

- James, A. & Phillips, R. (Eds.) (2000) Issues in History Teaching.(e-Book)
- Pendry, A. (1998) History teachers in the making.
- The core curriculum for pre-primary and basic education

**Assessment methods and criteria:**

Active participation in the course, exam

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

**Grading:**

0 - 5

**Person responsible:**

Reijo Heikkinen

For ITE students, Gordon Roberts

**Working life cooperation:**

None

**Other information:**

Reijo Heikkinen and Jari Honkanen

**406042A: Mathematics, 7 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 + 4 ECTS cr

**Language of instruction:**

Finnish/English

**Timing:**

1st and 2nd year

**Learning outcomes:**

After passing the Mathematics Education courses the student:

- is able to plan and teach mathematics learning which is based on the curriculums and different learning theories and takes different learners into consideration
- can explain and evaluate the key goals, contents, teaching methods and assessment of primary mathematics and apply this knowledge to his/her teaching
- can critically evaluate how different learning aids can be applied to teaching at school
- is able to develop his/her mathematics teaching according to the life long learning principles

**Contents:**

Matematiikan didaktiikan kokonaisuudessa käsitellään seuraavia asioita:

- Eri matematiikan sisältöjen oppimista ja opetusta sekä oppimisen arviointia
- Matematiikan oppimisvaikeuksia
- Affekteja, asenteita ja uskomuksia matematiikan oppimisessa

Kokonaisuus antaa lähtökohdan itsenäiselle matematiikan opetuksen suunnittelulle ja toteutukselle sekä tiedonhulle matematiikan oppimisesta ja opetuksesta. Kokonaisuuden tarkoituksena on myöskin pohtia opiskelijan omia asenteita matematiikkaa kohtaan ja opettajan asenteiden vaikutusta oppilaiden matematiikan oppimiseen.

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

The course consists of two parts:

- Mathematics Education, part I
- Mathematics Education, part II

**Target group:**

Primary teacher education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of "Multidisciplinary Studies in the Subjects and Cross-Curricular Themes Taught in Basic Education".

**Recommended or required reading:**

Van de Walle, John A., Elementary and middle school mathematics : teaching developmentally / John A. Van de Walle, Karen S. Karp ; Jennifer M. Bay-Williams ; with contributions by Jonathan Wray. 8th ed. Boston: Pearson, cop. 2013.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

See 406042A-01 and 406042A-02

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

**Grading:**

0 - 5

**Person responsible:**

Vesa-Matti Sarenius

**Working life cooperation:**

None

*Compulsory*

**406042A-01: Mathematics Education, part I, 3 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:**

3 ECTS cr

**Language of instruction:**

Finnish/English

**Timing:**

1st year, whole semester (Autumn or Spring)

**Learning outcomes:**

After passing this course the student

- is able to plan mathematics teaching which is based on the curriculums and takes different learners into consideration
- can critically evaluate how different learning aids can be applied to teaching at school
- is able to use different manipulatives
- is able to show positive attitudes towards mathematics
- can describe different learning theories which apply to mathematics teaching
- can apply different learning theories when planning mathematics teaching

**Contents:**

The course includes the following:

- Mathematics in the primary education core curriculum
- Mathematics learning theories and mathematics as a discipline
- Number concept and calculation with integers
- Teaching the base ten system
- Geometry, measurement and spatial thinking
- Rational numbers, fractions and decimal fractions
- Mathematics learning difficulties and the model of three stage support
- Affects, attitudes and beliefs towards mathematics

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Small group teaching 28 h and self and group study 52 h

**Target group:**

Primary teacher education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

None

**Recommended or required reading:**

Van de Walle, John A., Elementary and middle school mathematics : teaching developmentally / John A. Van de Walle, Karen S. Karp ; Jennifer M. Bay-Williams ; with contributions by Jonathan Wray. 8th ed. Boston: Pearson, cop. 2013.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

Voluntary Exam, reading and commenting articles, calculation exercises  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

0 - 5

**Person responsible:**

Vesa-Matti Sarenius

**Working life cooperation:**

None

**406042A-02: Mathematics Education, part II, 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/English

**Timing:**

(1st or) 2nd year, after Mathematics Education, part I. Whole semester.

**Learning outcomes:**

After passing this course the student

- can explain and evaluate the key goals, contents, teaching methods and assessment of primary mathematics and apply this knowledge to his/her teaching
- is able to apply his/her knowledge of mathematics education when making a medium term plan
- can apply the knowledge about differentiation and integration in his/her teaching
- can critically evaluate different learning aids and their applicability for teaching

**Contents:**

The course includes the following:

- Teaching percentage
- Teaching algebra
- Teaching statistics and graphs
- Teaching estimation
- Problem solving and its teaching
- The semantic classification of word problems
- Mathematical knowledge: conceptual and procedural knowledge
- Assessing mathematical knowledge, differentiation and integration

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Small group teaching 28 h and self and group study 79 h

**Target group:**

Primary teacher education students

**Prerequisites and co-requisites:**

Mathematics Education, part I

**Recommended optional programme components:**

Mathematics Education, part I

**Recommended or required reading:**

Van de Walle, John A., Elementary and middle school mathematics : teaching developmentally / John A. Van de Walle, Karen S. Karp ; Jennifer M. Bay-Williams ; with contributions by Jonathan Wray. 8th ed. Boston: Pearson, cop. 2013.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

Voluntary Exam, group work, reading and commenting articles, calculation exercises  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

0 - 5

**Person responsible:**

Vesa-Matti Sarenius

**Working life cooperation:**

None

**406043A: Environmental Studies, 9 op**

**Voimassaolo:** 01.08.2013 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education



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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 + 4 ECTS cr

**Language of instruction:**

Finnish/English

**Timing:**

1st and 2nd year

**Learning outcomes:**

Upon completion of the course, the student knows how to

- evaluate the central goals, subject knowledge, teaching methods and assessing of elementary level natural sciences
- interpret environment from the scientific point of view
- evaluate his/her own growth as a teacher of natural sciences
- contribute positive attitudes towards natural sciences

**Contents:**

Ympäristöopin sisällöt muodostuvat fysiikan, kemian, biologian, maantiedon ja terveystiedon aihealueista.

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

The course consists of two parts:

1. Human and environment 4 ECTS cr
2. Elementary Phenomena of Nature 5 ECTS cr

**Target group:**

Primary teacher education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the Multidisciplinary Studies in the Subjects and Cross-curricular Themes Taught in Basic Education.

**Recommended or required reading:**

To be agreed on at the beginning of the course

**Assessment methods and criteria:**

See 406043A-01 and 406043A-02

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

**Grading:**

0 - 5

**Person responsible:**

Emilia Manninen and Anne Pellikka

**Working life cooperation:**

None

*Compulsory*

**406043A-01: Man and the Environment, 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/English

**Timing:**

1st or 2nd year

**Learning outcomes:**

Natural sciences includes topics of physics, chemistry, biology, geography and health education. After passing this course the student

- is able to explain the aims and contents of primary school natural sciences on the basis of national curriculum.
- is able to compare different kind of teaching and learning viewpoints in natural sciences.
- is able to create a lesson plan and execute and evaluate teaching and learning.
- is able to evaluate his/her own growth and development as a teacher of natural sciences and is able to improve his/her teaching skills from the viewpoint of sustainable development.
- is able to interpret biological and geographical information related to natural, built and cultural environment.
- is able to distinguish his/her attitudes towards natural sciences and remodel new point of views towards natural sciences.

**Contents:**

The course includes the following:

- Natural sciences, especially biology, geography and health education in the primary education core curriculum
- Methods and evaluation of natural sciences
- Key concepts of biology and geography through following entities i.a.
  - life's biological bases, structure and functions of organisms, relevance of genetics
  - maps, planetary system, biomes, natural resources and human-environment interaction

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Exercises and lectures 40 h and self and group study about 60 h

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the Multidisciplinary Studies in the Subjects and Cross-Curricular Themes Taught in Basic Education.

**Recommended or required reading:**

- Cantell, H., Rikkinen, H. & Tani, S. 2007. *Maailma minussa - minä maailmassa. Maantieteen opettajan käsikirja.*
- Eloranta, V., Jeronen, E. & Palmberg, I. (toim.) 2005. *Biologia eläväksi. Biologian didaktiikka.*
- Jeronen, E., Välimaa, R., Tyrväinen, H. & Maijala, H. (toim.) 2009. *Terveystietoa oppimaan ja opettamaan.*
- Harlen, W. & Qualter, A. 2004. *The Teaching of Science in Primary Schools.*
- Tilbury, D. & Williams, M. 1997. *Teaching and Learning Geography.*

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

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

**Grading:**

0 - 5

**Person responsible:**

Anne Pellikka

**Working life cooperation:**

None

**406043A-02: Basic Phenomena in Nature, 5 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:**

5 ECTS cr

**Language of instruction:**

Finnish/English

**Timing:**

(1st. or) 2nd year, whole semester (Autumn or Spring)

**Learning outcomes:**

Natural sciences includes topics of physics, chemistry, biology, geography and health education. Upon completion of the course, the student knows how to

- critically judge the applicability of teaching materials of science education
- evaluate the central goals, subject knowledge, teaching methods and assessing of elementary level physics and chemistry
- plan teaching and evaluation of natural sciences on elementary school grades 0-6 and taking different kind of learners, experimental working, safety issues and integration between different subjects into consideration
- explain simple everyday phenomena according to physics and chemistry
- show positive attitudes towards physics and chemistry education

**Contents:**

The course includes the following:

- natural sciences, specially physics and chemistry in Finnish national core curriculum for basic education
- teaching materials of natural science
- safety issues
- characteristics of natural scientific knowledge
- getting acquainted with teaching methods of natural science
- studying the phenomena, concepts and experimental working of the following topics from the viewpoint of didactics of physics and chemistry education: water, air, space, forms of energy, motion, light, sound, electricity, magnetism, intoxicants and structure of matter

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Small group teaching 40 h and self and group study 95h.

**Target group:**

Primary teacher education students

**Prerequisites and co-requisites:**

Natural sciences II Human and Environment

**Recommended optional programme components:**

The course is part of the Multidisciplinary Studies in the Subjects and Cross-curricular Themes Taught in Basic Education

**Recommended or required reading:**

Virrankoski, M., Hänninen, K. & Markkanen, T. 2002. Luonnontiedettä luokanopettajille -kemialla, fysiikkaa ja tähtitiedettä.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

Active participation in contact teaching, group work and voluntary exam

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

**Grading:**

0 - 5

**Person responsible:**

Emilia Manninen and Kaisa Hautala

**Working life cooperation:**

None

**406044A: Music, 7 op**

**Voimassaolo:** 01.08.2013 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opettajat:** Paula Rönkkö

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

7 ECTS cr

**Language of instruction:**

Finnish, the small group sessions for the ITE students are in English.

**Timing:**

1st and 2nd year

**Learning outcomes:**

The student is familiarised with music education as part of broader cultural and art education. The student plays actively music as a group member and acquires abilities in music education for subject mastery and pedagogical issues in basic education.

**Contents:**

The share of music in the studies in subjects and cross-curricular themes taught in basic education comprises the following courses:

- Basics of Music Education (1 credit)
- Pedagogy of Vocal Expression and Singing (1 credit)
- Listening Education (1 credit)
- Making Music Together (1 credit)
- Music Theory in Practice (1 credit) The student learns to use and understand music concepts and notations in connection with listening to and making music.
- Accompaniment Instrument (2 op) The course enables the student to perform accompaniment in various practical situations where music is played.

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Small group teaching 70 h, self study 112 h

**Target group:**

Students in the primary teacher education programmes

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The studies are part of the "Multidisciplinary Studies in Subjects and Cross-Curricular Themes Taught in Basic Education".

**Recommended or required reading:**

- Musiikki kuuluu kaikille. 2009. Koulujen Musiikinopettajat ry. Jyväskylä. Kopijyvä Oy.
- Hyvönen, L. (2002) Musiikin oppiminen taiteen oppimisen kehyksessä. Teoksessa Outi Saloranta (toim.) Ensimmäiset kouluvuodet. Perusopetuksen vuosiluokkien 1-2 opetus.
- Ervasti, Marja Lorutan laulun, sävellän sillan, piirrän partituurin, äänikuvitan kertomuksen - musiikillinen keksintä osana sovellettua Orff-pedagogiikkaa.
- Hyvönen, Leena (1) Ala-asteen oppilas musiikin kuuntelijana
- Opetushallitus Perusopetuksen opetussuunnitelman perusteet 2004 oppivelvollisille tarkoitetun perusopetuksen opetus
- Styng, Jorma Pop/jazz-improvisaatio kitaralla ja muilla G-klaavin soittimilla Nuottijulkaisu
- Styng, Jorma Vapaa säestys ja melodiasoitto kitaralla akustiselle ja sähkökitaralle
- Tenni, Jyrki Vapaa säestys ja improvisointi

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

To be indicated in the description of each individual course (406044A-0X).

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

**Grading:**

0 - 5

To be indicated in the description of each individual course.

**Person responsible:**

Paula Rönkkö

**Working life cooperation:**

None

*Compulsory*

**406044A-01: Basics of Music Education, 1 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:**

1 ECTS cr

**Language of instruction:**

Finnish and English

**Timing:**

1st year, autumn

**Learning outcomes:**

The student knows how to make plans for and implement creative musical activities, with a variety of working methods in music providing a basis for consistently accumulating musical experiences, knowledge of music and unforgettable highlights. The student knows how to encourage children to work together and be creative, taking into account the children's individual skills.

**Contents:**

- Through pedagogical applications, students are familiarised with the development of children's musical expression using a variety of working methods in music (singing, playing, music and movement, and musical invention in connection with them).

- Students are familiarised with the various pedagogical uses of instruments used in schools.
- Students are familiarised with the concepts and educational contents of music education.

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Small group sessions 10 h, independent study 16 h

**Target group:**

Students in the primary teacher education programmes

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the study module Music 406044A (7 credits).

**Recommended or required reading:**

- Musiikki kuuluu kaikille. 2009. Koulujen Musiikinopettajat ry. Jyväskylä. Kopijyvä Oy
- Hyvönen, L. (2002) Musiikin oppiminen taiteen oppimisen kehyksessä. Teoksessa Outi Saloranta (toim.) Ensimmäiset kouluvuodet. Perusopetuksen vuosiluokkien 1-2 opetus
- Ervasti, M. 2003. Lorutan laulun, sävellän sillan, piirrän partituurin, äänikuvitan kertomuksen - musiikillinen keksintä osana sovellettua Orff-pedagogiikkaa. Lisensiaatintutkimus. Kasvatustieteiden tiedekunta. Oulun yliopisto. (Applicable parts)
- Current articles and online materials on music education (e.g. MOVE, the Teacher Training School curriculum, core curriculum issued by the National Board of Education)
- Music text books for basic education by various publishers (e.g. WSOY, Otava, Warner-Chappell) and relevant supplementary materials

[Click here](#) for the availability of course books.

**Assessment methods and criteria:**

Active participation in face-to-face teaching, assignments given during the course.

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

**Grading:**

Pass / fail

**Person responsible:**

Paula Rönkkö

**Working life cooperation:**

None

**406044A-02: Pedagogy of Vocal Expression and Singing, 1 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:**

1 ECTS cr

**Language of instruction:**

Finnish and English

**Timing:**

1st year, spring term

**Learning outcomes:**

Students learn effective use of voice together with various ways of teaching vocal expression and singing. They are also encouraged to use their voice for creative personal expression.

**Contents:**

Provide practice in the proper use and maintenance of voice, vocal expression and their pedagogical application through singing, speech and play-like exercises.

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Small group teaching 10 h and independent work 16 h

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the study module in Music 406044A (7 credits).

**Recommended or required reading:**

Koistinen, M. Tunne kehosi, vapauta äänesi: äänitimpurin käsikirja (2003) Sulasol  
Sing and chorus material representing different styles and genres of music, basic education music textbooks by different publishers (e.g. WSOY, Otava, Warner-Chappell) and supplementary materials to them

The availability of the literature can be checked from [this link](#).

**Assessment methods and criteria:**

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

**Grading:**

Pass/ fail

**Person responsible:**

Paula Rönkkö

**Working life cooperation:**

None

**406044A-03: Listening Education, 1 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:**

1 ECTS cr

**Language of instruction:**

Finnish/English

**Timing:**

2nd year

**Learning outcomes:**

Students will be introduced to listening education as a natural ingredient of different ways of working with music. They also familiarize themselves with a range of music cultures, styles and stylistic periods and learn to adopt diverse approaches to music.

**Contents:**

- Music is approached by adding such elements to listening as enhance focusing on it (physical, verbal, visual or musical stimuli)

- Music listening proceeds from experiences and emotions to concepts

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Small group teaching 10 h and independent work 16 h

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the study module in Music 406044A (7 credits).

**Recommended or required reading:**

- Hyvönen, Leena (1995) Ala-asteen oppilas musiikin kuuntelijana
- Alho, Eve, Hautsalo, Hilikka & Perkiö, Soili (toim.) Kuuntelun aika Hyvönen, L. (1996)
- Yksilönkehityksen varhaisvaiheet musiikin kokemisen perustana. Musiikkikasvatus 1(1): 66–69.
- Hyvönen, L. (1997) Onko musiikin kuuntelukasvatus musiikin historian opetusta? Musiikkikasvatus 2(2): 19–33.
- Sormunen (toim) Musiikkikasvatuksen tutkimus. Jyväskylän yliopiston musiikkitieteen laitoksen julkaisusarja A: tutkielmia ja raportteja 15. 85-95.
- Topical articles and online materials

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

**Assessment methods and criteria:**

Active participation in contact teaching and completing assignments.

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

**Grading:**

Pass/ fail

**Person responsible:**

Paula Rönkkö

**Working life cooperation:**

None

**406044A-04: Making Music Together, 1 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:**

1 ECTS cr

**Language of instruction:**

Finnish and English

**Timing:**

1st year spring term OR 2nd year autumn term

**Learning outcomes:**

The student knows how to play music with different combinations of instruments. The student knows how to design and implement pedagogical applications related to playing school instruments.

**Contents:**



- The students are familiarised with the basic techniques and pedagogical uses of instruments used in schools (Orff instruments, various percussions, self-made instruments, recorder, kantele and band instruments).
- After the course, the student knows how to take into account in her/his own teaching the division of work in a large music group, paying attention to pupils of different levels.

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Small group sessions 10 h, independent study 16 h

**Target group:**

Students in the primary teacher education programmes

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the study module Music 406044A (7 credits).

**Recommended or required reading:**

Materials by various publishers (e.g. WSOY, Otava, Warner-Chappell), music textbooks for basic education and relevant supplementary materials.

**Assessment methods and criteria:**

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

**Grading:**

Pass/ fail

**Person responsible:**

Paula Rönkkö

**Working life cooperation:**

None

**406044A-05: Music Theory in Practice, 1 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:**

1 ECTS cr

**Language of instruction:**

Finnish/English

**Timing:**

1st year, autumn term

**Learning outcomes:**

The student learns to use and understand concepts and notations in music in the context of listening to and making music.

**Contents:**

- To offer an introduction to musical notation, chord markings, keys and intervals
- Practical competence is acquired through instrument playing (piano/guitar)

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Contact teaching 10 h and independent work 16 h

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the study module Music 406044A (7 credits). It has a special connection to 406044A-06 Accompaniment Instrument.

**Recommended or required reading:**

Handouts

**Assessment methods and criteria:**

Participation in contact teaching and exam

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

**Grading:**

0 - 5

**Person responsible:**

Markku Pehkonen and Paula Rönkkö

**Working life cooperation:**

None

**406044A-06: Accompaniment Instrument, part I, 1 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:**

2 ECTS cr

**Language of instruction:**

Finnish/English

**Timing:**

1st ja 2nd years

**Learning outcomes:**

The course gives the student a competence for accompaniment in various practical music making situations.

**Contents:**

- To familiarize students with different musical notation systems, real chord symbols, different styles of music and accompaniment as well as playing techniques
- Group lessons involve directing and accompanying communal singing and music playing

**Mode of delivery:**

Face-to-face teaching, pair teaching

**Learning activities and teaching methods:**

Contact teaching 20 h and independent work 32 h

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

See "Recommended optional programme components"

**Recommended optional programme components:**

The course 406044A-05 Music Theory in Practice provides a theoretical basis for instrument studies and is taken partly at the same time.

**Recommended or required reading:**

- Materials related to different music styles and genres, such as textbooks, music books and instrument guides by different publishers.
- Styng, J. (1997) Vapaa säestys ja melodiasoitto kitaralla. Opi musiikkia 1.
- Styng, J. (1998) Pop/Jazz -improvisaatio kitaralla. Opi musiikkia 2.
- Tenni, J. & Varpama, J. (2004) Vapaa säestys ja improvisointi.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

Participation in accompaniment practice and the music playing party  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

0 - 5

**Person responsible:**

Markku Pehkonen and Anu Kemppainen

**Working life cooperation:**

None

**406045A: Art, 6 op**

**Voimassaolo:** 01.08.2013 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opettajat:** Lukkari, Matti Ilmari

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

6 ECTS cr

**Language of instruction:**

Finnish

**Timing:**

1st and 2nd years

**Learning outcomes:**

The objectives of this course are that the student knows how to

- design and implement art education in grades 0 - 6
- apply working, data acquisition, interpretation and assessment skills that are typical of visual arts
- knows how to evaluate curricula
- analyse didactic and pedagogical methods in art

**Contents:**

The teaching in this course is based on the contents areas in the Core Curriculum for Basic Education 2004.

During the Art course the student develops her/his visual, didactic and pedagogical thinking by applying the means of visual expression.

The course includes the following themes

1. Drawing
2. Painting
3. Ceramics
4. Construction

## 5. School graphics

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Lectures and small group sessions 60 h, independent work 102 h

**Target group:**

Primary teacher students at the Faculty of Education

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of "Multidisciplinary Studies in the Subjects and Cross-Curricular Themes Taught in Basic Education".

**Recommended or required reading:**

Kuvien kirja. Kuvataideopetuksen käsikirja perusopetukseen: Ann-Chistina Forsman & Liisa Piironen  
You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

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

**Grading:**

0 - 5

**Person responsible:**

Tapio Tenhu, Minna Myllykangas, Matti Lukkari

**Working life cooperation:**

None

*Compulsory***406045A-01: Basics of Art Teaching 1, 3 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:**

3 ECTS cr

**Language of instruction:**

Finnish

**Timing:**

1st year

**Learning outcomes:**

The objectives of this course are that the student

- knows how to apply the basic techniques of drawing and painting in her/his work
- knows how to evaluate and analyse the starting points for planning art education
- understands the starting-points of learning processes in visual arts

**Contents:**

Teaching in the course is based on the content areas of the Core Curriculum for Basic Education 2004.

In the Art course the student develops her/his visual, didactic and pedagogical thinking by applying the means of visual expression.

The course includes the following contents: drawing and painting, basics of visual construction and design

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Lectures and small group sessions 30 h, independent work 51 h

**Target group:**

Primary teacher students at the Faculty of Education

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of the Multidisciplinary Studies in primary teacher education.

**Recommended or required reading:**

Kuvien kirja. Kuvataideopetuksen käsikirja perusopetukseen: Ann-Chistina Forsman & Liisa Piironen

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

Active participation in contact teaching, completion of assignments

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

**Grading:**

0 - 5

**Person responsible:**

Tapio Tenhu, Minna Myllykangas, Matti Lukkari

**Working life cooperation:**

None

**406045A-02: Basics of Art Teaching 2, 3 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:**

3 ECTS cr

**Language of instruction:**

Finnish

**Timing:**

1st and 2nd year

**Learning outcomes:**

The objective of the course is that the student knows how to

- apply the techniques and materials of graphics and three-dimensional work in her/his own work
- plan and implement teaching in visual arts in grades 0 - 6.
- evaluate curricula
- analyse didactic and pedagogical methods in visual arts

**Contents:**

Teaching in the course is based on the Core Curriculum for Basic Education 2004.

In the Visual Arts course the student develops her/his visual, didactic and pedagogical thinking by applying the means of visual expression.

The course includes the following contents: ceramics, construction and school graphics

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Lectures and small group sessions 60 h, independent work 102 h

**Target group:**

Primary teacher students at the Faculty of Education

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The studies are part of the "Multidisciplinary Studies in Subjects and Cross-Curricular Themes Taught in Basic Education"

**Recommended or required reading:**

Kuvien kirja. Kuvataideopetuksen käsikirja perusopetukseen: Ann-Chistina Forsman & Liisa Piironen  
You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

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

**Grading:**

0 - 5

**Person responsible:**

Tapio Tenhu, Minna Myllykangas, Matti Lukkari

**Working life cooperation:**

None

**406046A: Physical Education, 6 op**

**Voimassaolo:** 01.08.2013 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opettajat:** Niina Loukkola

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

6 ECTS cr

**Language of instruction:**

Finnish. For ITE students, small group teaching is in English.

**Timing:**

1st and 2nd year

**Learning outcomes:**

The student

- is able to name the objectives and contents of physical education
- is able to describe different methods of teaching physical education
- knows how to plan, carry out and evaluate supervised sport
- is able to name key factors in physical education:
  - motor development and motor learning
  - cognitive learning
  - sosio-emotional learning

**Contents:**

- Lectures, track and field, gymnastics (1st year, autumn)
  - Indoor ball games (1st year, spring)
  - Cross-country skiing and artistic gymnastics (1st year, spring)
  - Orienteering and outdoor ball games (2nd year, autumn)
  - Skating, swimming (2nd year, autumn and spring)
  - Application of physical education at school and written essay (2nd year, spring)
  - Exam
- Lectures: Orientation Towards Didactics and Pedagogy in Physical Education (6h)
- societal justifications of physical education
  - physical education = education for physical exercise and education through physical exercise
  - latest research in the field of physical exercise and physical education
  - curriculum and the process of physical education
  - approaches towards teaching of physical education
- School Gym as a Physical Education Environment (32 h)
- ball games, including ball handling, basketball, volleyball and floorball
  - gymnastics, including basic-, rhythmic- and artistic gymnastics
  - exercises to develop basic motor skills, physical exercise and learning
- Snow, Ice, and Water as Physical Education Environments (9h)
- cross-country skiing
  - skating
  - swimming ability must be demonstrated
- Immediate Environment of the School During the Autumn and Spring (14 h)
- athletics
  - outdoor ball games, including football and Finnish baseball
  - orienteering, hiking
- Independent Work in Physical Education (LOTTO) (102 h)
- advance assignments in physical education (6-10 h)
  - summaries of actual lessons (10 h)
  - planning of teaching practice for their own group (4 h)
  - preparing for the exam (20 h)
  - "sportfolio" (30 h)
  - learning and practicing swimming (0-20 h)
  - practicing of physical exercise skills (20-40 h)
  - taking part in health-oriented exercising (4-10 h)
  - getting acquainted with the sports culture and physical education events at school (8-20 h)

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Lectures, practical exercises, exam, written essay

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of "Multidisciplinary Studies in the Subjects and Cross-Curricular Themes Taught in Basic Education".

**Recommended or required reading:**

- Heikinaro-Johansson P. ym. (toim) 2007 Näkökulmia Liikuntapedagogiikkaan.
- Peruskoulun opetussuunnitelman perusteet, liikunnan osuus. ( [http://www.oph.fi/saadokset\\_ja\\_ohjeet/opetussuunnitelmien\\_ja\\_tutkintojen\\_perusteet/perusopetus](http://www.oph.fi/saadokset_ja_ohjeet/opetussuunnitelmien_ja_tutkintojen_perusteet/perusopetus))
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaille. ( [http://www.nuorisuomi.fi/fyysisen\\_aktiivisuuden\\_suosituksset](http://www.nuorisuomi.fi/fyysisen_aktiivisuuden_suosituksset))
- Ojanaho M., ym. 2003 Sportfolio - liikunnan opetuksen aapinen.( <http://ktk.ulapland.fi/sportfolio/>)
- Syväoja H. ym 2012 Liikunta ja Oppiminen.( [http://www.oph.fi/julkaisut/2012/liikunta\\_ja\\_oppiminen](http://www.oph.fi/julkaisut/2012/liikunta_ja_oppiminen))
- Sääkslahti A. ym. 2012 Kirja Liikunnasta, Luokkien 3-4 liikunnanopetus.
- Harjoituksissa jaettava materiaali.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

Active participation in the small groups, examination, individual tasks  
 Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

Pass/fail

**Person responsible:**

Niina Loukkola

**Working life cooperation:**

None

*Compulsory***406046A-01: Lectures, Basic Exercise and Gymnastics, 1 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:**

1 ECTS cr

**Language of instruction:**

Finnish. For ITE students, small group teaching is in English.

**Timing:**

1st year, autumn

**Learning outcomes:**

The student

- is able to name the objectives and contents of physical education
- is able to name the core elements of track and field and gymnastics
- is able to describe different methods of teaching physical education

**Contents:**

Lectures: Orientation Towards Didactics and Pedagogy in Physical Education (6h)

- societal justifications of physical education
- physical education = education for physical exercise and education through physical exercise
- latest research in the field of physical exercise and physical education
- curriculum and the process of physical education
- approaches towards teaching of physical education

Track and field (4 h)

- Basics of jumping, throwing and running

Gymnastics (including basic gymnastics and rhythmic gymnastics) ( 10h)

- learning the parts of the body, improving the body awareness
- body control and muscle training, wrestling for the children
- music and movement
- gymnastics with traditional and modern equipment

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Lectures, practical exercises, independent work

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**



None

**Recommended optional programme components:**

The course is part of 6 ECTS cr Physical education studies.

**Recommended or required reading:**

- Heikinaro-Johansson P. ym. (toim) 2007 Näkökulmia Liikuntapedagogiikkaan.
- Peruskoulun opetussuunnitelman perusteet, liikunnan osuus. ( [http://www.oph.fi/saadokset\\_ja\\_ohjeet/opetussuunnitelmien\\_ja\\_tutkintojen\\_perusteet/perusopetus](http://www.oph.fi/saadokset_ja_ohjeet/opetussuunnitelmien_ja_tutkintojen_perusteet/perusopetus))
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaille. ( [http://www.nuorisuomi.fi/fyysisen\\_aktiivisuuden\\_suositukset](http://www.nuorisuomi.fi/fyysisen_aktiivisuuden_suositukset))
- Ojanaho M., ym. 2003 Sportfolio - liikunnan opetuksen aapinen.( <http://ktk.ulapland.fi/sportfolio/>)
- Syväoja H. ym 2012 Liikunta ja Oppiminen.( [http://www.oph.fi/julkaisut/2012/liikunta\\_ja\\_oppiminen](http://www.oph.fi/julkaisut/2012/liikunta_ja_oppiminen))
- Sääkslahti A. ym. 2012 Kirja Liikunnasta, Luokkien 3-4 liikunnanopetus.
- Harjoituksissa jaettava materiaali.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

Active participation in the small groups, individual tasks.

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

**Grading:**

Pass/fail

**Person responsible:**

Niina Loukkola

**Working life cooperation:**

None

**406046A-02: Indoor Ball Games, 1 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:**

1 ECTS cr

**Language of instruction:**

Finnish. For ITE students, small group teaching is in English.

**Timing:**

1st year, spring

**Learning outcomes:**

The student

- is able to name the objectives and contents of indoor ball games
- is able to name the core elements of indoor ball games
- is able to describe different methods of teaching physical education

**Contents:**

- co-operative ball games
- basics of basketball, volleyball and floorball
- elementary playing

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Lectures, practical exercises, independent work

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of 6 ECTS cr Physical education studies.

**Recommended or required reading:**

- Heikinaro-Johansson P. ym. (toim) 2007 Näkökulmia Liikuntapedagogiikkaan.
- Peruskoulun opetussuunnitelman perusteet, liikunnan osuus. ( [http://www.oph.fi/saadokset\\_ja\\_ohjeet/opetussuunnitelmien\\_ja\\_tutkintojen\\_perusteet/perusopetus](http://www.oph.fi/saadokset_ja_ohjeet/opetussuunnitelmien_ja_tutkintojen_perusteet/perusopetus))
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaille. ( [http://www.nuorisuomi.fi/fyysisen\\_aktiivisuuden\\_suosituksset](http://www.nuorisuomi.fi/fyysisen_aktiivisuuden_suosituksset))
- Ojanaho M., ym. 2003 Sportfolio - liikunnan opetuksen aapinen.( <http://ktk.ulapland.fi/sportfolio/>)
- Syväoja H. ym 2012 Liikunta ja Oppiminen.( [http://www.oph.fi/julkaisut/2012/liikunta\\_ja\\_oppiminen](http://www.oph.fi/julkaisut/2012/liikunta_ja_oppiminen))
- Sääkslahti A. ym. 2012 Kirja Liikunnasta, Luokkien 3-4 liikunnanopetus.
- Harjoituksissa jaettava materiaali.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

Active participation in the small groups, individual tasks.

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

**Grading:**

Pass/fail

**Person responsible:**

Niina Loukkola

**Working life cooperation:**

None

**406046A-03: Skiing and Apparatus Gymnastics, 1 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:**

1 ECTS cr

**Language of instruction:**

Finnish. For ITE students, small group teaching is in English

**Timing:**

1st year, spring

**Learning outcomes:**

The student

- is able to name the objectives and contents of cross-country skiing and artistic gymnastics
- is able to name the core elements of cross-country skiing and artistic gymnastics
- is able to describe different methods of teaching physical education

**Contents:**

Cross-country skiing (4h)

- Playing with skis

- main skiing techniques of classic and skating
- Artistic gymnastics (6h)
- movements for the main floor, bench, rings and horizontal bar

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Practical exercises 10 h, independent work

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of 6 ECTS cr Physical education studies.

**Recommended or required reading:**

- Heikinaro-Johansson P. ym. (toim) 2007 Näkökulmia Liikuntapedagogiikkaan.
- Peruskoulun opetussuunnitelman perusteet, liikunnan osuus. ( [http://www.oph.fi/saadokset\\_ja\\_ohjeet/opetussuunnitelmien\\_ja\\_tutkintojen\\_perusteet/perusopetus](http://www.oph.fi/saadokset_ja_ohjeet/opetussuunnitelmien_ja_tutkintojen_perusteet/perusopetus))
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaalle. ( [http://www.nuorisuomi.fi/fyysisen\\_aktiivisuuden\\_suosituksset](http://www.nuorisuomi.fi/fyysisen_aktiivisuuden_suosituksset))
- Ojanaho M., ym. 2003 Sportfolio - liikunnan opetuksen aapinen.( <http://ktk.ulapland.fi/sportfolio/>)
- Syväoja H. ym 2012 Liikunta ja Oppiminen.( [http://www.oph.fi/julkaisut/2012/liikunta\\_ja\\_oppiminen](http://www.oph.fi/julkaisut/2012/liikunta_ja_oppiminen))
- Sääkslahti A. ym. 2012 Kirja Liikunnasta, Luokkien 3-4 liikunnanopetus.
- Harjoituksissa jaettava materiaali.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

Active participation in the small groups, individual tasks.

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

**Grading:**

Pass/fail

**Person responsible:**

Niina Loukkola

**Working life cooperation:**

None

**406046A-04: Orienteering and Outdoor Ball Games, 1 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:**

1 ECTS cr

**Language of instruction:**

Finnish. For ITE students, small group teaching is in English

**Timing:**

2nd year, autumn

**Learning outcomes:**

The student

- is able to name the objectives and contents of orienteering and outdoor ball games
- is able to name the core elements of orienteering and outdoor ball games
- is able to describe different methods of teaching physical education

**Contents:**

Orienteering (4h)

- the main skills of reading a map
- practical exercises of orienteering on basic education grades from 0 to 6

Outdoor ball games (6h)

- basics of Finnish baseball, football and
- elementary playing

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Practical exercises 10h, independent work

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of 6 ECTS cr Physical education studies.

**Recommended or required reading:**

- Heikinaro-Johansson P. ym. (toim) 2007 Näkökulmia Liikuntapedagogiikkaan.
- Peruskoulun opetussuunnitelman perusteet, liikunnan osuus. ( [http://www.oph.fi/saadokset\\_ja\\_ohjeet/opetussuunnitelmien\\_ja\\_tutkintojen\\_perusteet/perusopetus](http://www.oph.fi/saadokset_ja_ohjeet/opetussuunnitelmien_ja_tutkintojen_perusteet/perusopetus))
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaalle. ( [http://www.nuorisuomi.fi/fyysisen\\_aktiivisuuden\\_suosituksset](http://www.nuorisuomi.fi/fyysisen_aktiivisuuden_suosituksset))
- Ojanaho M., ym. 2003 Sportfolio - liikunnan opetuksen aapinen.( <http://ktk.ulapland.fi/sportfolio/>)
- Syväoja H. ym 2012 Liikunta ja Oppiminen.( [http://www.oph.fi/julkaisut/2012/liikunta\\_ja\\_oppiminen](http://www.oph.fi/julkaisut/2012/liikunta_ja_oppiminen))
- Sääkslahti A. ym. 2012 Kirja Liikunnasta, Luokkien 3-4 liikunnanopetus.
- Harjoituksissa jaettava materiaali.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

Active participation in the small groups, individual tasks.

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

**Grading:**

Pass/fail

**Person responsible:**

Niina Loukkola

**Working life cooperation:**

None

**406046A-05: Skating and Swimming Skills, 1 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:**

1 ECTS cr

**Language of instruction:**

Finnish. For ITE students, small group teaching is in English

**Timing:**

2nd year, autumn or spring

**Learning outcomes:**

The student

- is able to name the objectives and contents of skating
- is able to name the core elements of skating
- is able to describe different methods of teaching physical education
- is able to save themselves from the water

**Contents:**

Skating (4h)

- basics of skating, ice games, skating with music

Swimming

- skills will be proved according to the Nordic definition of swimming skills

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Practical exercises, independent work

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of 6 ECTS cr Physical education studies.

**Recommended or required reading:**

- Heikinaro-Johansson P. ym. (toim) 2007 Näkökulmia Liikuntapedagogiikkaan.
- Peruskoulun opetussuunnitelman perusteet, liikunnan osuus. ( [http://www.oph.fi/saadokset\\_ja\\_ohjeet/opetussuunnitelmien\\_ja\\_tutkintojen\\_perusteet/perusopetus](http://www.oph.fi/saadokset_ja_ohjeet/opetussuunnitelmien_ja_tutkintojen_perusteet/perusopetus))
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaille. ( [http://www.nuorisuomi.fi/fyysisen\\_aktiivisuuden\\_suosituksset](http://www.nuorisuomi.fi/fyysisen_aktiivisuuden_suosituksset))
- Ojanaho M., ym. 2003 Sportfolio - liikunnan opetuksen aapinen.( <http://ktk.ulapland.fi/sportfolio/>)
- Syväoja H. ym 2012 Liikunta ja Oppiminen.( [http://www.oph.fi/julkaisut/2012/liikunta\\_ja\\_oppiminen](http://www.oph.fi/julkaisut/2012/liikunta_ja_oppiminen))
- Sääkslahti A. ym. 2012 Kirja Liikunnasta, Luokkien 3-4 liikunnanopetus.
- Harjoituksissa jaettava materiaali.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

Active participation in the small groups, individual tasks.

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

**Grading:**

Pass/fail

**Person responsible:**

Niina Loukkola

**Working life cooperation:**

None

**406046A-06: Application of Physical Education at School and an Integrative Assignment, 1 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:**

1 ECTS cr

**Language of instruction:**

Finnish. For ITE students, small group teaching is in English.

**Timing:**

2nd year, spring

**Learning outcomes:**

The student

- is able to name the objectives and contents of physical education
- knows how to
- is able to describe different methods of teaching physical education

**Contents:**

Application of physical education at school (8h)

- getting familiar with curriculum of physical education
- planning, carrying out and evaluating physical education

Written essay of physical education

- reflection of students past, Multidisciplinary studies in the subjects and cross-curricular themes taught in basic education, and their own physical education principles

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Practical exercises: Application of physical education at school 8h and independent work

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of 6 ECTS cr Physical education studies.

**Recommended or required reading:**

- Heikinaro-Johansson P. ym. (toim) 2007 Näkökulmia Liikuntapedagogiikkaan.
- Peruskoulun opetussuunnitelman perusteet, liikunnan osuus. ( [http://www.oph.fi/saadokset\\_ja\\_ohjeet/opetussuunnitelmien\\_ja\\_tutkintojen\\_perusteet/perusopetus](http://www.oph.fi/saadokset_ja_ohjeet/opetussuunnitelmien_ja_tutkintojen_perusteet/perusopetus))
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaalle. ( [http://www.nuorisuomi.fi/fyysisen\\_aktiivisuuden\\_suosituksset](http://www.nuorisuomi.fi/fyysisen_aktiivisuuden_suosituksset))
- Ojanaho M., ym. 2003 Sportfolio - liikunnan opetuksen aapinen.( <http://ktk.ulapland.fi/sportfolio/>)
- Syväoja H. ym 2012 Liikunta ja Oppiminen.( [http://www.oph.fi/julkaisut/2012/liikunta\\_ja\\_oppiminen](http://www.oph.fi/julkaisut/2012/liikunta_ja_oppiminen))
- Sääkslahti A. ym. 2012 Kirja Liikunnasta, Luokkien 3-4 liikunnanopetus.
- Harjoituksissa jaettava materiaali.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

Active participation in the small groups, individual tasks.

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

**Grading:**

Pass/fail

**Person responsible:**

Niina Loukkola

**Working life cooperation:**

None

**406046A-07: Examination, 0 op****Voimassaolo:** 01.08.2013 -**Opiskelumuoto:** Intermediate Studies**Laji:** Partial credit**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Recommended or required reading:**

- Heikinaro-Johansson P. ym. (toim) 2007 Näkökulmia Liikuntapedagogiikkaan.
- Peruskoulun opetussuunnitelman perusteet, liikunnan osuus. ( [http://www.oph.fi/saadokset\\_ja\\_ohjeet/opetussuunnitelmien\\_ja\\_tutkintojen\\_perusteet/perusopetus](http://www.oph.fi/saadokset_ja_ohjeet/opetussuunnitelmien_ja_tutkintojen_perusteet/perusopetus))
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaalle. ( [http://www.nuorisuomi.fi/fyysisen\\_aktiivisuuden\\_suosituksset](http://www.nuorisuomi.fi/fyysisen_aktiivisuuden_suosituksset))
- Ojanaho M., ym. 2003 Sportfolio - liikunnan opetuksen aapinen.( <http://ktk.ulapland.fi/sportfolio/>)
- Syväoja H. ym 2012 Liikunta ja Oppiminen.( [http://www.oph.fi/julkaisut/2012/liikunta\\_ja\\_oppiminen](http://www.oph.fi/julkaisut/2012/liikunta_ja_oppiminen))
- Sääkslahti A. ym. 2012 Kirja Liikunnasta, Luokkien 3-4 liikunnanopetus.
- Harjoituksissa jaettava materiaali.

You can check the availability of the course books via [this link](#).**Assessment methods and criteria:**Read more about [assessment criteria](#) at the University of Oulu webpage.*Student must also choose either Religion or Ethics and Textile Work or Technical Work***406023A: Religion, 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 credits

**Language of instruction:**

Finnish. For ITE students, small group teaching is in English.

**Timing:**

1st or 2nd year

**Learning outcomes:**

The aim of the module is orientate students towards the development of teacher's intercultural professional competence in teaching the Religious Education so that they can teach, plan and evaluate the pedagogical elements needed in the teaching of the subject in context of the Finnish Elementary School by

- giving basic knowledge about the goals, contents and methods of RE in the Finnish elementary school
- developing students capacity to recognize and deepen his/her knowledge, understanding and perspective into the teachers professional competence in RE
- to develop the larger frame of reference and understanding in the field of RE
- to develop the capacity to evaluate his/her professional progress as a professional of RE at school

**Contents:**

- What is religious education at school (in the Finnish society and cultural context)
- What is religion and its meaning
- Religion as a phenomenon of the human growth and development
- The didactic in the religious education
- Multicultural and intercultural perspectives in religious education at school
- Intercultural competence and sensitivity as a part of the teacher's professional competence

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Lectures 8 h, workshops 12 h, students active independent studies 32 h

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

No

**Recommended optional programme components:**

The course is part of "Multidisciplinary Studies in the Subjects and Cross-Curricular Themes Taught in Basic Education".

**Recommended or required reading:**

OPS 2004: [www.edu.fi](http://www.edu.fi) ,

Watson, Brenda (2006) The effective teaching of religious education / Brenda Watson and Penny Thompson. (2nd ed.) Harlow Pearson Education, Longman. (also the 1<sup>st</sup> ed in 1993)

Pedagogies of Religious Education (2006) Michael Grimmitt (Ed.) Great Wakering, Essex. UK.

Kallioniemi A. & Luodeslampi J. Toim. (2005) Uskonto uudella vuosituohannella. Kirjapaja. Helsinki.

Kurssikirjojen saatavuuden voi tarkastaa [tästä linkistä](#).

Literature (in English): Introduced by the M.Ed. lecturers at the beginning of the course.

**Assessment methods and criteria:**

Active studying in lectures and workshops, presentation in workshop, essay

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

**Grading:**

0 - 5

**Person responsible:**

Markku Salakka

**Working life cooperation:**

No

**Other information:**

Religion is alternative study module with Ethics.

**406024A: Ethics, 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. For ITE students, small group teaching is in English.

**Timing:**

1st or 2nd year

**Learning outcomes:**

The aim of the module is orientate students towards the development of teacher's intercultural professional competence in teaching the Philosophy of Life so that they can teach, plan and evaluate the pedagogical elements needed in teaching of the subject in context of the Finnish Elementary School.

**Contents:**

Philosophy of Life as a subject of the Finnish Elementary School, the history, content and the ethical statements of the subject in Finland, the practical arrangements of the teaching, philosophy of life, its structure and and its relation to human action, ethics, didactics in the subject

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

lectures 8 h, workshops 12 h, independent work 32 h

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The course is part of "Multidisciplinary Studies in the Subjects and Cross-Curricular Themes Taught in Basic Education".

**Recommended or required reading:**

POPS 2004: [www.edu.fi](http://www.edu.fi) , Juuso, Hannu (2007) Child, philosophy and education [Elektroninen aineisto] : discussing the intellectual sources of Philosophy for Children Diss. Oulun yliopisto, kasvatustieteiden tiedekunta, kasvatustieteiden ja opettajankoulutuksen yksikkö. <http://herkules.oulu.fi/isbn9789514285509/>, Studies in philosophy for children (1992) A. M. Sharp & R. F. Ree. Temple University Press. Philadelphia. The availability of the literature can be checked in [this link](#).

**Assessment methods and criteria:**

Active participating in lectures and workshops, presentation in workshop, essay  
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**

0 - 5

**Person responsible:**

Markku Salakka

**Working life cooperation:**

None

**Other information:**

Ethics is mutually optional with Religion.

**406047A: Crafts/Textile Work and Technology, 6 op**

**Voimassaolo:** 01.08.2013 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

6 ECTS cr

**Language of instruction:**

Finnish

**Timing:**

1<sup>st</sup> and 2<sup>nd</sup> year

**Learning outcomes:**

The student achieves a basic ability to teach handicrafts in primary school grades 0-6 and understands the main characteristics of craft science and craft, art and technology education as the scientific basis of textile work.

For more details, see each course.

**Contents:**

The studies in Handicrafts/Textile Work are divided into four courses:

1. Handicrafts at School - Past and Present
  - students are familiarised with the historical development of school handicrafts and handicrafts education in Finland
2. User-Centeredness as a Basis of Handicrafts: From Fibre to Product
  - students collaborate to design and manufacture various product prototypes using the methods of handicrafts
  - theoretical contents, the practical process and the student's own learning are documented and analysed in a portfolio
3. User-Centeredness as a Basis of Handicrafts: Techniques in Handicrafts
  - familiarisation with fibres, yarns and fabrics
  - students design and manufacture a product using the methods of clothing technology
  - theoretical contents, the practical process and the student's own learning is documented and analysed in writing
4. Pedagogy and Didactics of Textile Work
  - outline problem-based learning and teaching in handicrafts
  - carry out collaborative exercises

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

To be announced for each individual course.

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

The studies are part of the "Multidisciplinary Studies in Subjects and Cross-Curricular Themes Taught in Basic Education".

**Recommended or required reading:**

To be detailed in course-specific descriptions.

**Assessment methods and criteria:**

The studies are implemented through small group sessions and independent/group work.

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

**Grading:**

0 - 5

**Person responsible:**

Marjut Sarkkinen and Leena Hartikka

**Working life cooperation:**

None

*Compulsory*

**406047A-01: School Handicrafts Before and Now, 1 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:**

1 ECTS cr

**Language of instruction:**

Finnish

**Timing:**1<sup>st</sup> year, autumn**Learning outcomes:**

The student knows how to:

- identify the historical traits of school handicrafts
- introduce the historical and cultural periods of handicrafts as applied to the modern times that influence contemporary work
- demonstrate knowledge and skills by writing an essay or in an exam

**Contents:**

The students are familiarised with the timeline of school handicrafts and handicraft education in Finland

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Introductory lecture 2 h, independent work 13 h.

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

User-Centeredness as a Basis of Handicrafts, Pedagogy and Didactics of Textile Work

**Recommended or required reading:**

- Suojanen, U. (1993) Käsityökasvatuksen perusteet.
- Ihatsu A-M. 2005. Käsityö suomalaisessa kulttuurissa. Käsityö – uusiutuva luonnonvara. Teoksessa L. Kaukinen & M. Collanus (toim.) Tekstejä ja kangastuksia. Puheenvuoroja käsityöstä ja sen tulevaisuudesta. Artefacta 17. Tampere: Juvenes Print.
- Marjanen, P. (2012). Koulukäsityö vuosina 1866-2003. Kodin hyvinvointiin kasvattavista tavoitteista kohti elämänhallinnan taitoja. Turun yliopisto.
- Teoksessa Taide ja taito – kiinni elämässä! P. Seitamaa-Hakkarainen; Pohdintoja käsityön kuvasta. Opetushallitus: Taitai, taide- ja taitokasvatus.
- Suojanen, U. (1993) Käsityökasvatuksen perusteet.
- Ihatsu A-M. 2005. Käsityö suomalaisessa kulttuurissa. Käsityö – uusiutuva luonnonvara. Teoksessa L. Kaukinen & M. Collanus (toim.) Tekstejä ja kangastuksia. Puheenvuoroja käsityöstä ja sen tulevaisuudesta. Artefacta 17. Tampere: Juvenes Print.
- Marjanen, P. (2012). Koulukäsityö vuosina 1866-2003. Kodin hyvinvointiin kasvattavista tavoitteista kohti elämänhallinnan taitoja. Turun yliopisto.
- Teoksessa Taide ja taito – kiinni elämässä! P. Seitamaa-Hakkarainen; Pohdintoja käsityön kuvasta. Opetushallitus: Taitai, taide- ja taitokasvatus.

Current literature and articles.

You can check the availability of the course books via [this link](#).**Assessment methods and criteria:**

The studies are completed by taking part in the introductory lectures and by writing an essay /passing the exam.

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

**Grading:**

Pass/fail

**Person responsible:**

Marjut Sarkkinen and Leena Hartikka

**Working life cooperation:**

None

**406047A-02: User Centredness as a Starting Point for Handicrafts: from Fibre to a Product, 2 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:**

2 ECTS cr

**Language of instruction:**

Finnish

**Timing:**

1<sup>st</sup> year, autumn or spring

**Learning outcomes:**

The student knows how to:

- apply and introduce user-centred design methods
- produce products appropriate for craftsmanship, technological problem solving and children's world of handicrafts
- document their progress in writing

**Contents:**

Contents:

- familiarisation with fibres, yarns and fabrics
- students design and manufacture a product using the methods of clothing technology
- theoretical contents, the practical process and the student's own learning is documented and analysed in writing

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Lectures and small group sessions 24 h, independent work 26 h

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

Handicrafts at School - Past and Present, Techniques in Textile Work

**Recommended or required reading:**

- R. Huovila, T. Hintsa & J. Säilä (2009). Kirja käsityöstä. Luokkien 3-6 käsityöopetus. WSOY: Porvoo.
- Karhu, P., Malmström, M. & Mannila, T. (2002) Hyvä sauma.

- R. Saramäki, J. Palmu & K. Piippo (2006 ja 2010). Joka tyypin kaavakirja I ja II. WSOY: Helsinki.
- Suojanen, U. (1993) Käsityökasvatuksen perusteet.

Other books specific to particular techniques.

Study materials as applicable.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

The studies are implemented through small group sessions and independent/group work.

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

**Grading:**

0 - 5

**Person responsible:**

Marjut Sarkkinen and Leena Hartikka

**Working life cooperation:**

None

**406047A-03: User Centredness as a Starting Point for Handicrafts: Techniques in Textile Work, 2 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:**

2 cr

**Language of instruction:**

Finnish

**Timing:**

Periods 1 and 2

**Learning outcomes:**

The student knows how to:

- apply and put into use various techniques in textile work
- manufacture products that are suitable for arts and crafts, technological problem solving and children's world of handicrafts
- document the progress of her/his work in a portfolio

**Contents:**

Contents:

- plan and manufacture various prototype products collaboratively using the methods of handicrafts
- document and analyse the theoretical contents, practical process and own learning in a portfolio

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

24 h lectures and small group sessions, 26 h independent work

**Target group:**

Primary teacher education programmes, 1<sup>st</sup> year

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

Handicrafts at School - Past and Present, From Fibre to Product

**Recommended or required reading:**

R. Huovila, T. Hintsä & J. Säilä (2009). Kirja käsityöstä. Luokkien 3-6 käsityönopetus. WSOY: Porvoo.

Karhu, P., Malmström, M. & Mannila, T. (2002) Hyvä sauma.

Suojanen, U. (1993) Käsityökasvatuksen perusteet.

Other books specific to particular techniques.

Study materials as applicable.

**Assessment methods and criteria:**

The studies are implemented as small group sessions and independent/group work.

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

**Grading:**

0-5

**Person responsible:**

Leena Hartikka ja Marjut Sarkkinen

**Working life cooperation:**

None

**406047A-04: Pedagogy and Didactics of Textile Work, 1 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:**

1 ECTS cr

**Language of instruction:**

Finnish

**Timing:**

2<sup>nd</sup> year, autumn

**Learning outcomes:**

The student knows how to:

- identify and use processes of product design, manufacture and assessment in the frame of reference of craft, technology and art education
- make use of new teaching aids

**Contents:**

Contents:

- an outline of problem-based learning and teaching in handicrafts
- collaborative exercises

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Lectures and small group sessions 10 h, independent work 13 h.

**Target group:**

Primary teacher students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

Handicrafts at School - Past and Present, Techniques in Textile Work, From Fibre to Product

**Recommended or required reading:**

- R. Huovila, T. Hintsa & J. Säilä (2009). Kirja käsityöstä. Luokkien 3-6 käsityönopetus. WSOY: Porvoo.
- S. Aadel & al. (2009). Käsityön työturvallisuusopas. teknisen työn ja tekstiilityön opetukseen. Opetushallitus.
- E. Syrjäläinen. (2003) Käsityönopettajan pedagogisen tiedon lähteeltä: Persoonalliset toimintatavat ja periaatteet käsityön opetuksen kontekstissa. Helsingin yliopiston Kotitalous- ja käsityötieteen laitos.
- Perusopetuksen opetussuunnitelman perusteet: Käsityö. 2004.
- Kunta- ja koulutuskohtaiset opetussuunnitelmat.
- Tapaninen, R. (toim.) (2002) Peruskoulun käsityön opetustilojen suunnitteluopas. Tekninen työ ja tekstiilityö

Learning materials as applicable.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

The studies are implemented through small group sessions and independent/group work.

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

**Grading:**

Assessment is implemented collaboratively and by means of peer, self and teacher assessment. Credits are given for the exercises. Pass / Fail

**Person responsible:**

Marjut Sarkkinen and Leena Hartikka

**Working life cooperation:**

None

**406048A: Crafts/Technical Work and Technology, 6 op**

**Voimassaolo:** 01.08.2013 -

**Opiskelumoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** Finnish

**Voidaan suorittaa useasti:** Kyllä

**ECTS Credits:**

6 cr

**Language of instruction:**

Finnish

**Timing:**

1st year

**Learning outcomes:**

The student achieves a basic ability to teach technical work in primary school grades 0-6. For more details, see each course.

**Contents:**

The course focuses on two types of the course in the form of technical work to teach the lower grades of elementary school. Three credits of the criteria in section students receive the knowledge and skills to use the most common tools and materials. In the second three-point applications section initially focuses on criteria yet, but will be continued in accordance with the requirements of the surrounding community access

to information and building the application. Throughout the entire study period characterized by the emphasis on safety.

**Mode of delivery:**

classroom teaching

**Learning activities and teaching methods:**

Lectures and small group work

**Target group:**

Primary teacher education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

406048A-01 Technical Work Basics (3 op)

406048A-02 Technology Applications (3 op)

**Recommended or required reading:**

To be detailed in course-specific descriptions.

**Assessment methods and criteria:**

Active participation in classroom work, assignments, written outputs.

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

**Grading:**

0-5

**Person responsible:**

Juha-Matti Turpeinen

**Working life cooperation:**

None

*Compulsory*

**406048A-01: Basics of Technical Work, 3 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:**

3 cr

**Language of instruction:**

Finnish

**Timing:**

First year

**Learning outcomes:**

After the course the student is able to

- The most common use of machinery and equipment required for wood and metal working primary school technical work.
- teach the most typical wood and metalworking hand tools for safe use of primary school children.
- To plan, implement and evaluate small-scale themes (technology education point of view) primary school technical work.

**Contents:**



Course contents:

- primary school curriculum, methods and tools
- the teacher's own use are suitable for woodworking
- the lower elementary school grades are suitable for work
- Safety instruction
- assessment of learning processes and crafts
- combine creativity, responsibility, and self-help in the work

**Mode of delivery:**

classroom teaching

**Learning activities and teaching methods:**

Lectures 8 h and small group work 22 h

**Target group:**

Primary teacher education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

406048A-02 Teknologian sovellukset (3 op)

**Recommended or required reading:**

- Jaana Inki, Eila Lindfors, Jaakko Sohlo (toim.) 2011. Käsityön työturvallisuusopas perusopetuksen teknisen työn ja tekstiilityön opetukseen. Opetushallitus.

You can check the availability of the course books via [this link](#).

- Other learning materials will be agreed on at the beginning of the course

**Assessment methods and criteria:**

Active participation in classroom work, assignments, written outputs.

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

**Grading:**

0-5

**Person responsible:**

Juha-Matti Turpeinen

**Working life cooperation:**

None

#### 406048A-02: Technology Applications, 3 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:**

3 cr

**Language of instruction:**

Finnish

**Timing:**

First year

**Learning outcomes:**

After the course the student is able to

- The most common use of machinery and equipment required for plastic machining basic subclasses technical work.
- teach the most typical plastic machining for the safe use of hand tools from primary school children.

- apply the basics of mechanics, basic subclasses in the technical work.
- apply the basic rudiments of electronics subclasses in the technical work.
- To plan, implement and evaluate small-scale subjects from the perspective of technology education from primary school technical work.

**Contents:**

Course contents:

- electronics basic concepts and methods
- plastic work
- Mechanics and simple methods
- the craft of teaching design, implementation, and making learning material
- Safety instruction
- the future work life practices

**Mode of delivery:**

classroom teaching

**Learning activities and teaching methods:**

Lectures 8 h and small group work 22 h

**Target group:**

Primary teacher education students

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

406048A Käsityö, tekninen työ ja teknologia (6 op):

- 406048A-01 Teknisen työn perusteet (3 op)

**Recommended or required reading:**

- Jaana Inki, Eila Lindfors, Jaakko Sohlo (toim.) 2011. Käsityön työturvallisuusopas perusopetuksen teknisen työn ja tekstiilityön opetukseen. Opetushallitus.

You can check the availability of the course books via [this link](#).

- Other learning materials will be agreed on at the beginning of the course

**Assessment methods and criteria:**

Active participation in classroom work, assignments, written outputs.

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

**Grading:**

0-5

**Person responsible:**

Juha-Matti Turpeinen

**Working life cooperation:**

None

*Student completes either School Experience II: Bachelor's Level 407032A (LO, TAIKA, TEKNO) or 407517A (ITE)*

**407032A: School Experience II: Bachelor's Level, 6 op**

**Voimassaolo:** 01.08.2006 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Practical training

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

6 cr

**Language of instruction:**

Finnish

**Timing:**

Second year, Bachelor level

**Learning outcomes:**

After completion, the student will be able to:

- analyse their own perspectives on teaching and pedagogy
- understand the significance of responsibility/accountability in pedagogy
- plan and realize teaching according to curricula and lesson plans
- appreciate the distinctive features of different subjects
- evaluate student performance and learning
- evaluate their own teaching
- be familiar with professional working habits and apply them

**Contents:**

The School Experience II: Bachelor's level course is part of the multidisciplinary studies in the subjects and cross-curricular themes taught in basic education.

The principle theme is teaching and learning. During the practice period the students are expected to enhance their working knowledge and understanding of the topics covered in the Pedagogical Seminar II: Knowing the Pupils and Interaction by practical work in a school and classroom environment. In addition, the practice will introduce new themes: kinds of learning, learning problems and student care.

The School Experience II: Bachelor's level course provides the students with the possibility to practice basic skills as well as work on their planning, realizing and evaluating skills. Students become familiar with planning at different levels - from single lesson plans to curricula and using flexible and situation-specific teaching approaches in their teaching to critical assessment.

Hence, it is possible for the students to familiarize themselves with important phenomena and core concepts in pedagogical activity, e.g. the pedagogical relationship, discretion, facing the child, and teacher responsibility. The student is also given the chance to take notice of and explore the link between educational research and teaching.

**Place:** Oulu Normal School (teaching school), grades 0-6

**Duration:** 6 calendar weeks

**Mode of delivery:**

Teaching Practice

**Learning activities and teaching methods:**

**Description:** The School Experience II: Bachelor's level constitutes 160 h half of which is at a specified time and place at the normal school, including both lesson-observation and supervisions.

The School Experience II: Bachelor's level will involve practicing teaching in either Maths or Finnish (A1), in accordance with class level and lesson resources. In addition, the student will teach at least one Arts and Crafts subject (Physical Education, Art, Music, Textiles, or Technical Crafts).

The student will also teach one of the following subjects: History, Religion/World Views, Physics and Chemistry, Biology, Geography, Environmental Sciences. There will be a total of 20 lessons, of which 8 are during group-work weeks and 12 during independent teaching weeks. Apart from lesson-holding, the students will also follow classes in a second Arts and Crafts subject for a total of 4 lessons.

The remaining 56 hours of pre-set school practice work consists of actively following the assigned homeroom's various lessons and the supervision sessions given by the teaching lecturer and the KASOPE (Educational Sciences and Training Dept) staff.

During the practice programme, the level of independence in teaching will grow gradually. In the beginning, the work will be undertaken in groups formed of fellow students and an appointed teacher, and only later will it be undertaken at a more independent level.

The six calendar weeks in this course are thus structured as follows :

- **The 1st week** is a monitoring week. At the end of the monitoring week, the students working in the same class implement as a group two lessons connected with the school's cross-curricular themes.
- **The 2nd week** is a pairs teaching week. The student plans and implements six lessons together with his or her pair.
- **Weeks 3 to 6** are individual teaching weeks. During these weeks the student plans and implements 12 lessons in mathematics or mother tongue, one subject representing arts, crafts and physical education, and one subject to be assigned on a case by case basis. All the subjects to be taught by a student are to be found in the list of trainees.

During the group work stage, emphasis will be placed on the basic skills involving lesson-planning, lesson-holding, and evaluation for different pupil-groups and situations. During the independent work stage, the

aim is for the teacher student to come up with new ideas and try out different teaching methods according to the pupils' ways of learning and subject-specific teaching methods.

**Supervision:** During The School Experience II: Bachelor's level, supervision will be provided by the teaching lecturers at normal school as well as group supervision in subject didactics offered by the staff at the Faculty of Education.

**Information seminar:** The School Experience II: Bachelor's level will begin with an information seminar in the canteen of the normal primary school (0-6).

**Assessment:** The teaching lecturer of the class will assess student performance on the basis of assessment discussions and the student's pedagogical portfolio on a scale of pass/conditional/retake. A successful pass will be marked in the teaching practice card, which will also be signed by the arts or crafts subject didactics lecturer.

A failed course may have to be repeated or supplemented. A failed school experience course can be repeated twice. There are special instructions for supplementing or repeating a failed school experience course. If you register for the course but fail to attend, it will be counted as a fail.

**Target group:**

Primary teacher students (Not ITE- students)

**Prerequisites and co-requisites:**

Before commencing The School Experience II: Bachelor's level, the student must have completed at least 50 ECTs of their Bachelor level studies, including Mathematical Didactics Part I (3 cr), Literacy (4 cr) and the Orientation practice period (2 cr). The courses must be completed before the deadline for registration.

**Recommended optional programme components:**

Pedagogical Seminar II: Teacher as a Learning Guide

**Recommended or required reading:**

None

**Assessment methods and criteria:**

Practical training

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:** Registrations for the spring term The School Experience II: Bachelor's level course are accepted until the end of November in the preceding autumn term, and for the autumn course until the end of May in the preceding spring term.

The School Experience courses for students doing Bachelor studies are organized by group. Information on the timing of each group's course can be found on the web page for teaching practice in primary teacher education.

Registration for the school experience periods is done on weboodi. Students will be informed by e-mail when the registration form is open. You shall fill in the form with great care.

Registrations can be cancelled by a deadline to be announced at a later date. If a student does not cancel his or her registration by the deadline and fails to participate in the practice, s/he is awarded a fail for the practice period.

**407517A: School Experience II: Bachelor's Level, 6 op**

**Voimassaolo:** 01.08.2006 -

**Opiskelumuoto:** Intermediate Studies

**Laji:** Practical training

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

6 credits

**Language of instruction:**

Varies according to where the practice takes place

**Timing:**

Second year spring term

**Learning outcomes:**

The student

- is aware of the challenges and opportunities in working in multilingual/ intercultural/ international schools
- is capable of analysing and reporting on his own view of 'teachership' and intercultural education
- knows how to explain the significance of responsibility in pedagogical activity
- knows how to plan and implement teaching based on the local and/or international curricula
- knows how to evaluate the special characteristics of different subjects in primary education
- is able to assess pupils' learning
- is able to assess his/her own activity as a teacher
- knows how to utilize and contribute to synergy among colleagues in developing activities

**Contents:**

Duration: six calendar weeks.

School Experience II is related to Multidisciplinary Studies in the Subjects and Cross-curricular Themes Taught in Basic Education (A256402).

The overarching theme in this practice is teaching and learning with special reference multilingual/ intercultural/ international school settings. The purpose is that the student should deepen and enrich her /his personal understanding of the themes introduced in the courses "Curriculum, Planning and Evaluation of Teaching" and "Pedagogical Seminar II" through hands-on work in the classroom. Other themes that will emerge in this practice will include different learners, obstacles to learning and pupil welfare.

School Experience II offers the student an opportunity to practice the fundamental skills of planning, implementing and evaluation of lessons and longer periods of teaching. The emphasis is on critical evaluation of one's own teaching, and on how the teaching circumstances require flexible implementation of plans which are nevertheless based on the core framework.

From the experience, the student will use this opportunity to study the main phenomena and concepts of pedagogical action, such as pedagogical relationships, pedagogical tact, encountering the child and teacher responsibility, all in the context intercultural education.

The student also has an opportunity to observe and consider how educational research and its results are linked to the work of a teacher.

**Mode of delivery:**

The teaching practice is carried out in a school either in Finland or abroad.

**Learning activities and teaching methods:**

The whole practice represents 160 hours of work, half of which (80 hours) consists of school work, and observation of lessons.

This practice is timed to be immediately after the completion of all the modules of 'Multidisciplinary Studies in the Subjects and Cross-curricular Themes taught in Basic Education'; lessons should be planned and delivered that touch on all modules of the Multidisciplinary Studies.

The student should develop and experiment with various teaching methods appropriate for different learners that address the special characteristics of different subjects and cross-curricular themes. At all times there should be reflection on issues related to intercultural matters.

There must be a particular colleague or mentor from the permanent staff of the school who will work with the student.

School Experience II is supervised by the tutor of Seminar II, and additional advice can be sought from the university teachers responsible for the various Multidisciplinary Studies modules.

**Target group:**

Students in the Intercultural Teacher Education Programme

**Prerequisites and co-requisites:**

School Experience I, Seminar I

**Recommended optional programme components:**

School Experience I, Seminar I

**Assessment methods and criteria:**

The students shall write a report on the practice. This report will be added to the Pedagogical Portfolio begun in School Experience I and Seminar I.

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

**Grading:**

Pass/ to be supplemented/ fail. The Seminar II tutor assesses the course based on assessment discussions with the student, and the report and reflections that have been added to the portfolio.

**Person responsible:**

Vesa-Matti Sarenius, Gordon Roberts

**Working life cooperation:**

Yes

**Other information:**

Registering: once arrangements with the host school have been finalised, and a letter/message of confirmation from the school has been shown to either of the persons responsible for the practice, the student registers for the practice. This must be done before the practice itself commences.

**A250510: Advanced Studies in Education, 70 - 80 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Study module

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

80 credits

**Language of instruction:**

English

**Timing:**

4th and 5th study year

**Learning outcomes:**

Evaluate critically academic research.

Apply academic research methods in educational processes.

Justify own expertise and competences in professional educational tasks.

Students are able to exercise socially responsible and ethically sustainable leadership in the field of intercultural, development and global education

Students are able to conduct and utilize research creatively as a basis for teaching, learning, curriculum design and assessment in complex and diverse education environments in local and global contexts

Students are able to examine the constantly changing nature of education and society, recognizing professional development as a collaborative process of lifelong and lifewide learning

**Contents:**

408501S Global Education 5cr

408502S Development and Education 4cr

408503S Educational Policy and Leadership 5cr

408519S School Experience II: Master's Level 8cr

408520S Advanced Professional Practice 9cr

408508S Seminar III: Education and Professional Ethics 3cr

*Elective course (a or b):*

*413030S a) Advanced course in quantitative research 5cr*

*413030S-01 1) Lectures 3cr*

*413030S-02 2) Exercises 2cr*

OR

*413031S b) Advanced course in qualitative research*

*413031S-01 1) Lectures 2cr*

*413031S-02 2) Exercises 3cr*

408510S Master's Thesis 40cr

408511S Educational Administration 1/2cr

**Mode of delivery:**

Face-to-face teaching

**Learning activities and teaching methods:**

Varies according to the study units.

**Target group:**

ITE students

**Prerequisites and co-requisites:**

General level and Special level studies in education (25+40)

**Recommended optional programme components:**

The module includes the courses listed above.

**Recommended or required reading:**

Varies according to the study units

**Assessment methods and criteria:**

Varies according to the study units

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

**Grading:**

0 - 5

**Person responsible:**

Maria-Liisa Järvelä

**Working life cooperation:**

Yes. Advanced Professional Practice 9cr and School Experience II: Master's Level 8cr

*Advanced Studies include the following mandatory courses:*

**408525S: Global Education and Development, 5 op**

**Voimassaolo:** 01.08.2013 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**ECTS Credits:**

5 credits

**Language of instruction:**

English

**Timing:**

4th year, autumn

**Learning outcomes:**

- Examine the basis of different conceptualisations of global education
- Demonstrate an awareness of debates in sub-areas of global education such as development education, peace education, education for sustainable development, human rights education and intercultural education
- Apply critical literacy to analyse, choose and adapt global education approaches and resources in the classroom and to introduce different perspectives in teaching
- Demonstrate an awareness of emerging educational theories that promote an ethical relationship to individuals and communities
- Use educational theory to create informed pedagogical practices

**Contents:**

- Histories, definitions and strategies of global education internationally
- Global education in the Finnish context
- Pedagogical debates and critical literacy in global and development education
- Debates in different fields of Global education
- Debates in global citizenship education

**Mode of delivery:**

face-to-face teaching

**Learning activities and teaching methods:**

Seminars 50 h

**Target group:**

Students in the Intercultural Teacher Education Programme

**Recommended optional programme components:**

The course is part of the advanced studies in education.

**Recommended or required reading:**

Audrey Osler and Hugh Starkey: Changing citizenship : democracy and inclusion in education. Maidenhead, England : Open University Press, 2005. Oulu University e-library.

You can check the availability of the course books via [this link](#).

**Assessment methods and criteria:**

Essay or examination

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

**Grading:**

0-5

**Person responsible:**

Vanessa Andreotti

**Working life cooperation:**

None

**408526S: Educational Policy and Leadership, 3 op**

**Voimassaolo:** 01.08.2013 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 op

**Language of instruction:**

English

**Timing:**

5th year, autumn

**Learning outcomes:**

- Define the functions of educational policy and the tensions between policy making and implementation.
- Analyse national and international policies and discuss the processes of decision making, planning and implementation at national and international levels.
- Apply key concepts in informed decision making in relation to problem-solving tasks in educational policy, planning and leadership.
- Demonstrate principles of socially responsible educational leadership.

**Contents:**

- current issues in educational politics
- educational policy and planning in different contexts
- strategic management, implementation and leadership
- educational policy in Finland: historical stages and key documents
- the role of international organizations in educational policy
- different theories of leadership and change

**Mode of delivery:**

Face-to-face teaching



**Learning activities and teaching methods:**

20 h lectures, 10 h seminars, 51 h independent study

**Target group:**

Students in the Intercultural Teacher Education Programme

**Prerequisites and co-requisites:**

None

**Recommended optional programme components:**

None

**Recommended or required reading:**

Rizvi, F. and Lingard, B. (2009) Globalizing Education Policy. New York: Routledge.

Sterling, S. (2001) Sustainable Education - Re-visioning learning and change, Schumacher Briefing no6. Schumacher Society/Green Books, Dartington.

The availability of the literature can be checked in [this link](#).

**Assessment methods and criteria:**

exam based on choice of literature

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

**Grading:**

0-5

**Person responsible:**

Vanessa Andreotti and Katri Jokikokko

**Working life cooperation:**

None

**408520S: Thematic Practice: Master's Level, 6 op**

**Voimassaolo:** 01.08.2006 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Practical training

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**ECTS Credits:**

6 credits

**Language of instruction:**

Varies

**Timing:**

Fourth or fifth year.

**Learning outcomes:**

After passing the course, the student

- understands the ethical dimension of education
- can analyse professional ethical issues
- can apply his/her knowledge to further develop his/her personal educational philosophy
- can evaluate and apply his/her multidisciplinary and multiprofessional skills

**Contents:**

- ethical questions in education from local and global perspectives
- development of one's educational philosophy and professionalism
- planning, evaluating and reporting on the practice

**Learning activities and teaching methods:**

Place: a school or other educational institution or organisation in Finland or abroad

Description: students may decide on the nature of the practice according to their own educational interests. For example, the practice may involve working on or carrying out a project, research activities or teaching. Thematic Practice should be carried out in a single practice place.

Duration: 5-8 working weeks.

Supervision: the student shall agree on a tutor for his or her practice period at the Department, based on the theme of his/her practice period. Tutoring by the Department is divided into pre- and post-practice tutoring (totalling approx. 2 hours). In pre-practice tutoring, the tutor and student negotiate on the working plan for the practice period which is then endorsed by the tutor. In post-practice tutoring, they discuss the completed practice period in the light of the goals agreed on during pre-practice tutoring.

There must be a colleague from the practice place who functions as a mentor.

**Target group:**

Students in the Intercultural Teacher Education Programme

**Prerequisites and co-requisites:**

School Experience II: Bachelor's level, and at least the pre-practice Seminar II sessions.

**Recommended optional programme components:**

SE I, SE II, SEMINAR I, SEMINAR II

**Assessment methods and criteria:**

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

**Grading:**

Fail/to be supplemented/ pass: the Department supervisor of the practice period the Seminar II tutor assess the course based on assessment discussions with the student, and the report and reflections that have been added to the portfolio.

**Person responsible:**

Vesa-Matti Sarenus, Gordon Roberts

**Working life cooperation:**

Yes

**Other information:**

Registering: once arrangements with the host school or organisation have been finalised, and a letter /message of confirmation from the school has been shown to either of the persons responsible for the practice, the student registers for the practice. This must be done before the practice itself commences.

**408020S: School Experience III: Master's Level, 11 op**

**Voimassaolo:** 01.08.2006 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Practical training

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

11 cr

**Language of instruction:**

Finnish/English

**Timing:**

The Teacher Training School arranges opportunities to carry out School Experience II on four occasions every year. The student usually takes the course in his or her fourth or fifth year of study. No provision is made for groups of students for School Experience III, and every student shall reserve a time slot for it in his/her personal study plan.

Students who cannot teach in Finnish carry out the SE III practice at the Oulu International School. The course timing is the same as at the Teacher Training School.

**Learning outcomes:**

The student

- knows how to evaluate and report on her/his conception of teachership and education

- knows how to evaluate the special didactic characteristics of different subjects and cross-curricular themes and how to apply this knowledge in practice
- knows how to plan and carry out teaching based on the curriculum
- knows how to apply what s/he has learnt to assessment of learning
- knows how to evaluate the different forms of cooperation between home and school
- knows how to evaluate his/her own activities as an educator
- knows how to construct learning materials, use them in her/his teaching and evaluate their functionality

### Contents:

School Experience III is a part of Master's level pedagogical studies.

The driving theme behind School Experience III is *Myself as a teacher and educator*. The practice is linked to the Seminar III course.

SE III focuses on taking comprehensive responsibility for work in the classroom. Basically, the student shall take care of all the tasks that class teachers are supposed to attend to.

SE III offers the student a supervised opportunity to plan teaching periods based on the curriculum and cross-curricular themes and to get acquainted in practice with the special didactic characteristics of different subjects.

During School Experience III the student examines her/his 'teachership' from the viewpoint of social and community influence and from the viewpoint of the ethics of education and teacher morality. The student also participates in the cooperation between school and home.

Based on her/his own experience, the student will examine together with other students and her/his supervisors essential phenomena and concepts of pedagogical activity, such as *pedagogical relationship*, *pedagogical tact*, *encountering the child* and *teacher responsibility*, adding depth to her/his earlier conceptions. An opportunity is opened up to the student to observe and reflect upon how educational research and its results are linked to the teacher's work and to carry out educational research related to a teacher's work. The reflections are added to the Pedagogical Portfolio

### Mode of delivery:

Face-to-face teaching

### Learning activities and teaching methods:

**Place:** Oulu Teacher Training School, or Oulu International School grades 0–6.

**Duration:** Six to seven calendar weeks.

**Description of the activities:** School Experience III has a scope of 215 hours, 100–110 hours of which consists of school work tied to time and place, classroom observation and supervision sessions. The work tied to time and place includes:

**Giving lessons:** The student shall give 50 lessons during the course. The lessons shall be implemented as follows.

**Selected Subjects:** 20 lessons will be given in the first four weeks of the SE III practice. The lessons are related to selected subjects, i.e. mathematics and mother tongue (Finnish or English) and one minor or other subject taught at school, each one of which must be practised for a minimum of six hours during this period. Together with the class teacher and lecturers in subject didactics, the student shall prepare period plans for the lessons. If the student practices an advanced minor subject in the upper grades, the number of hours practised there shall be deducted from the number to be practised in the primary grades.

**Weeks of Responsibility:** The remaining 30 lessons in the SE III practice are given during the weeks of responsibility. The last two weeks of the course are called the weeks of responsibility because the student practising in a class takes full responsibility for the activities in the classroom. In addition to planning and giving the lessons, this includes break and lunch supervision, cooperation between home and school, morning assemblies and other events.

If there are more than one student in the same class, they plan the programme for the last two weeks together. In addition to other school work, they agree on the division of lessons allocating 30 lessons to each student. The lessons given can include those given individually by each student, simultaneous teaching or, for instance, teaching taking place in two spaces at the same time (such as special education). The students shall clearly show in their plan their individual role in the lessons they are planning and giving together. The students can also carry out their minor subject practice in special education during these weeks.

If a student is practising alone in a class, s/he shall plan and give the entire set of 30 lessons by her/himself.

**Student welfare:** The SE III practice includes an 8-hour set of studies in student welfare, comprising lectures and exercises.

**Other school work:** The course includes other work related to teaching, the school world or practical applications of education, such as project work or observing of teaching, totalling 20–30 hours. Project work can involve, among other things:

- collection of data, based on a research plan for the Master's or some other thesis
- research team activities in the didactics of a subject
- a special course related to school work, or tasks connected with one project forming part of the regular activities of the Teacher Training School, such as festivals, parents' evenings, exhibitions, Unesco themes, camp schools, art productions, cooperation projects with various educational institutions and other events.

When s/he is observing lessons, the student gets to know the class and its methods of working. This may also include observation tasks given by the teacher or lecturer in didactics.

**Supervision.** School Experience II includes supervision and guidance in subject didactics by the teachers of the Teacher Training School. The student shall thus seek didactic supervision from three lecturers in subject didactics. These three lecturers also observe a lesson given by the student.

Supervision comprises a total of 20-25 hours.

The student shall carry out the planning, implementation and evaluation of lessons and teaching periods in a peer team formed by the other students that may be working in the same class, the class teacher and didactics staff of the Department depending on the nature of the lessons.

**Target group:**

Master's students

**Prerequisites and co-requisites:**

Participation in School Experience III requires Bachelor's Degree. If the Bachelor's Degree does not include the multidisciplinary studies in the subjects and cross-curricular themes taught in basic education they must be passed separately. This requirement must be met three weeks before the School Experience III starts not yet at the registering.

If the student completes 60-credit minor studies in a subject taught in schools, s/he can carry out an advanced practice in the subject in the grades 7-9. The practice in the minor subject can also be carried out separately from the School Work in the Master Phase -course.

The right to practise in a minor subject in the grades 7–9 is achieved, if the prerequisites for School Work in the Master Phase are fulfilled and at least 40 credits of the 60-credit minor subject have been completed, in time of the registration.

If a student wants to do the advanced practice in a minor subject in grades 7-9, s/he shall report to the Faculty's practice coordinator immediately upon registration for the course.

In unclear situations the decision on the right to participate is made by the Faculty's practice coordinator. The practice in an advanced minor subject can also be carried out in grades 0–6.

**Recommended optional programme components:**

Orientation to Work at School, School Work in the Bachelor Phase, Pedagogical Seminar I, Pedagogical Seminar II, Pedagogical Seminar III

**Recommended or required reading:**

None

**Assessment methods and criteria:**

Practical training

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

**Grading:**

The class teacher and the other supervisors assess the student's performance on the basis of the assessment discussions and pedagogical portfolio on a pass/fail scale. An entry on a pass is made in the practice card. The card is also signed by the three lecturers in the didactics of the various subjects, and the student signs her/his confirmation that s/he has received mentoring in subject didactics. There are separate instructions available on the construction and contents of the pedagogical portfolio.

A failed practice may need to be retaken or supplemented. A failed practice period can be retaken twice. There are specific instructions on supplementing or retaking a failed practice period. If you register for the course and then fail to participate without cancelling your registration, it is recorded as a fail.

**Person responsible:**

Vesa-Matti Sarenus, Auli Halme, Erkki Pekkala and Gordon Roberts, Markku Juopperi, Outi Takalo

**Working life cooperation:**

Yes.

**Other information:**

**Registration:**

- Registrations for School Work in the Master Phase to be arranged in the autumn shall be submitted by the end of May in the preceding spring term.
- Registrations for School Work in the Master Phase to be arranged in the spring shall be submitted by the end of November in the preceding autumn term.

Registrations for the teaching practice period are submitted via Weboodi. The registration form is available for a period of time that is announced to the students by e-mail and on the practice website. The registration form shall be filled in with great care.

If the student wants to practice in an advanced minor subject in the basic education grades 7–9 of the Teacher Training School, s/he shall fill in the appropriate form available on the practice website when s/he registers for the School Work in the Master Phase and deliver it to the Faculty's practice coordinator.

Students need to note that an opportunity to practice in the upper grades cannot always be arranged in some of the subjects. In such cases the student shall carry out all of his/her School Work in the Master Phase -teaching practice in the regular manner in the lower grades.

If you register for the course and then fail to participate without cancelling your registration, it is recorded as a fail.

**Information meeting:** School Work in the Master Phase is launched with an information meeting in the refectory for grades 0–6 at the Teacher Training School.

### **408508S: Seminar III: Education and Professional Ethics, 3 op**

**Voimassaolo:** 01.08.2005 -

**Opiskelumuoto:** Advanced Studies

**Laji:** Course

**Vastuuyksikkö:** Faculty of Education

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

**Opintokohteen kielet:** English

**ECTS Credits:**

3 credits

**Language of instruction:**

English

**Timing:**

Spring 4th year and autumn 5th year

**Learning outcomes:**

- Identify and analyse ethical dimensions of education as encountered in School Experience III
- Re-assess personal educational philosophy based on portfolio entries
- identify the form and substance of home-school relations in an intercultural context

**Contents:**

- ethical questions of education from local and global perspectives
- planning (spring), reflecting on and evaluating (autumn) School Experience III

**Mode of delivery:**

Face-to-face teaching, seminars.

**Learning activities and teaching methods:**

20 h seminar and essays based on 2 articles, presentations, 56 h independent work.

**Target group:**

Students in the Intercultural Teacher Education Programme

**Prerequisites and co-requisites:**

School experience II, Seminar II

**Recommended optional programme components:**

None

**Recommended or required reading:**

Will be confirmed at the beginning of the course.

**Assessment methods and criteria:**

Active participation in seminars, portfolio/SEIII presentation, entries in pedagogical portfolio.

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

**Grading:**

Pass/fail

**Person responsible:**

Gordon Roberts

**Working life cooperation:**

Yes

**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](http://www.oulu.fi/ktk/opinnaytetyot). The webpages are updated annually in the beginning of the autumn term.

*Compulsory***408013S-01: Thesis, 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.

**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

*Student chooses either Advanced Course in Qualitative Research 5 ECTS cr or in Quantitative Research 5 ECTS cr*



**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. &amp; 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.

**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.

**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](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>

**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.