

Opasraportti

Primary teacher education, special group (2014 - 2015)

Primary Teacher Education, Special Group, Master's degree (120 cr)

The degree programme in primary teacher education aims primarily at functions in the learning and educational environments of basic education grades 0-6. The programme gives the student a versatile competence in pedagogy, didactics and subject mastery to encounter educational challenges in the future school.

- 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.
- Student knows how to analyse his/her conception of child and social and cultural assumptions of childhood.

Tutkintorakenteet

Special selection to the primary teacher education programme

Tutkintorakenteen tila: archived

Lukuvuosi: 2014-15

Lukuvuoden alkamispäivämäärä: 01.08.2014

Advanced studies in education (60-62 ECTS credits)

A250544: Advanced Studies in Education (special groups), 60 - 62 op

Advanced Studies include the following mandatory courses:

408030S: Educational Co-operation at School, 5 op

408031S: Childhood as a Social and Cultural Phenomenon, 3 op

- 408014S: Pedagogical Challenges in Research: Literature Course, 5 op
 408017S: Pedagogical Seminar III: I as a Teacher, on My Own and Together, 3 op
 408028S: School Work in the Master Phase I, special groups, 5 op
 408013S: Master's Thesis, 35 - 40 op

Compulsory

- 408013S-01: Thesis, 30 op
 408013S-02: Seminar, 5 op
 408013S-03: Abstract / Maturity Test, 0 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

If the student hasn't completed the Educational Administration course in his/her previous studies, he/she must complete it in the current degree.

- 408019S: Basics of educational administration, 2 op

Multidisciplinary studies in the subjects and cross-curricular themes taught in basic education (60 ECTS credits)

A256404: Multidisciplinary Studies in the Subjects and Cross-Curricular Themes Taught in Basic Education (Special Groups), 60 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

408029S: School Work in the Master Phase II, special groups, 3 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

Opintojaksojen kuvaukset

Tutkintorakenteisiin kuuluvien opintokohteiden kuvaukset

A250544: Advanced Studies in Education (special groups), 60 - 62 op

Voimassaolo: 01.08.2012 -

Opiskelumuoto: Advanced Studies

Laji: Study module

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

Advanced Studies include the following mandatory courses:

408030S: Educational Co-operation at School, 5 op

Voimassaolo: 01.08.2013 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Timing:

4th year, autumn term

Learning outcomes:

Upon completion of the course, the student

- knows how to analyse social and cultural factors that determine education and teachers' work
- knows how to describe the forms and purposes of multiprofessional cooperation in the school world
- is familiar with methods of cooperation in teacher and school communities and knows how to apply them in her/his work
- is familiar with methods of cooperation between the home and school and knows how to apply them in her/his work
- knows how to analyse the operation of a work community and a beginning teacher's relationship to the surrounding work community.

Contents:

- school as a multiprofessional work community
- cooperation between school and home
- the identity of a newly qualified teacher
- collaborative working methods in a teacher's work

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 22 h/small group teaching 12 h/ self-study 100 h

Target group:

Primary teacher students

Prerequisites and co-requisites:

None

Recommended optional programme components:

The course is part of a module formed by "Pedagogical Seminar III", "Master Level School Experience" and "Thematic Practice".

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:

1 – 5

Person responsible:

Anu Alanko

Working life cooperation:

None

408031S: Childhood as a Social and Cultural Phenomenon, 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 ECTS cr

Language of instruction:

Finnish

Timing:

4th year, autumn term

Learning outcomes:

- Student is able to analyse her/his perceptions of childhood
- Student is able to analyse childhood as a culturally constructed phenomenon
- Student recognizes the methodological and ethical challenges of childhood research

Contents:

- Memories of childhood
- Time and place in childhood
- Childhood and culture

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

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

Target group:

Students of the faculty of education

Prerequisites and co-requisites:

Basic and intermediate studies of education

Recommended optional programme components:

Course is also part of the minor: Cultural environments of early childhood

Recommended or required reading:

- Sava, I. & Vesänen-Laukkanen, V. (toim.) (2004) Taiteeksi tarinoitu oma elämä. Jyväskylä: PS-kustannus.
- Scientific articles (appointed in the beginning of the course)

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

Assessment methods and criteria:

Participation in lectures and small group sessions, completion of exercises and learning diary
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

0-5

Person responsible:

Elina Viljamaa and Taina Kyrönlampi

Working life cooperation:

None

408014S: Pedagogical Challenges in Research: Literature Course, 5 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

4 cr

Language of instruction:

Finnish

Timing:

4th and 5th years, spring/summer

Learning outcomes:

After completing this course, students are able to justify their educational viewpoints with recent and diverse scientific knowledge.

- The student acquaints her/himself with research carried out in the various research groups of the faculty and with modern educational literature.
- The student is capable of deepening the topics of her/his Bachelor's or Master's thesis
- The student enhances her/his pedagogical skills to respond to the challenges offered by current themes.

Contents:

The literature packages familiarize the student with various pedagogical challenges in the field of education. The student chooses one of the following literature packages, among others:

- Ethical issues in education and multiculturalism
- Prevention of and intervention in school violence
- Environmental ethics and aesthetics
- Child's voice and place
- The teacher's work in terms of being in relationships
- Learning and ways to support it

Mode of delivery:

Independent and face-to-face teaching

Learning activities and teaching methods:

The literature course is carried through in the spring term, but the course ends at the start of the next autumn term. It is thus possible to study in the summer to complete the course. The student chooses one of the available literature packages. Each package has a responsible leader of its own representing one of the faculty's research groups. The course consists of independent work and includes 2-3 meetings in a small group. The course starts with an information meeting, after which registrations for the course are allowed: the students register for their chosen package on Weboodi.

The literature course comprises

- an information meeting 2 h
- small group sessions 6 h
- independent work 73 h

Target group:

Primary teacher students and students in the degree programme in education (final exam)

Prerequisites and co-requisites:

None

Recommended optional programme components:

You may utilise the course literature in your Master's thesis.

Recommended or required reading:

To be handed out/agreed on at the start of the course.

Assessment methods and criteria:

Participation in small group sessions and familiarisation with the chosen literature. Either a literature exam, or essays written on the literature.

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

Grading:

0 - 5

Person responsible:

Minna Uitto

Working life cooperation:

None

Other information:

The literature course offers one way to complete the Optional Course (advanced studies, primary teacher education) or Final Exam (advanced studies, education) or it can be included among other optional studies. Students in the Education Programme should note that the course is worth 4 credits. Arrangements should be made with the person in charge for a more comprehensive package.

Course information [here](#) . Scroll down page -> Attachments

408017S: Pedagogical Seminar III: I as a Teacher, on My Own and Together, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS cr

Language of instruction:

Finnish

Timing:

Master's studies

Learning outcomes:

Upon completion of the course, the student knows how to

- justify his/her pedagogical activity using the research concepts of his/her own field
- analyse ethical issues in a teacher's work
- reflect on his/her own teacher identity from the viewpoints of a self-regulated learner and collaborative actor
- explain the development of teachership as a constantly developing self-regulated process, in which essential issues include continuous reflection, self-regulated action and collaboration

Contents:

- The teacher's pedagogical theory in use
- Materials connected with practice situations
- Pedagogical portfolio as a tool for reflection on the development of the student's own teachership: completion and evaluation of portfolio work
- Arts and crafts education students explore the significance "making" in arts teaching from the theoretical perspective of arts pedagogy.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Small group teaching 24 h/ self-study 56 h

The Faculty's Leaf research infrastructure is utilised in teaching as a space for collaborative learning and interaction. Between the face-to-face meetings, the student works on his/her pedagogical portfolio also in a blog environment.

Target group:

Primary teacher students

Prerequisites and co-requisites:

Pedagogical Seminar I: Knowing the Pupils and Interaction 3 ECTS cr, Pedagogical Seminar II: Teacher as a Learning Guide 3 ECTS cr

Recommended optional programme components:

Pedagogical Seminar III is part of a module formed by "Educational Cooperation in Schools" (5 credits) and "Master Level School Experience" (11 credits). The pedagogical seminars I-III form a continuum in which the essential viewpoint is the student's comprehensive professional growth into a critical, reflective and inquiring teacher.

Recommended or required reading:

To be agreed on at the beginning of the course

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:

Pass/ fail

Person responsible:

Pirkko Hyvönen

Working life cooperation:

None

408028S: School Work in the Master Phase I, special groups, 5 op

Voimassaolo: 01.08.2012 -

Opiskelumuoto: Advanced Studies

Laji: Practical training

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

8 credits

The Master-level School Experience comprises a total of 8 credits. The studies are divided into advanced studies in education (5 credits) and multidisciplinary studies (3 credits).

Language of instruction:

Finnish

Timing:

The Teacher Training School arranges opportunities to carry out School Work in the Master Phase, special group on four occasions every year.

No provision is made for groups of students, and every student shall reserve a time slot for it in his/her personal study plan.

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 Work in the Master Phase, special group is a part of Master's level pedagogical studies.

The driving theme behind School Experience is *I as a teacher and educator*. The course is linked to the Seminar II course.

School Work 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.

School Work 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 II 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 contemplate on how educational research and its results are linked to the teacher's work and to carry out educational research related to teachers' work.

Mode of delivery:

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

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

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

Duration: Six to seven calendar weeks.

Learning activities and teaching methods:

Description of the activities: The course has a scope of 215 hours, 100-110 hrs of which consists of school work, monitoring of lessons and supervision tied to time and place. This kind of work included:

Giving of lessons: The student gives 50 lessons to be implemented as follows.

Subject-specific periods: 20 of the lessons are given during the first four weeks of the course. The lessons comprise subject-specific periods, i.e. mathematics and Finnish and one minor or other subject taught in schools, each one of which shall be practiced for a minimum of 6 lessons during the course. The student composes period plans for these lessons together with the class teacher and lecturers in subject didactics. If a student practices in an advanced minor subject in the upper grades, the lessons given there are deducted from the subject-specific periods.

Weeks of responsibility: The remaining 30 lessons are given during the weeks of responsibility. The last two weeks of the course are called the weeks of responsibility, during which the students practicing in the same class take joint responsibility of the activities in the classroom. In addition to planning and implementing the lessons, this includes the responsibility for things such as break and meal supervision, cooperation between home and school, morning assemblies and cell meetings.

The students practising in the same class design the programme for the last two weeks together. In addition to other school work, the students agree on how to give the lessons so that both of the students get a workload of 30 lessons. The lessons can comprise ones given individually by the students, simultaneous teaching or, for example, teaching taking place in two rooms at the same time (e.g. special education). In their plan the students need to show clearly what the role of each student is in the lessons that they are jointly planning and implementing. A student can also pursue minor subject practice in special education during these weeks.

The students design the responsibilities of the last two weeks together, sharing them between themselves with the class teacher revising the sharing of responsibilities before the weeks begin.

If a student is practising alone in a class, s/he will design and implement the entire 30-lesson unit alone.

Pupil welfare: An 8-hour unit in pupil welfare will be implemented during the course in the form of lectures and exercises.

Other school work: The course includes other a total of 20-30 hours of other work connected with the school world and practical applications of education, such as project work, as well as monitoring of lessons.

Examples of project work:

- collection of data based on a research plan for a Master's or other thesis
- research group activities in subject didactics
- a special course connected with school work or assignments connected with such a course
- projects connected with the activities of the teacher training school, such as celebrations, parents' meetings, exhibitions, Unesco themes, camp schools, art productions, cooperation projects with various cultural institutions, and other events.

When a student is observing lessons, s/he gets to know the class and the way it works. Observation may involve assignments given by the teacher or lecturer in subject didactics.

Supervision: The course includes supervision by the teachers in the teacher training school and supervision by the lecturers in subject didactics in the subject taught during the subject-specific periods.

The student therefore needs to seek supervision in subject didactics from three lecturers. These three lecturers also follow a lesson given by the student.

Supervision amounts to 20-25 hours.

The student carries out the planning, implementation and evaluation of lessons and teaching periods in a team of peers comprising any other students practising in the same class, the class teacher and lecturers in subject didactics depending on the nature of the lessons.

Prerequisites and co-requisites:

the multidisciplinary studies in the subjects and cross-curricular themes taught in basic education (60 credits).

Recommended optional programme components:

The course is linked to the Pedagogical Seminar III course (3 credits)

Assessment methods and criteria:

See "Learning activities and teaching methods"

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 Sarenius

Working life cooperation:

Yes. For further information, see "Learning activities and teaching methods".

Other information:

Information meeting: School Experience II is launched with an information meeting in the refectory for grades 0–6 at the Teacher Training School.

University student must show **extract from their criminal record**, if studies involve practice with minor children. **Please take care that you have shown extract from criminal record before the practice begins.**

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

Voimassaolo: 01.08.2005 - 31.07.2016

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

35 cr

Language of instruction:

Finnish or English

Timing:

Master's studies

Learning outcomes:

The student

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

Contents:

The course includes the following:

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

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

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

Target group:

Students in the Faculty of Education

Prerequisites and co-requisites:

Bachelor's Thesis

Recommended optional programme components:

Advanced course in quantitative/qualitative research
The course is part of the Advanced Studies in the major subject.

Recommended or required reading:

Research and methodological literature: refereed publications

Assessment methods and criteria:

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

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

Grading:

0 - 5

Person responsible:

Hannu Heikkinen and the leaders of seminar groups

Working life cooperation:

None

Other information:

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

Use code 408013S-02 Seminar for registering to the groups.

*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: Seminar, 5 op

Voimassaolo: 01.08.2005 - 31.07.2016

Opiskelumuoto: Advanced Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

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.*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. & 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.

If the student hasn't completed the Educational Administration course in his/her previous studies, he/she must complete it in the current degree.

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

A256404: Multidisciplinary Studies in the Subjects and Cross-Curricular Themes Taught in Basic Education (Special Groups), 60 op

Voimassaolo: 01.08.2012 -

Opiskelumuoto: Intermediate Studies

Laji: Study module

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

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 & Siirainen, 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 Sääsilahti

Working life cooperation:

None

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

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 Sääsilahti

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 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:

Jari Honkanen

For ITE students, Gordon Roberts

Working life cooperation:

None

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 tiedonhauulle 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 Sarenus

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 -kemias, 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

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 kehityksessä. 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, Hilka & 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 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 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-Christina 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 essey (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)
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaille. (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)
- 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)
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaille. (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)
- Sääkslahti A. ym. 2012 Kirja Liikunnasta, Luokkien 3-4 liikunnanopetus.
- Material given during the course.

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)
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaille. (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)
- Sääkslahti A. ym. 2012 Kirja Liikunnasta, Luokkien 3-4 liikunnanopetus.
- Material given during the course.

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)
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaille. (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)
- Sääkslahti A. ym. 2012 Kirja Liikunnasta, Luokkien 3-4 liikunnanopetus.

- Material given during the course.

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)
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaille. (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)
- Sääkslahti A. ym. 2012 Kirja Liikunnasta, Luokkien 3-4 liikunnanopetus.
- Material given during the course.

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)
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaille. (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)
- Sääkslahti A. ym. 2012 Kirja Liikunnasta, Luokkien 3-4 liikunnanopetus.
- Material given during the course.

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)
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaille. (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)
- Sääkslahti A. ym. 2012 Kirja Liikunnasta, Luokkien 3-4 liikunnanopetus.
- Material given during the course.

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)
- Opetushallitus ja NuoriSuomi 2008 Fyysisen aktiivisuuden suositus kouluikäisille 7-18 vuotiaille. (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)
- Sääkslahti A. ym. 2012 Kirja Liikunnasta, Luokkien 3-4 liikunnanopetus.
- Material given during the course.

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.

408029S: School Work in the Master Phase II, special groups, 3 op

Voimassaolo: 01.08.2012 -

Opiskelumuoto: Advanced Studies

Laji: Practical training

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.

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 ,

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

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

Kallioniemi A. & Luodeslampi J. Toim. (2005) Uskonto uudella vuosituhanella. 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, 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:

1st and 2nd 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:

1st 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.
- Karppinen, S. (2008). Craft-art as a basis for human activity. International journal of art and design education. Vol. 27.1 (p.83-90). Blackwell Publishing Ltd.
- 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:

1st 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:

- Black, S. (2011). Eco-chic The fashion paradox. Black dog publishing: London.
- Huovila, R., Hintsala, T. & Säilä, J. (2009). Kirja käsityöstä. Luokkien 3-6 käsityönopetus. WSOY: Porvoo.
- Karhu, P., Malmström, M. & Mannila, T. (2002) Hyvä sauma.
- Saramäki, R., Palmu, J. & Piippo, K. (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, 1st year

Prerequisites and co-requisites:

None

Recommended optional programme components:

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

Recommended or required reading:

- Huovila, R., Hintsala, T. & Säilä, J. (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:

2nd 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:

- Aadeli, S. & al. (2009). Käsityön työturvallisuusopas. teknisen työn ja tekstiilityön opetukseen. Opetushallitus.
- Syrjäläinen, E. (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 -

Opiskelumuoto: 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