

# Opasraportti

## KOKY - Minor Subject Studies 2011-2012 (2011 - 2012)

### Minor subjects

In addition to studies in the major subject, degree programmes include studies in a minor subject. Minor studies are offered in a variety of different subjects at the department. Minor subjects can also be completed at another faculty at the university as well as at other universities in Finland and abroad.

During the following year, the challenges of basic education will be met with a broad spectrum of minor subjects. At the department, minor subject provision and the student's individual choices will be supported in collaboration with the Open University of Oulu and the Kainuu Summer University.

### Minor subject selection

The degree must include at least two 2 ECT or one 60 ECT minor subject. All Finnish universities adhere to the Flexible Study Right agreement (JOO in Finnish), which provides undergraduate and post-graduate students the opportunity to incorporate studies at other Finnish universities into their degree programme.

### Kajaani Department of Teacher Education - minor subjects offered

A255101 Special education 25 ECT  
 A255201 Preschool and Primary Education 25 ECT  
 A255401 Art 25 ECT  
 A256201 Physical Education 25 ECT  
 A255701 Music 25 ECT  
 A255901 Technical work 25 ECT  
 A256001 Textile work 25 ECT

### Other minor subject studies

The student can also complete other minor subjects at the Faculty of Education as well as minor subjects offered at other faculties. Students can also complete them at another university institution in Finland as well as abroad. The following list displays minor subjects offered at the University of Oulu:

A110101 English Philology, Basic Studies 25 ECT  
 A110101 English Philology, 35 ECT  
 A110701 Literature, basic studies 25 ECT  
 A110401 Finnish Language, Basic Studies 25 ECT  
 A325001 Mathematics, basic studies 25 ECT

# Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

A255401: Art (Kajaani), 25 op

*Compulsory*

- 394132P: Art education and visual expression, 5 op
- 394133P: Art history, 6 op
- 394134P: Didactics of art, 3 op
- 394135P: Media pedagogy, 3 op
- 394136P: Plastic design, 3 op
- 394137P: Graphic methods, 3 op
- 394138P: Environmental aesthetics, 2 op

A255701: Music (Kajaani), 25 op

*Compulsory*

- 394201P: Theory of music, 2 op
- 394202P: Ear training, 2 op
- 394203P: History of music, 3 op
- 394204P: Ethno music, 2 op
- 394211P: Didactics of music, 3 op
- 394212P: Choral pedagogy, 2 op
- 394213P: Music and movement, 1 op
- 394221P: School orchestra, 2 op
- 394222P: Optional topic, 1 op
- 394223P: Pop music, 1 op
- 394232P: Singing, 2 op
- 394241P: Piano playing, 3 op
- 394242P: Guitar playing, 1 op

A256201: Physical Education, 25 - 60 op

*Compulsory*

LPE.P001: Introduction to sport pedagogy, 3 op

*Compulsory*

- LPE.P001-01: Intensive week, 1,5 op
- LPE.P001-02: Literature, 1,5 op

LPE.P002: Pedagogy and didactics of physical education I, 3 op

*Compulsory*

- LPE.P002-01: Planning, implementation and evaluation of a sports event, 1,5 op
- LPE.P002-02: Planning of teaching, curriculum , 1,5 op

LPE.P005: Basic course in sport didactics, 14 op

*Compulsory*

- LPE.P005-01: Theory of human kinetics, 2 op
- LPE.P005-02: Apparatus gymnastics, fitness gymnastics, 1,5 op
- LPE.P005-03: General gymnastics, music and movement, 1,5 op
- LPE.P005-04: Ball games, 3 op
- LPE.P005-05: Swimming, 1 op
- LPE.P005-06: Dance, 1 op
- LPE.P005-07: Nature sports, 1 op
- LPE.P005-08: Skiing, 1 op
- LPE.P005-09: Skating, 0,5 op
- LPE.P005-10: Athletics, 1 op
- LPE.P005-11: Introduction to special sports, 0,5 op

LPE.A003: Advanced course in sport didactics, 2 op

LPE.A008: Applied physical education, 3 op

A255201: Preschool and Primary Education, 25 op

*Compulsory*

- 394001P: Basics of pre-school/initial education, 3 op
- 394002P: Guidance of learning in pre-school/initial education, 3 op
- 394003P: Practice in pre-school/initial education, 3 op
- 394011P: Environmental and nature studies, 3 op
- 394012P: Finnish, literature and expressive skills, 3 op
- 394013P: Mathematics, 2 op
- 394014P: Religious education/study of practical ethics and world views, 2 op

394015P: Physical education, 2 op  
 394016P: Music and movement, 2 op  
 394017P: Visual arts and handicrafts, 2 op

*Compulsory*

394017P-01: Visual arts, 1 op  
 394017P-02: Handicrafts, 1 op

A255101: Special education (Kajaani), 25 op

*Compulsory*

394901P: Basic course in special education, 5 op  
 394902P: Challenges of language and communication, 5 op  
 394903P: Challenges of behaviour, 5 op  
 394904P: Challenges of learning, 5 op  
 394905P: Literature and seminar in special education, 5 op

A255901: Technical work, 25 op

*Compulsory*

394401P: Wood technology, 6 op  
 394402P: Metal technology and the project topic, 6,5 op  
 394403P: Product design and information technology, 5 op  
 394404P: Mechanical and electrical technology, 7,5 op

A256001: Textile work, 25 op

*Compulsory*

394501P: Ways of expression in materials and colours, 4 op  
 394502P: Textile materials and orientation to materials, tools and work spaces, clothes care, textile economics and economy, 1 op  
 394503P: Experimental work with yarns, free and counted-thread embroidery, 3 op  
 394504P: Experimental weaving in primary and preprimary education, 5 op  
 394505P: From cultural heritage and tradition towards new innovations, 3 op  
 394506P: Curriculum work: the process of planning, manufacturing, evaluation and analysis and its development in textile work, 2 op  
 394507P: Use of pedagogy and didactic approaches in textile work, 2 op  
 394508P: Textile work and (multi)cultural contexts, 2 op  
 394509P: Study and company visits, 1 op  
 394510P: Textiles around us: cloth animals and their garments, clothing and environment textiles in textile work, 2 op

## Opintojaksojen kuvaukset

### Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

#### **A255401: Art (Kajaani), 25 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Study module

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opettajat:** Lukkari, Matti Ilmari

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

25 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup>-5<sup>th</sup>

**Learning outcomes:**

The visual arts introduce the student to arts, visual culture as well as the interaction that occurs within the field. Visual arts are considered as a way to develop learning and thinking skills. The studies aim to develop individual artistic abilities, fostering a platform of inspiration for working with art in the future. At the end, students compile a book from their completed coursework. The book includes the student's thoughts on visual arts, arts education and their studies in general: what it meant to work on a self-portrait, what has been learned, other thoughts and arising questions. Students can design and format the book as they wish. The book should reflect on the students themselves and their visual abilities. It can be used in job interviews, for example, to demonstrate the student's artistic and visual skills. The book is returned after assessment (the following September at the latest

**Contents:**

- 394132P Art education and visual expression
- 394133P Art history
- 394134P Didactics of art
- 394135P Media pedagogy
- 394136P Plastic design
- 394137P Graphic methods
- 394138P Environmental aesthetics

**Person responsible:**

Matti Lukkari

*Compulsory*

**394132P: Art education and visual expression, 5 op**

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup>-5<sup>th</sup>

**Learning outcomes:**

Students deepen their knowledge of visual arts teaching and culture and develop and study their own skills in visual expression. Students obtain the capacity to develop their own visual expression and related theoretical thinking.

**Contents:**

- drawing and painting
- acrylic painting
- watercolour

**Learning activities and teaching methods:**

66 O, 70 IS

**Assessment methods and criteria:**

Practical exercises

**Grading:**

0-5

**Person responsible:**

Visual arts teacher

**394133P: Art history, 6 op****Voimassaolo:** 01.08.2007 - 31.07.2013**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

6 credits

**Language of instruction:**

Finnish

**Timing:**3<sup>rd</sup>-5<sup>th</sup>**Learning outcomes:**

Students form a general picture of art and its history and understand how it relates to social development, ideology and cultural history. Students familiarize themselves with the pedagogical work of cultural institutions and the learning environments provided by online museums. Upon completion, students are able to assess the educational and social aspects of art history and visual culture.

**Contents:**

- History of Finnish art
- Early periods of art and non-European art
- General art history

**Learning activities and teaching methods:**

50 L, 6 O, 106 IS

**Recommended or required reading:**

Honour &amp; Fleming. Maailman taiteen historia. (osittain)

Sederholm, H (2000). Tämäkö taidetta? Helsinki: WSOY.

Levanto, M (1987) Ateneum opas. Helsinki: Otava,

Valkonen, M &amp; Valkonen, O. 1985. Maailman taide. osa Vanha taide. Porvoo: WSOY

Availability of course books can be checked [here](#).**Assessment methods and criteria:**

Participation in lectures, exercises and practical assignments

**Grading:**

0-5

**Person responsible:**

Visual arts teacher

**394134P: Didactics of art, 3 op****Voimassaolo:** 01.08.2007 - 31.07.2013**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup>-5<sup>th</sup>

**Learning outcomes:**

Students familiarize themselves with art education traditions and research. They develop their capacities in planning, implementing and assessing different forms of arts teaching. Students are able to appreciate art as a school subject in terms of its significance in visual culture, pedagogy, and the arts in general.

**Contents:**

- Art didactics
- Pedagogical project
- Study trip

**Learning activities and teaching methods:**

8 L, 30 O, 43 IS

**Recommended or required reading:**

Suvanto, T. & Töyssy, S & Vartiainen, L. 2004. Kuvan tekijä. Taide ja visuaalinen maailma.  
Forsman, A. & Piironen, L. 2006. Kuvien kirja. Kuvataideopetuksen käsikirja perusopetukseen.  
Availability of course books can be checked [here](#).

**Assessment methods and criteria:**

Participation in lectures and exercises, completion of practical assignments.

**Grading:**

Pass/fail

**Person responsible:**

Visual arts teacher

**394135P: Media pedagogy, 3 op**

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup>-5<sup>th</sup>

**Learning outcomes:**

Students are familiar with the basics concepts in media pedagogy and develop their own media skills. Upon completion, students are able to use their expertise of media in the classroom.

**Contents:**

- graphic design
- communication tools
- media pedagogy

**Learning activities and teaching methods:**

4 L, 16 O, 57 IS

**Recommended or required reading:**

Herkman, J. 2007. Kriittinen mediakasvatus.

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

**Assessment methods and criteria:**

Participation in lectures, exercises and practical assignments

**Grading:**

Pass/fail

**Person responsible:**

Visual arts teacher

**394136P: Plastic design, 3 op**

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

Students explore three-dimensional space and form by using methods and materials appropriate for use in schools. Students familiarize themselves with concepts used in architecture and design. Upon completion, students have acquired basic capacities in plastic design and thought and are able to express their ideas in 3D-form.

**Contents:**

Practical assignments: plastic design using and experimenting with different kinds of materials e.g. clay, paper, plaster, and cardboard.

**Learning activities and teaching methods:**

4 L, 26 O, 50 IS

**Assessment methods and criteria:**

Participation in lectures, exercises and practical assignments

**Grading:**

0-5

**Person responsible:**

Visual arts teacher

**394137P: Graphic methods, 3 op**

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup>-5<sup>th</sup>

**Learning outcomes:**

Students familiarize themselves with art graphics as genre in art. Students obtain basic knowledge and skills in printmaking.

Students learn about the process of setting up an exhibition in practice by realizing a joint exhibition together with other students.

**Contents:**

- etching
- aquatint
- setting up an exhibition

**Learning activities and teaching methods:**

2 L, 30 O, 50 IS

**Assessment methods and criteria:**

Participation in lectures, exercises and practical assignments

**Grading:**

Pass/fail

**Person responsible:**

Visual arts teacher

**394138P: Environmental aesthetics, 2 op**

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup>-5<sup>th</sup>

**Learning outcomes:**

Students discover aspects of environmental education generated and facilitated by the art, i.e. when the environment serves as the inspiration and object of art. Students design and realize a work of art based on the environment, the shape and content of which is determined by the location.

**Contents:**

- What is environmental art?
- Planning and realizing an environmental art project
- Documenting the project

**Learning activities and teaching methods:**

4 L, 16 O, 34 IS

**Recommended or required reading:**

Mantere. M. 1995. Maan kuva. Kirjoituksia taiteeseen perustuvasta ympäristökasvatuksesta.

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



**Assessment methods and criteria:**

Participation in lectures and exercises, completion of practical assignments.

**Grading:**

Pass/fail

**Person responsible:**

Visual arts teacher

**A255701: Music (Kajaani), 25 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Study module

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opettajat:** Tuovinen Anja

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

25 credits

**Language of instruction:**

Finnish

**Timing:**

3-5<sup>th</sup> year

**Learning outcomes:**

The aim of the studies is to develop and deepen the student's knowledge and skills in music as well as the development of student's singing, voice formation and versatile instrumental skills.

**Contents:**

394201P Theory of music (2 credits)

394203P History of music (3 credits)

394211P Didactics of music (3 credits)

394202P Ear training (2 credits)

394212P Choral pedagogy (2 credits)

394204P Ethno music (2 credits)

394221P School orchestra (2 credits)

394213P Music and movement (1 credits)

394223P Pop music (1 credits)

394222P Optional topic (1 credits)

394241P Piano playing (3 credits)

394232P Singing (2 credits)

394242P Guitar playing (1 credits)

**Grading:**

0-5

**Person responsible:**

Lecturer Anja Tuovinen

*Compulsory*

**394201P: Theory of music, 2 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

3-5<sup>th</sup> year

**Learning outcomes:**

To deepen the student's theoretical knowledge of music, particularly chords and chord analysis. Students are able to identify and form all the intervals and necessary chords and (liturgical) modes. Students are able to analyse chord structures according to traditional chord analysis and are familiar with basic chord notation.

**Contents:**

- all intervals
- all chords and chord notation used in primary level school books
- chord analysis for beginners
- modes

**Learning activities and teaching methods:**

18 L, 36 IS

**Assessment methods and criteria:**

Participation in lectures, exam.

**Grading:**

0-5

**Person responsible:**

Music teacher

**394202P: Ear training, 2 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

Developing the student's versatile skills and fluency in reading and following music. Students master the basic techniques of solmisation, can notate music dictations and part-singing.

**Contents:**

- basics of solmisation, rhythm exercises, musical dictations
- polyphonic songs and canons (choral pedagogy)

**Learning activities and teaching methods:**

28 O, 26 IS

**Assessment methods and criteria:**

Participation in teaching sessions, exam.

**Grading:**

0-5

**Person responsible:**

Music teacher

**394203P: History of music, 3 op****Voimassaolo:** - 31.07.2013**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**3<sup>th</sup>-5<sup>th</sup> year**Learning outcomes:**

To deepen the student's knowledge of music history.

Students are familiar with the music history from the Middle Ages to through to modern day.

**Contents:**

Perspectives in music history: middle ages - modern day

**Learning activities and teaching methods:**

36 L. 45 IS

**Recommended or required reading:**

Griffiths, P. 1992. Musica nova. Modernin musiikin historia Debussystä Bouleziin. Budapest: Kustannusosakeyhtiö Puijo.

Availability of course books can be checked [here](#).**Assessment methods and criteria:**

Participation in lectures, exam.

**Grading:**

0-5

**Person responsible:**

Music teacher

**394204P: Ethno music, 2 op****Voimassaolo:** - 31.07.2013**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

Students familiarize themselves with the music of foreign cultures. They are able to use them in their own teaching.

Students are able to identify and teach characteristic traits of music in different cultures in addition to being to sing and play songs from them that are taught at the 0-6 grade levels.

**Contents:**

- the music of the most common immigrant groups in Finland
- other foreign music cultures
- applications in music teaching at the primary level

**Learning activities and teaching methods:**

18 O, 36 IS

**Assessment methods and criteria:**

Participation in teaching sessions and independent assignments.

**Grading:**

Pass/fail

**Person responsible:**

Music teacher

**394211P: Didactics of music, 3 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Jyväskylä Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

To deepen the student's didactical knowledge and skills.

The student acquires the necessary skills and knowledge to teach grades 0-6 and students in music track groups.

**Contents:**

- philosophy of music education
- familiarization with music teaching methods through various independent exercises and assignments.
- Special issues: teaching song, listening to music (aural skills) and creative expression.

**Learning activities and teaching methods:**

30 O, 51 IS

**Recommended or required reading:**

Ahonen, K. 2004. Johdatus musiikin oppimiseen. Tampere: Finn Lectura.

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

**Assessment methods and criteria:**

Participation in teaching sessions, independent exercises, exam.

**Grading:**

0-5

**Person responsible:**

Music teacher

**394212P: Choral pedagogy, 2 op****Voimassaolo:** - 31.07.2013**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**3<sup>th</sup>-5<sup>th</sup> year**Learning outcomes:**

Students obtain the basic capacity to rehearse and conduct a choir.

**Contents:**

- common baton/beating techniques and pitch-conferring techniques
- taking part in a student choir and choral conducting

**Learning activities and teaching methods:**

20 O, 34 IS

**Recommended or required reading:**

Basic education music books and handouts.

**Assessment methods and criteria:**

Participation in teaching sessions, performance examination.

**Grading:**

Pass/fail

**Person responsible:**

Music teacher

**394213P: Music and movement, 1 op****Voimassaolo:** - 31.07.2013**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

1 credits

**Language of instruction:**

Finnish

**Timing:**3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

Students learn to use movement and exercise in music teaching.

**Contents:**

- practicing the teaching of music through movement
- different forms of dance and play

**Learning activities and teaching methods:**

12 O, 15 IS

**Assessment methods and criteria:**

Participation in teaching, independent assignments

**Grading:**

Pass/fail

**Person responsible:**

Music teacher

**394221P: School orchestra, 2 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Jyväskylä Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

Developing the student's versatile instrumental skills.

Students learn the basics of arrangement.

**Contents:**

- melody on the 5-string *kantele*
- recorders: soprano, alto, tenor, contrabass, recorder quartets
- various arrangements on different school instruments
- preparing, performing and assessing arrangements for school instruments

**Learning activities and teaching methods:**

22 O, 32 IS

**Assessment methods and criteria:**

Participation in lessons and independent arrangement tasks.

**Grading:**

Pass/fail

**Person responsible:**

Music teacher

**394222P: Optional topic, 1 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

1 credits

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

Students focus on a particular area of music (open format)

**Learning activities and teaching methods:**

27 IS

**Assessment methods and criteria:**

- essay OR
- participation in a choir, orchestra or band OR
- performing in different celebrations OR
- other (discuss with course coordinator)

**Grading:**

Pass/fail

**Person responsible:**

Music teacher

**394223P: Pop music, 1 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

1 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

Students learn the basics of band-playing and are able to use what they have learned in teaching.

**Contents:**

- we practice playing electric band instruments
- we learn different kinds of rhythmic accompaniment on the drums
- we play band arrangements suitable for use in primary education

**Learning activities and teaching methods:**

12 O, 15 IS

**Assessment methods and criteria:**

Participation in teaching and independent practice.

**Grading:**

Pass/fail

**Person responsible:**

Music teacher

**394232P: Singing, 2 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

Versatile development of the student's skills in voice formation and singing skills.

**Contents:**

- understanding and learning correct methods in voice formation
- diverse singing material
- joint performance

**Learning activities and teaching methods:**

20 O, 34 IS

**Assessment methods and criteria:**

Participation in lessons and a jointly organized concert.

**Grading:**

0-5

**Person responsible:**

Music teacher

**394241P: Piano playing, 3 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**



Students obtain diverse instrumental and accompaniment skills and are able to use what they have learned in the work as music educators.

**Contents:**

- different styles of instrumental playing and accompaniment
- free accompaniment, including chord notation harmonisation to melody, playing by ear, transposing, written accompaniment,
- classic piano (optional)

**Learning activities and teaching methods:**

36 O, 45 IS

**Recommended or required reading:**

Tenni, J. & Varpama, J. 2004. Vapaa säestys ja improvisointi. Otava.  
Availability of course books can be checked [here](#).

**Assessment methods and criteria:**

Participation in teaching sessions, active individual practice, participation in ensemble/accompaniment performance (min. 3 times)

**Grading:**

0-5

**Person responsible:**

Music teacher

**394242P: Guitar playing, 1 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

1 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

Acquiring the guitar skills required of primary school teachers.

**Contents:**

- common chords, including barre-chords
- simple melodies

**Learning activities and teaching methods:**

16 O, 11 IS

**Assessment methods and criteria:**

Participation in teaching sessions, performance test.

**Grading:**

Pass/fail

**Person responsible:**

Music teacher

**A256201: Physical Education, 25 - 60 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Study module

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

25 - 60 credits

**Language of instruction:**

Finnish

**Contents:**

A 256201 Physical Education (25 credits)  
 LPEP001 Introduction to sport pedagogy (3 credits)  
 LPEP002 pedagogy and didactics of physical education I (3 credits)  
 LPEP005 Basic course in sport didactics (14 credits)  
 LPEA018 Advanced course minor for students (2 credits)  
 LPEA008 Applied Physical Education (3 cr)

A 256201 Physical Education (60 credits)  
 LPEP001 Introduction to sport pedagogy (3 credits)  
 LPEP002 Pedagogy and didactics of physical education I (3 credits)  
 LPEP004 Course in the observation of movement (6 cr)  
 LPEP005 Basic course in sport didactics (14 credits)  
 LPEA001 Pedagogy and didactics of physical education II (4 cr)  
 LPEA002 Pedagogy and didactics of physical education III (4 cr)  
 LPEA018 Advanced course minor for students (12 credits)  
 LPEA008 Applied Physical Education (3 cr)  
 LPSY001 Basics of sport psychology (2 credits)

LFYY001 Basics of sport biology of physical activity (6 cr)  
 LYTP002 Sport in society (3 credits)

**Person responsible:**

Anneli Pönkkö

*Compulsory*

**LPE.P001: Introduction to sport pedagogy, 3 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

Part 1: Basics in physical education pedagogy

Familiarization with basic theory and concepts in physical education, pedagogy and its tasks and practices.

Part 2: Physical education and modern youth  
Familiarization with cultural transitions among youth in physical education.

**Contents:**

1)

Physical education:

- basic concepts
- applied pedagogical theories and concepts
- tasks
- in schools and educational institutions
- ethical issues
- providing developmental environments

2)

- Free-time and the consumption culture of youth
- Body and exercise as a cultural phenomenon
- PE in schools: challenges and opportunities

**Learning activities and teaching methods:**

Intensive week, 12 L

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Active participation in lectures, completion of assignments, exam.

**Grading:**

0-5

**Person responsible:**

Anneli Pönkkö

*Compulsory*

**LPE.P001-01: Intensive week, 1,5 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**LPE.P001-02: Literature, 1,5 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**LPE.P002: Pedagogy and didactics of physical education I, 3 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-4<sup>th</sup> year

**Learning outcomes:**

Part 1: Sports event

The aim is to apply physical education pedagogy and didactics principles in different learning environments and collaboratively with various bodies.

Part 2: Designing PE

The aim is to familiarize with the curricula, principles and processes related to designing and planning PE.

**Contents:**

- 1) designing and realizing a sports event
- 2) the structure and elements of the planning process in PE: background factors, objectives, learning content, teaching methods and arrangements, and evaluation
- 3) the comprehensive development of PE

**Learning activities and teaching methods:**

01) 20 L/O, 20 IS

02) 24 L, 16 IS

**Assessment methods and criteria:**

- 1) active participation, satisfactory completion of assignments
- 2) active participation in lectures, completion of assignments

**Grading:**

0-5

**Person responsible:**

Anneli Pönkkö

*Compulsory*

**LPE.P002-01: Planning, implementation and evaluation of a sports event, 1,5 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**LPE.P002-02: Planning of teaching, curriculum , 1,5 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**LPE.P005: Basic course in sport didactics, 14 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

14 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-4<sup>th</sup> year

**Learning outcomes:**

Students understand the formation and unique features of physical skills in different environments.

**Contents:**

- core learning in different environments
- observing and utilizing the conditions for learning
- expanding the student's core learning
- performance-orientated practice
- different sports: gymnastics, music and movement, dance, swimming, nature sports, skiing, skating, athletics, special fields of sports.

**Learning activities and teaching methods:**

10 L, 182 O, 186 IS

**Assessment methods and criteria:**

Active participation in lectures and practices, exam, completion of assignments.

**Person responsible:**

Uolevi Mustikkamaa

*Compulsory*

**LPE.P005-01: Theory of human kinetics, 2 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**LPE.P005-02: Apparatus gymnastics, fitness gymnastics, 1,5 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**LPE.P005-03: General gymnastics, music and movement, 1,5 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**LPE.P005-04: Ball games, 3 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**LPE.P005-05: Swimming, 1 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**LPE.P005-06: Dance, 1 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**LPE.P005-07: Nature sports, 1 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**LPE.P005-08: Skiing, 1 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**LPE.P005-09: Skating, 0,5 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**LPE.P005-10: Athletics, 1 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**LPE.P005-11: Introduction to special sports, 0,5 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

**LPE.A003: Advanced course in sport didactics, 2 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Intermediate Studies

**Laji:** Course

**Vastuuyksikkö:** Jyväskylä Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Contents:**

- Sports club: planning, implementing and evaluation
- Building a motivating and efficient learning environment

**Learning activities and teaching methods:**

6 L, 14 O, 34 IS

**Assessment methods and criteria:**

Active participation in lectures and practical exercises, completion of assignments and the planning, implementing and evaluating of sports club activities.

**Grading:**

Pass/fail

**Person responsible:**

Lecture/ assistant in physical education studies

### **LPE.A008: Applied physical education, 3 op**

**Voimassaolo:** 01.08.2005 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Jyväskylä Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-4<sup>th</sup> year

**Learning outcomes:**

Enhance student ability to encounter heterogeneous groups and to apply sports in different environments for students requiring special support.

**Contents:**

- encountering learner individuality and participatory teaching
- didactics of applied physical education
- learning problems and challenges in teaching in PE
- teaching students who require special support

**Learning activities and teaching methods:**

6 L, 26 O, 49 IS

**Recommended or required reading:**

Heikinaro-Johansson, P. & Kolkka, T. 1998. Koululiikuntaa kaikille. Jyväskylä Gummerus.



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

**Assessment methods and criteria:**

Active participation in lectures and practices, completion of set assignments.

**Grading:**

Pass/fail

**A255201: Preschool and Primary Education, 25 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Study module

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opettajat:** Keskitalo, Aulikki Riitta Maria

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ayA255201 Preschool and Primary Education (OPEN UNI) 25.0 op

**ECTS Credits:**

25 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup>-5<sup>th</sup>

**Learning outcomes:**

The studies consist of two course sections.

- general pedagogical studies
- subject didactics studies (3<sup>rd</sup> and 4<sup>th</sup> year)

**Contents:**

a)

- 394001P Basics of pre-school and primary education 3 ECT
- 394002P Guidance of learning in pre-school and primary education 3 ECT
- 394003P Teaching experience 3 ECT

b)

- 394011P Nature study and science 3 ECT
- 394012P Finnish, literature and expressive skills 3 ECT
- 394013P Mathematics 2ECT
- 394014P Religion/philosophies of life 2ECT
- 394015P Physical Education 2 ECT
- 394016P Music, music and movement 2 ECT
- 394017P Arts and crafts 2 ECT

**Grading:**

0-5

**Person responsible:**

Aulikki Keskitalo

*Compulsory*

**394001P: Basics of pre-school/initial education, 3 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394001P Basics of pre-school/initial education (OPEN UNI) 3.0 op

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup>-5<sup>th</sup>/autumn

**Learning outcomes:**

Students familiarize themselves with the development and learning of 6-9 year-olds as they are perceived in developmental psychology, organizing teaching and child learning.

Upon completion, students are familiar with the principles of curriculum at the national, municipal, and individual levels. Students are familiar with the main aspects in the developmental psychology and learning potential of 6-9 year old children. In addition, students have an understanding of the multi-professional and collaborative aspects of pre-school and primary education.

**Contents:**

- pre-school and primary children: psychological development and learning capacities
- Curriculum, individualized support and learning together
- From pre-school to primary teaching: transitional issues
- Collaboration, multi-professionalism, educational partnership

**Learning activities and teaching methods:**

4 L, 20 O, 56 IS

**Recommended or required reading:**

Nurmi, J-E., Ahonen, T., Lyytinen, H., Lyytinen, P., Pulkkinen, L. & Ruoppila, I. 2006. Ihmisen psykologinen kehitys. WSOY.

Rusanen, E. 2008. Esiopetus lapsen silmin. Gaudeamus.

Opetushallitus, 2000. Esiopetuksen opetussuunnitelman perusteet.

Opetushallitus, 2002. Perusopetuksen opetussuunnitelman perusteet vuosiluokille 1-2.

Högström, B. & Saloranta, O. 2001. Esiopetus tavoitteellisen oppimispolun alkuna. Opetushallitus.

Saloranta, O. 2002. Ensimmäiset kouluvuodet. Perusopetuksen vuosiluokkien 1-2 opetus. Opetushallitus.

Peltonen, H., (toim.) 2005. Opiskeluntuki esi- ja alkuopetuksessa. Virikkeitä ja toimintamalleja yleisen ja erityisen tuen järjestämiseksi. Opetushallitus.

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

**Assessment methods and criteria:**

Participation in lectures and exercises, assignments, literature exam.

**Grading:**

Exam 0-5; assignments pass/fail

**Person responsible:**

Tuula Tervo-Määttä

**394002P: Guidance of learning in pre-school/initial education, 3 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394002P Guidance of learning in pre-school/initial education (OPEN UNI) 3.0 op

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**3rd-5<sup>th</sup>/autumn**Learning outcomes:**

Students learn how to observe and perceive the pedagogical process and learn about its development and management in pre-school and primary school education. They are able to recognize the different elements of the pedagogical process and take them into consideration when evaluating or planning teaching. Students develop their knowledge on pre-school and primary curricula, and, on the basis of this, are able to plan and direct goal-based teaching. Students are familiar with the guidance of learning and its inherent elements, and are able to analyse their significance and their impact on learning situations. Students present and assess current research and developments in the field.

**Contents:**

- the pedagogical process and guidance
- curriculum as a basis for development and teaching
- designing, implementing, assessing and development teaching
- guidance of learning
- research and development in pre-school and primary education

**Learning activities and teaching methods:**

10 L, 20 O, 50 IS

**Recommended or required reading:**

Hakkarainen, P.2002.Kehittävä esiopetus ja oppiminen ja

Kitson, N. &amp; Merry, R. 1997. Teaching in the primary school: a learning relationship. (Saatavissa myös elektronisena.) tai

Bodrova, J. & Leong, D.J.1996. Tools of the mind. The Vygotskian approach to early childhood education. Availability of course books can be checked [here](#).**Assessment methods and criteria:**

Exercises and exam.

**Grading:**

Exam 0-5; exercises pass/fail

**Person responsible:**

Aulikki Keskitalo

**394003P: Practice in pre-school/initial education, 3 op****Voimassaolo:** - 31.07.2013**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay394003P Practice in pre-school/initial education (OPEN UNI) 3.0 op

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

Flexible

**Learning outcomes:**

Students experience and familiarize themselves with pre-school and primary education work in practice.

Students are aware of the main traits of institutions that provide pre-school and primary education. They are able to assess and analyse relevant aspects of the teaching work that occurs in these institutions as well as the needs and opportunities for collaboration. Students are familiar with the teacher's daily work and can, under supervision, take responsibility for planning, instruction and assessment tasks in a satisfactory manner

**Contents:**

- full-time practice
- pre-school and primary education and collaboration
- participation in the daily tasks of the teacher
- planning, carrying out, assessing and developing practice

**Learning activities and teaching methods:**

10 consecutive days of practice; independent study according student's own timetable

**Recommended optional programme components:**

Requirements: in order to register, students must have completed the general pedagogical studies courses in pre-school and primary education.

**Assessment methods and criteria:**

Practice period and reporting.

**Grading:**

Pass/fail

**Person responsible:**

Aulikki Keskitalo

**394011P: Environmental and nature studies, 3 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394011P Environmental and nature studies (OPEN UNI) 3.0 op

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year /Autumn

**Learning outcomes:**

Students familiarize themselves with issues and practices in nature study and science in pre-school and primary education.

Students are familiar with the curricula and teaching materials used in nature study and science can use them in planning teaching. Students acquaint themselves with the core teaching content and methods; they can plan, realize and evaluate teaching for different age-levels.

**Contents:**

Nature study and science in pre-school and primary education curricula. Core content and central methods. Learning materials.

**Learning activities and teaching methods:**

6 L, 14 O, 60 IS

**Recommended or required reading:**

Hiltunen, J. & Konivuori, H. 2004. Vihreä draama.  
 Cantell, H.(toim.) 2004. Ympäristökasvatuksen käsikirja  
 Availability of course books can be checked [here](#).

**Assessment methods and criteria:**

Exam and exercises

**Grading:**

Exam 0-5; other work pass/fail.

**Person responsible:**

-

**394012P: Finnish, literature and expressive skills, 3 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Jyväskylä Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394012P Finnish, literature and expressive skills (OPEN UNI) 3.0 op

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

Students familiarize themselves with language development and support mechanisms in the realm of pre-school and primary education. They gain skills in teaching and the guidance of learning in reading, writing and drama skills for children.

Students are able to identify and explain the principle features, individual differences and potential problem-areas in the language development of children. They are familiar with relevant curricula and core content-areas and are able to plan, direct and assess activities in language development in an appropriate way.

Students are able to evaluate and apply different kinds of methods in teaching reading, writing, and drama skills. They are able to use and assess the history, research, core content-areas and educational materials in teaching reading and writing effectively.

**Contents:**

- Language development in pre-school and primary level children.
- Pre-school and primary education: the mother tongue and curricula
- Aspects of learning and teaching reading and writing skills: history, research, planning, methods and assessment
- Drama education
- Learning materials

**Learning activities and teaching methods:**

10 L, 20 O + 12 O (course in drama education), 38 IS

**Recommended or required reading:**

Lerkkanen, M-K. 2006. Lukemaan oppiminen ja opettaminen esi- ja alkuopetuksessa.  
 Trageton, A. 2007. Lukemaan oppiminen kirjoittamalla.  
 Availability of course books can be checked [here](#).

**Assessment methods and criteria:**

Exam and practicals

**Grading:**

Exam 0-5; practicals (pass/fail Exam and practicals)

**Person responsible:**

Aulikki Keskitalo

**394013P: Mathematics, 2 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394013P Mathematics (OPEN UNI) 2.0 op

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup>-5<sup>th</sup>/spring

**Learning outcomes:**

The course looks at the development of the child's aptitudes for mathematical thinking. Students learn how to teach and guide learning in Maths can describe the central features of the development of mathematical thinking, individual differences and potential problem-areas in maths. They are familiar with relevant curricula and core-content in mathematics and are able to plan, direct and assess mathematics activities in suitable ways. Students are able to evaluate and apply different kinds of methods in maths and can effectively use and assess research and central learning materials in teaching early maths.

**Contents:**

- development of mathematical thinking
- mathematics in pre-school and primary education curricula
- maths teaching and guidance of learning: history, research, planning, methods and assessment
- learning materials

**Learning activities and teaching methods:**

10 L, 20 O, 24 IS

**Recommended or required reading:**

Article/summary (handout)

**Assessment methods and criteria:**

Exam and practical exercises

**Grading:**

Exam 0-5; exercises (pass/fail)

**Person responsible:**

Aulikki Keskitalo

**394014P: Religious education/study of practical ethics and world views, 2 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394014P Religious education/study of practical ethics and world views (OPEN UNI) 2.0 op

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup>-4<sup>th</sup>

**Learning outcomes:**

Students explore their personal and teaching philosophies in religious education. They are familiar with relevant curricula and general learning materials and can use them effectively in planning teaching. Students are familiar with core-content areas and methods, and are able to plan, realize and assess teaching for different age-levels.

**Contents:**

- psychological viewpoints of religion that should be taken into account in pre-school and primary teaching (child's needs, stage of development, way of learning, imparting religious content)
- educator of religion/religion teacher

**Learning activities and teaching methods:**

10 L, 44 IS

**Recommended or required reading:**

Ylönen, H. & Luumi, P. 2002. Kertomus on tie. Sadut ja raamatunkertomukset lasten maailmassa. Availability of course books can be checked [here](#).

**Assessment methods and criteria:**

Lecture and literature exam.

**Grading:**

Pass/fail

**Person responsible:**

Lecturer Aulikki Keskitalo

### 394015P: Physical education, 2 op

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394015P Physical education (OPEN UNI) 2.0 op

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup>-4<sup>th</sup> year/spring

**Learning outcomes:**

Students understand the connection between physical education and the child's overall development, and familiarize themselves with the motor development of children between 6-9 years. Students learn to assess and support the motor development of children. The course introduces students to relevant physical education curricula at the pre-school and primary levels. Students understand the role of physical education in child development. Students are familiar with the basics of motor development. Students are able to support a child's motor development through physical education

**Contents:**

- significance of PE in child development
- motor development in a 6-9 year old
- supporting motor development in children
- objectives and tasks of physical PE in pre-school and primary education
- content and teaching methods

**Learning activities and teaching methods:**

10 L, 20 O, 24 IS

**Assessment methods and criteria:**

Lectures and exercises.

**Grading:**

Pass/fail

**Person responsible:**

Lecture/assistant in physical education studies

**394016P: Music and movement, 2 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394016P Music and movement (OPEN UNI) 2.0 op

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup>-4<sup>th</sup> year/spring

**Learning outcomes:**

Students familiarize themselves with the pedagogical aspects of music education at the pre-school and primary levels.

**Contents:**

- teaching notation for beginners
- music movement as a tool in teaching musical concepts
- songs and play
- school instruments in pre-school and primary education
- creative expression and integrating music teaching with other subjects

**Learning activities and teaching methods:**



20 O, 34 IS

**Assessment methods and criteria:**

Practical exercises, independent practical assignments.

**Grading:**

Pass/fail

**Person responsible:**

Music teacher

**394017P: Visual arts and handicrafts, 2 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394017P Visual arts and handicrafts (OPEN UNI) 2.0 op

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup>-5<sup>th</sup>/spring

**Learning outcomes:**

Two parts: 01) visual arts 02) handicrafts

01)

- Students familiarize themselves with visual arts education as a developing agent in visual thinking, perceptive skills, imagination and creativity.
- Students familiarize themselves with goal-based planning in visual arts education
- Students understand that visual arts education plays an important role in the development of the child's visual thinking, perceptive skills and imagination. From this standpoint, visual arts are approached as developmental factors in learning and thinking capacity.
- Students are able to plan goal-based teaching sequences in which the processing of multi-sensory perceptions and images is a central element.
- Students are able to apply diverse and suitable working methods in which both images and the various methods of three-dimensional work alternate.

02)

- Students familiarize themselves with literature and theory on the didactic practices of textile craft /artefact design.
- Students are able to orientate themselves towards producing functional themed activities and learning environments on the basis of expert knowledge.
- Students understand the factors that affect the working process and product in different learning environments and year groups.
- Students are able to integrate handcraft learning into language and visual arts.

**Contents:**

01)

- processing multi-sensory perceptions and the experienced world
- processing and producing images by drawing, painting, shaping, discussing and assessing
- familiarization with drawing, painting and graphic expression methods and materials through individual work
- practical exercises processing three-dimensional form using various materials

02)

Textile crafts/artefact design in pre-school and primary education:

- material selection: significance and the defined and functional use of selected materials
- factors and definitions
- opportunities for integration in visual and worded art forms: fairy tales, stories, tales, poems, rhymes, etc.
- learning materials: their production and reflective, analytical and interpretative uses

**Learning activities and teaching methods:**

01) 2 L, 12 O, 13 IS

02) 14 O, 13 IS

**Recommended or required reading:**

01) Hakkola, K. & Laitinen, S. & Ovaska-Airasmaa, M. 1991. Lasten taidekasvatus.

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

**Assessment methods and criteria:**

01) Lectures, exercises and practical assignments

02) Lectures, exercises and study assignments

**Grading:**

Pass/fail

**Person responsible:**

01) Visual arts teacher

02) Lecturer Eeva-Maija Lappalainen

*Compulsory*

**394017P-01: Visual arts, 1 op**

**Voimassaolo:** 01.08.2008 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394017P-01 Visual arts (OPEN UNI) 1.0 op

**ECTS Credits:**

1 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup>-5<sup>th</sup>/spring

**Learning outcomes:**

- Students familiarize themselves with visual arts education as a developing agent in visual thinking, perceptive skills, imagination and creativity.
- Students familiarize themselves with goal-based planning in visual arts education
- Students understand that visual arts education plays an important role in the development of the child's visual thinking, perceptive skills and imagination. From this standpoint, visual arts are approached as developmental factors in learning and thinking capacity.
- Students are able to plan goal-based teaching sequences in which the processing of multi-sensory perceptions and images is a central element.
- Students are able to apply diverse and suitable working methods in which both images and the various methods of three-dimensional work alternate.

**Contents:**

- processing multi-sensory perceptions and the experienced world
- processing and producing images by drawing, painting, shaping, discussing and assessing

- familiarization with drawing, painting and graphic expression methods and materials through individual work
- practical exercises processing three-dimensional form using various materials

**Learning activities and teaching methods:**

2L, 12 O, 13 IS

**Recommended or required reading:**

Hakkola, K. & Laitinen, S. & Ovaska-Airasmaa, M. 1991. Lasten taidekasvatus. Availability of course books can be checked [here](#).

**Assessment methods and criteria:**

Lectures, exercises and practical assignments

**Grading:**

Pass/fail

**Person responsible:**

Visual arts teacher

**394017P-02: Handicrafts, 1 op**

**Voimassaolo:** 01.08.2008 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Partial credit

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394017P-02 Handicrafts (OPEN UNI) 1.0 op

**ECTS Credits:**

1 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>rd</sup>-5<sup>th</sup>/spring

**Learning outcomes:**

- Students familiarize themselves with literature and theory on the didactic practices of textile craft/artefact design.
- Students are able to orientate themselves towards producing functional themed activities and learning environments on the basis of expert knowledge.
- Students understand the factors that affect the working process and product in different learning environments and year groups.
- Students are able to integrate handcraft learning into language and visual arts.

**Contents:**

Textile crafts/artefact design in pre-school and primary education:

- material selection: significance and the defined and functional use of selected materials
- factors and definitions
- opportunities for integration in visual and worded art forms: fairy tales, stories, tales, poems, rhymes, etc.
- learning materials: their production and reflective, analytical and interpretative uses

**Learning activities and teaching methods:**

14O, 13 IS

**Recommended or required reading:**

-

**Assessment methods and criteria:**

Lectures, exercises and study assignments.

**Grading:**

Pass/fail

**Person responsible:**

Lecturer Eeva-Maija Lappalainen

**A255101: Special education (Kajaani), 25 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Study module

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

25 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

Content: The central aim of special education pedagogy can be encapsulated as the attempt to eradicate and minimize hurdles in learning and participation and to develop applicable theoretical approaches, action models and practices for these purposes. The basic fields of science which form the basis of special education pedagogy are education, psychology, logopedia, social sciences, and some areas in medical science. Special education pedagogy can be seen as a subarea of education when referring to the organisation of development, learning and teaching processes for children and youth who need special support. Special education is an umbrella term, encompassing many aspects of theory, pedagogy, and practice. One of the subareas is the teaching of special education. Themes covered in the minor subject studies include: respecting and encountering difference, needs in learning support, communication difficulties and behavioural challenges and familiarization with special education services, prevention of discrimination and integration-inclusion development. The minor subject is completed by literature-study, assignments, participation in lectures and small-group sessions as well as study visits. Those who completed the course on the basics of special education (7 ECT) may complete course 392376S instead.

**Contents:**

- 394901P Basic course in special education 5 ECT
- 394902P Challenges of language and communication 5 ECT
- 394903P Challenges of behaviour 5 ECT
- 394904P Challenges of learning 5 ECT
- 394905P Literature and seminar in special education 5 ECT

**Grading:**

pass/fail

**Person responsible:**

Special education professor

*Compulsory*

**394901P: Basic course in special education, 5 op**

**Voimassaolo:** 01.08.2008 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 credits

**Language of instruction:**

Finnish

**Timing:**3-5<sup>th</sup> year**Learning outcomes:**

The course looks at a variety of themes and concepts in special science: special education as a science, difference, diversity, the value basis of special education, and core concepts, classification processes and target groups. Students familiarize themselves with the definitions, objectives and methods as well as the practice and theory of special education.

After completion students will be able to define special education; analyse the relationships between special education settings, special education as a discipline, and rehabilitation. Students are familiar with the target groups and are able to compare concepts relating to diversity, disability and difference. In addition, students visit special education facilities and learn how to take part in discussion on theories in special education in practice.

**Contents:**

- special education: ideology, values and principles
- conceptualisations of human existence, difference and diversity
- special education pedagogy and related disciplines
- following, observing and early detection in child development
- general, special and intensive support and care, teaching and rehabilitation
- special education: the field, target groups and practices

**Learning activities and teaching methods:**

10 L, 28 O, 97 IS (incl. small-group sessions 20h, and visits 8 h)

**Recommended or required reading:**

Jahnukainen, M. (toim.) 2002. (tai uudempi painos) Lasten erityishuolto ja -opetus Suomessa. Lsk.  
 Hautamäki, J., Lahtinen, U., Moberg, S. & Tuunainen, K. 2001. Erityispedagogiikan perusteet. WSOY.  
 Pihlaja, P. & Viitala, R. 2004. Erityiskasvatus varhaislapsuudessa. WSOY.  
 Ylen avoin. Yhteiset lapsemme ohjelmasarja, ( [www.yle.fi /opinportti/ylenavoin/ ohjelmasarjaselosteet /yhteisetlapsemme1/osa1](http://www.yle.fi/opinportti/ylenavoin/ohjelmasarjaselosteet/yhteisetlapsemme1/osa1). tai vastaava videomateriaali).

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

**Assessment methods and criteria:**

Participation in all teaching and visits, assignments, literature and lecture exam.

**Grading:**

Pass/fail

**Person responsible:**

Special education professor

**394902P: Challenges of language and communication, 5 op****Voimassaolo:** 01.08.2008 - 31.07.2013**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

5 credits

**Language of instruction:**

Finnish

**Timing:**3<sup>rd</sup>-5<sup>th</sup> year**Learning outcomes:**

During the course, we familiarize ourselves with interaction, language development and language difficulties. In addition, we learn about the different ways in which language problems surface, their detection, assessment as well as remedial measures and support systems. After completion students are able to define what language and communication difficulties are and how they occur in different age groups. They are able to name diagnostic and evaluative methods and how they are used. They can also define the principle methods of care and rehabilitation (both individualized and inclusive) from different perspectives (comparative analysis).

**Contents:**

- Delays and deviations in speech and language development
- Language and hearing difficulties in childhood, youth and adulthood
- Emergence and detection of difficulties in the areas of speech, language and communication
- Supporting communication and supportive and substitutive communication methods in speech

**Learning activities and teaching methods:**

10 L, 26 O, 99 IS (incl. small-group teaching 20h, study visits and/or examples of children)

**Recommended or required reading:**

Launonen, K., & Korpjaakko -Huuha, A-M. (toim.) 2002. Kommunikoinnin häiriöt: syitä, ilmenemismuotoja ja kuntoutuksen perusteita. Palmenia.

Siiskonen, T. , Aro.T., Ahonen, T. & Ketonen. R., (toim.) 2003. Joko se puhuu? kielellisen kehityksen vaikeudet varhaislapsuudessa. PS -kustannus.

Aro. T., Siiskonen.T. & Ahonen, T. (toim.) 2007. Kielelliset vaikeudet nuoruusiässä. PS-kustannus.

Huhtanen, K. (toim.) 2001. Puhetta korvaavat ja tukevat kommunikaatiomenetelmät suomessa vuosituhaten alussa. Kehitysvammaliitto.

Määttä, P. , Lehto, E., Hasan, M., & Parkas, R. (toim.) 2005. Lapsi kuulolla. Opas kuulovammaisen lapsen opettajille ja kasvattajille. PS - kustannus.

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

**Assessment methods and criteria:**

Participation in lectures, small-group teaching and study visits. Assignments and literature and lecture exam.

**Grading:**

Pass/fail

**Person responsible:**

Special education professor

**394903P: Challenges of behaviour, 5 op**

**Voimassaolo:** 01.08.2008 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 credits

**Language of instruction:**

Finnish

**Timing:**3-5<sup>th</sup> year**Learning outcomes:**

The course looks at behavioural challenges within the education system from the perspective of youth psychiatry, neurology and society. Students familiarize themselves with the concepts, diagnostics, assessments and interpretations associated with challenging behaviour.

Upon completion, students are able to:

- define behavioural sciences
- identify diagnostic and assessment methods and how they are used
- list and compare the main methods of care and rehabilitation from different disciplinary perspectives

**Contents:**

- behavioural and emotional disorders in different frameworks
- concepts, diagnostics and interpretations
- detection of attention and behavioural disorders in children and youths
- isolation and the need for emotional support
- risk factors and unfavourable development, treatment and rehabilitation
- protective measures and supporting positive development

**Learning activities and teaching methods:**

10 L, 26 O, 99 IS (incl. small-group teaching 20 h and study visits and example children 6h)

**Recommended or required reading:**

Järventie, I. & Sauli, H. (toim.) 2001. Eriarvoinen lapsuus. WSOY.

Laitinen, A. & Aromaa, K. 2005. Rikollisuus ja kriminologia. Vastapaino.

Michelsson, K., Miettinen, K., Saresmaa, U. & Virtanen, P. 2003. AD/HD nuorilla ja aikuisilla. WS BookWell Oy.

Broberg, A., Almqvist, K. & Tjus, T. 2005. Kliininen lapsipsykologia. Edita.

Lönnqvist, J., Heikknen, M., Henksson, M., Marttunen, M. & Partonen, T. 2001. Psykiatria. Duodecim. (Luvut 1-25, paitsi ei lukuja 10, 14, 17, 18, 21, 22 ja 24).

Pojjula, S. 2007. Lapsi ja kriisi. Selviytymisen tukeminen. Kirjapaja.

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

**Assessment methods and criteria:**

Active participation, literature and lecture exam OR literature essay/summary on three of the above works (one of which must be Lönnqvist et al)

**Grading:**

Pass/fail

**Person responsible:**

Special education professor

**394904P: Challenges of learning, 5 op**

**Voimassaolo:** 01.08.2008 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 credits

**Language of instruction:**

Finnish

**Timing:**

3-5<sup>th</sup> year

**Learning outcomes:**

The course focuses on learning difficulties, disabilities and giftedness: backgrounds, how they surface, and methods and practices in teaching and instruction.

Intended learning outcomes: teaching strategies, education and instruction methods for target groups at all age levels. Students are able to define the following concepts: learning disabilities, learning difficulty,

intellectual and developmental disability and giftedness. They can recognize and compare both individual and inclusive aspects of this area in education.

**Contents:**

- learning difficulties: approaches and backgrounds
- sensomotoric functions in learning
- different kinds of learner from the gifted to the disable
- learning challenges from early childhood to adulthood
- detection, assessment and support of learning challenges
- individualized and inclusivity

**Learning activities and teaching methods:**

10 L, 26 O, 99 IS (incl. small-group teaching 20h, study visits and/or examples of children)

**Recommended or required reading:**

Ikonen, O. Juvonen, J. 6 Ojala, T. (toim.) 2002. Kohtaamisia koulupoluilla. Tukea kasvatukseen ja opetukseen. Otava.

Kaski, M., Manninen, A., Moisa, P. & Pihko, H. 2002. Kehitysvammaisuus. WSOY. Ayres, A., 2008. Aistimusten aallokossa. Sensorisen integraation häiriöt ja terapia. PS-kustannus.

Kerola, K. (toim.) 2001. Struktuuria opetukseen. Selkeys ja rakenteet oppimisen edistäjänä. PS-kustannus. Availability of course books can be checked [here](#).

**Assessment methods and criteria:**

Participation in teaching, assignments, literature and lecture exam or literature essays and a summary

**Grading:**

Pass/fail

**Person responsible:**

Special education professor

**394905P: Literature and seminar in special education, 5 op**

**Voimassaolo:** 01.08.2008 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

5 credits

**Language of instruction:**

Finnish

**Timing:**

3-5<sup>th</sup> year

**Learning outcomes:**

The course introduces students to the literature, history and development of special education. Students familiarize themselves with special services and their structures and the course of an individual's life within them. In addition, students are introduced to the concepts of autonomy, empowerment and family.

**Contents:**

- Special education - past, present and future
- Integration, inclusion, and the home school
- Service systems and multi-professional forms of support for individuals and the family
- Special education as a profession

**Learning activities and teaching methods:**

4 L, 20 O, 111 IS

**Recommended or required reading:**



Jahnukainen, M. (toim.) 2002.(tai uudempi painos) Lasten erityishuolto ja -opetus Suomessa. LSK. Opetusministeriö. 2007. [Erityisopetuksen strategia. Opetusministeriön työryhmämuistioita ja selvityksiä 47.](#)  
 Pihlaja, P. & Viitala, R. 2004. Erityiskasvatus varhaislapsuudessa. WSOY.  
 Määttä, P. 1999. Perhe asiantuntijana. Erityiskasvatuksen ja kuntoutuksen käytännöt. Atena.  
 Ladonlahti, T. & Pirttimaa, R. (toim.) Erityispedagogiikka ja aikuisuus. Palmenia-kustannus.  
 Murto, P., Naukkarinen, A. & Saloviita, T. (toim.) Inklusion haaste koululle. PS-kustannus.  
 Availability of course books can be checked [here](#).

**Assessment methods and criteria:**

Participation in contact teaching, literature exam, essay and seminar presentation

**Grading:**

Pass/fail

**Person responsible:**

Lecturer

## A255901: Technical work, 25 op

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Study module

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opettajat:** Turpeinen, Juha-Matti

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

25 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

Students develop their abilities to teacher technical skills and crafts in basic education. They deepen their know-how in handcrafts, entrepreneurship and technology education and familiarize themselves with the concept of design and innovation. Themes on product design and creativity are explored at a deeper level than in prior studies. Other themes include: responsibility for the environment, well-being, sustainable futures, safety and traffic

Students develop their knowledge and skills in:

- teaching technical crafts and skills in basic education
- handcrafts study and design
- materials
- entrepreneurship and technology education
- innovation and creativity
- product design and creativity
- ICT-skills

**Contents:**

394401P Wood technology

394402P Metal technology and the project topic

394403P Product design and information technology

304494P Mechanical and electrical technology

**Recommended optional programme components:**

Possible to select without having completed basic level studies, but the safety section must be completed before starting the course.

**Recommended or required reading:**

Kuhmonen, Pirkko Liisi (toim.) 1994. Käsityön, teknisen työn ja tekstiilityön opetuksen työturvallisuus opas tai

Aadeli Sirkka (et al.) 2004. Käsityön työturvallisuusopas teknisen työn ja tekstiilityön opetukseen.

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

**Person responsible:**

Lecturer Juha- Matti Turpeinen

*Compulsory***394401P: Wood technology, 6 op****Voimassaolo:** 01.08.2007 - 31.07.2013**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

6 credits

**Language of instruction:**

Finnish

**Timing:**3<sup>th</sup>-5<sup>th</sup> year**Learning outcomes:**

Students develop their skills in carpentry. Students learn to maintain and repair tools. We learn how to use and maintain machinery for treating wood materials safely and independently.

**Contents:**

- tools and machinery for treating wood materials
- expanding student skills in more demanding tasks: bowl-turning, decorative carving
- basic structure, maintenance and repair of machinery

**Learning activities and teaching methods:**

8 L, 56 O, 98 IS

**Recommended or required reading:**

Jackson, Albert. 1997. Puun jyrshintä.  
 Kekkonen, Mauri. 1999. Puunsorvauksen salat.  
 Scott, Ernest. 1984, 1992 tai 2004. Suuri puutyökirja.  
 Laakkonen, Pekka. 1996. Puutekniikka 1.  
 Kuikka, Kalervo. 1998-2003. Puutekniikka 2.  
 Voutilainen, Matti. 1994. Puutekniikka 3.  
 Jussila, Ari. 1993. Puutekniikka 4.

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

**Assessment methods and criteria:**

Active participation , design and implementation tasks, written assignments, exam.

**Grading:**

0-5 (assessment scope includes learning projects and respective reports realized within all course-modules, as well as exams and produced learning materials)

**Person responsible:**

Lecturer Juha-Matti Turpeinen

**394402P: Metal technology and the project topic, 6,5 op****Voimassaolo:** 01.08.2007 - 31.07.2013**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish

**ECTS Credits:**

6,5 credits

**Language of instruction:**

Finnish

**Timing:**3<sup>th</sup>-5<sup>th</sup> year**Learning outcomes:**

Practicing skills in:

- study of metallic materials
- methods of joining metals
- metal chipping and shaving
- treatment of metals
- thematic project work in new subject matter applicable for use in schools
- producing functional products for practical use

**Contents:**

- expanding crafts skills, e.g. turning metal
- welding and forging methods
- developing knowledge of materials

**Learning activities and teaching methods:**

14L, 54 O, 111 IS

**Recommended or required reading:**

Ansaharju, Tapani. 1989. Lastuava työstö. Katainen, Harri. 1989. Aineliitostekniikka. Ansaharju, Tapani (et. al.) 1991-1999. Materiaalitekniikka.

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

**Assessment methods and criteria:**

Active participation , design and implementation tasks, written assignments, exam.

**Grading:**

0-5 (assessment scope includes learning projects and respective reports realized within all course-modules, as well as exams and produced learning materials)

**Person responsible:**

Lecturer Juha-Matti Turpeinen

**394403P: Product design and information technology, 5 op****Voimassaolo:** 01.08.2007 - 31.07.2013**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

5 credits

**Language of instruction:**

Finnish

**Timing:**3<sup>th</sup>-5<sup>th</sup> year**Learning outcomes:**

The entire minor subject begins with the concept of product design. Students develop a deeper understanding of the topic during this course. The course also looks at IT skills and application.

**Contents:**

- product design
- product design and its elemental processes
- technical drawing in product design
- calculating and assessing manufacturing costs
- using IT in teaching
- Finnish handcrafts design and culture

**Learning activities and teaching methods:**

8 L, 40 O, 85 IS

**Recommended or required reading:**

Kettunen, Ilkka. 2001. Muodon palapeli.

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

**Assessment methods and criteria:**

Active participation , design and implementation tasks, written assignments, exam.

**Grading:**

0-5 (assessment scope includes learning projects and respective reports realized within all course-modules, as well as exams and produced learning materials)

**Person responsible:**

Lecturer Juha-Matti Turpeinen

**394404P: Mechanical and electrical technology, 7,5 op**

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**

7,5 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

During the course students deepen and expand their skills in working with electronics, plan electronic systems using different learning environments, and apply technology education in teaching through e.g. aviation.

**Contents:**

-

**Learning activities and teaching methods:**

10 L, 54 O, 139 IS

**Recommended or required reading:**

Silvonon, Kimmo (et. al.) 2003. Analogiaelektroniikka.

Volotinen, Vesa. 1996-2003. Digitaalitekniikka; perusteet ja sovellukset.

Perälä, Osmo. 2002. Pienmoottorit ja työkonet - Käyttö, huolto ja korjaus.

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

**Assessment methods and criteria:**

Active participation , design and implementation tasks, written assignments, exam.

**Grading:**

0-5 (assessment scope includes learning projects and respective reports realized within all course-modules, as well as exams and produced learning materials)

**Person responsible:**

Lecturer Juha-Matti Turpeinen

**A256001: Textile work, 25 op**

**Voimassaolo:** - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Study module

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ayA256001 Textile work (OPEN UNI) 25.0 op

**ECTS Credits:**

25 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

Deepening and expanding basic knowledge and skills in hand craft design. The future teacher is able to participate in early childhood education and/or primary education curricular and teaching planning flexibly, independently and in cooperation with others. The minor provides students with knowledge, stimuli and skills for teaching textile crafts. These include: hand craft design planning, production, assessment, and interpretative processes involved in learning environments in early childhood education and the lower primary level; setting objectives for learning content; teaching arrangements and keeping up-to-date with developments in the field.

Students:

- understand the object of hand crafts design at a deeper level and the factors that affect it
- selection of subject motives and themes, use of colour, selection of materials and tools in relation to the form, model, style, pattern, and structure of the working object.
- Are familiar with the school curriculum and the hand crafts budget in planning lessons and sequences of teaching.
- Students understand the cultural essence of hand craft design categorically, qualitatively, nationally, internationally and in terms of empowerment

**Contents:**

- 394501P Ways of expression in materials and colours (4 cr)
- 394502P Textile materials and orientation to materials, tools and work spaces, clothes care, textile economics and economy (1 cr)
- 394503P Experimental work with yarns, free and counted-thread embroidery (3 cr)
- 394504P Experimental weaving in primary and preprimary education (5 cr)
- 394505P From cultural heritage and tradition towards new innovations (3 cr)
- 394506P Curriculum work: the process of planning, manufacturing, evaluation and analysis and its development in textile work (2 cr)
- 394507P Use of pedagogy and didactic approaches in textile work (2 cr)
- 394508P Textile work and (multi)cultural contexts (2 cr)
- 394509P Study and company visits (1 cr)
- 394510P Textiles around us: cloth animals and their garments, clothing and environment textiles in textile work (2 cr)

**Person responsible:**

Eeva-Maija Lappalainen

*Compulsory*

**394501P: Ways of expression in materials and colours, 4 op**

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394501P Ways of expression in materials and colours (OPEN UNI) 4.0 op

**ECTS Credits:**

4 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning activities and teaching methods:**

4 L, 42 O, 62 IS

**Recommended or required reading:**

Aittomäki, R., Colliander, H. & Kotiranta, H. 1994. Väriä luonnosta. Kirjayhtymä.

Lappalainen, E-M. 2002. Kasvivärjäyksestä sen käytöstä ja mahdollisuuksista peruskoulun käsityökasvatuksessa KOKY. Opetusmoniste.

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

**Assessment methods and criteria:**

Participation in and completion of exercises, reporting on assignments and linking them with curricular planning in class and independently. A part of the literature study is completed in the form of written essays which are reviewed in seminar sessions. Set coursework is finalized during the course.

**Grading:**

Pass/fail

**394502P: Textile materials and orientation to materials, tools and work spaces, clothes care, textile economics and economy, 1 op**

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394502P Textile materials and orientation to materials, tools and work spaces, clothes care, textile economics and economy (OPEN UNI) 1.0 op

**ECTS Credits:**

1 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

-

**Learning activities and teaching methods:**

4 L 4 O, 19 IS

**Recommended or required reading:**

Boncamper, I. 1991. Tekstiilioppi. Kuituraaka-aineet. Hämeenlinna: Wetterhoff.  
 Kuluttajakasvatuksella kestävään kehitykseen. 1991. P-L. Kuhmonen & E. Syrjäläinen (toim.) Helsinki: VPK.  
 Talvenmaa, P. 1998. Tekstiilit ja ympäristö. Tampere: Tekstiili- ja vaateusteollisuus.  
 Availability of course books can be checked [here](#).

**Assessment methods and criteria:**

Participation in and completion of exercises, reporting on assignments and linking them with curricular planning in class and independently. A part of the literature study is completed in the form of written essays which are reviewed in seminar sessions. Set coursework is finalized during the course.

**Grading:**

Pass/fail

**394503P: Experimental work with yarns, free and counted-thread embroidery, 3 op**

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394503P Experimental work with yarns, free and counted-thread embroidery (OPEN UNI) 3.0  
 op

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning activities and teaching methods:**

4 L, 24 O, 53 IS

**Recommended or required reading:**

Luutonen, M. 1999. Elämänkirjo neuleissa. Akatiimi.  
 Seppälä, M-L., Bovellan, R. & Mikkilä, K. 1979. Kirjonta. Otava.  
 Availability of course books can be checked [here](#).

**Assessment methods and criteria:**

Participation in and completion of exercises, reporting on assignments and linking them with curricular planning in class and independently. A part of the literature study is completed in the form of written essays which are reviewed in seminar sessions. Set coursework is finalized during the course.

**Grading:**

0-5

**Person responsible:**

Eeva-Maija Lappalainen

**394504P: Experimental weaving in primary and preprimary education, 5 op**

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394504P Experimental weaving in primary and preprimary education (OPEN UNI) 5.0 op

**ECTS Credits:**

5 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning activities and teaching methods:**

4 L, 24 O, 107 IS

**Recommended or required reading:**

Lappalainen, E-M. 2002. "Kankaankudonnan käsikirja" Mahtuuko kankaankudonta peruskoulun pirtaan kolmannella vuosituohannella? KOKY. Opetusmoniste.

Harjumäki, U. Kivistö, H. Lähteenmäki, E. Turkia, A. Kankaankutojan sidosoppi. Helsinki: Otava.

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

**Assessment methods and criteria:**

Participation in and completion of exercises, reporting on assignments and linking them with curricular planning in class and independently. A part of the literature study is completed in the form of written essays which are reviewed in seminar sessions. Set coursework is finalized during the course.

**Grading:**

0-5

**Person responsible:**

Eeva-Maija Lappalainen

### **394505P: From cultural heritage and tradition towards new innovations, 3 op**

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394505P From cultural heritage and tradition towards new innovations (OPEN UNI) 3.0 op

**ECTS Credits:**

3 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

Students familiarize themselves with Finnish textile crafts tradition and heritage through individual, pair or group work (finished work, samples, museum visits, literature and the Internet). Students experiment with areas of creativity that could potentially lead to new, expressive solutions. Based on the selected genre of tradition, students learn new skills and seek to utilize the acquired cultural capital in order to meet modern needs but in accordance with the time-period the tradition is drawn from.



**Learning activities and teaching methods:**

4 L, 16 O, 61 IS

**Recommended or required reading:**

Kaukonen, T.-I. 1999. Kynärä pohjaa, kortteli raitaa. Akatiimi.  
 Luutonen, M. 1997. Kansanomainen tuote merkityksenkantajana. Akatiimi.  
 Lönnqvist, B. 1979. Kansanpuku ja kansallispuuku. Otava.  
 Tenkama, P. & Ylimartimo, S. 1998. Arktinen horisontti. Akatiimi. (soveltuvin osin)  
 Availability of course books can be checked [here](#).

**Assessment methods and criteria:**

Participation in and completion of exercises, reporting on assignments and linking them with curricular planning in class and independently. A part of the literature study is completed in the form of written essays which are reviewed in seminar sessions. Set coursework is finalized during the course.

**Grading:**

0-5

**Person responsible:**

Lecturer Eeva-Maija Lappalainen

**394506P: Curriculum work: the process of planning, manufacturing, evaluation and analysis and its development in textile work, 2 op**

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394506P Curriculum work: the process of planning, manufacturing, evaluation and analysis and its development in textile work (OPEN UNI) 2.0 op

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

The future teacher learns to define the objectives, content area, assignments types for different grade-levels and to participate in the curricular planning process at the school.

**Contents:**

Curricular planning processes in textile crafts and design in early childhood and primary education.

**Learning activities and teaching methods:**

4 L, 20 O, 30 IS

**Recommended or required reading:**

Anttila, P. 1993. Käsityön ja muotoilun teoreettiset perusteet. WSOY. (soveltuvin osin)  
 Kojonkoski-Rännäli, S. 1995. Ajatus käsissämme. Käsityön käsitteen merkityssisällön analyysi. Turun yliopisto.  
 Suojanen, U. 1993. Käsityökasvatuksen perusteet. WSOY.  
 Suojanen, U. 1997. Vihreät tekstiilit. Helsinki: Yliopistopaino.  
 Fischer, R. 1995. Teaching Children to Think. Basil Blackwell Ltd. Great Britain by T.J. Press, Padstow, Cornwall.

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

**Assessment methods and criteria:**

Essay-form assignments. Reporting on assignments and linking them with curricular planning in class and independently. A part of the literature study is completed in the form of written essays which are reviewed in seminar sessions. Set coursework is finalized during the course.

**Grading:**

0-5

**Person responsible:**

Lecturer Eeva-Maija Lappalainen

**394507P: Use of pedagogy and didactic approaches in textile work, 2 op**

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394507P Use of pedagogy and didactic approaches in textile work (OPEN UNI) 2.0 op

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

The future student is able to utilize the work, model samples, and visual and other forms of learning material in planning textile craft lessons and sequences of teaching in early childhood education and/or primary education.

**Learning activities and teaching methods:**

4 L, 20 O, 32 IS

**Recommended or required reading:**

Anttila, P. 1993. Käsityön ja muotoilun teoreettiset perusteet. WSOY. (soveltuvin osin)

Suojanen, U. 1993. Käsityökasvatuksen perusteet. WSOY. (soveltuvin osin)

Fischer, R. 1995. Teaching Children to Think. Basil Blackwell Ltd. Great Britain by T.J. Press, Padstow, Cornwall.

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

**Assessment methods and criteria:**

Participation in and completion of exercises, reporting on assignments and linking them with curricular planning in class and independently. A part of the literature study is completed in the form of written essays which are reviewed in seminar sessions. Set coursework is finalized during the course.

**Grading:**

0-5

**Person responsible:**

Lecturer Eeva-Maija Lappalainen

**394508P: Textile work and (multi)cultural contexts, 2 op**

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394508P Textile work and (multi)cultural contexts (OPEN UNI) 2.0 op

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**

3<sup>th</sup>-5<sup>th</sup> year

**Learning outcomes:**

The course consists of textile craft teaching experiences either in Finland or abroad.

**Contents:**

- self-directed familiarization with currently used forms of textile craft heritage and its learning in e.g. schools, schools, companies, workshops and various places of (multi-)cultural encounters. Students are required to contact that course coordinator before completing this course.

**Learning activities and teaching methods:**

2 L, 8 O, 44 IS

**Recommended or required reading:**

Lappalainen, E-M. 2001. Kankaankudonnan ja puikoilla neulonnan oppimisen ulottuvuuksia pohjoisamerikkalaisten kokemana Suomessa, s. 106-115. Teoksessa: Tehhään yhesä! Taide- ja taitokasvatuksen tulevaisuus L. Hyvönen & E. Lindfors (toim.) Oulun yliopiston kasvatustieteiden tiedekunnan selosteita ja katsauksia 1/2001.

Lappalainen, E-M. 2004. Käsikö käsittää kieltä ja kulttuuria maahanmuuttajien koulutuksessa? s. 156-162. Teoksessa: U. Aunola (toim.) Maahanmuuttajat ammattia oppimassa. Helsinki: OPH. Hakapaino Oy.

Lappalainen, E-M. 2006. Käsityöoppiminen tarjoaa vuorovaikutteisen oppimisympäristön kielen ja kulttuurin oppimiselle. <http://www.maahanmuuttajat.fi/images/lappalainen2.doc>

Lappalainen, E-M. 2006. Käsityöoppimisen uusi käyttö toimii vuorovaikutuksen välineenä maahanmuuttajien koulutuksessa. <http://www.maahanmuuttajat.fi/images/lappalainen3.doc>

Lappalainen, E-M. 2007. Käsityöoppiminen kielitaidon, osaamisen ja kulttuuritiedon edistäjäksi; Käsityöoppimisen syklit ja sensitiivinen kulttuuritietoisuus kielen oppimisen välineinä. Kaukametsä Kajaani & OPH. 5-41.

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

**Assessment methods and criteria:**

Report (according to instructions given by course coordinator).

**Grading:**

Pass/fail

**Person responsible:**

Lecturer Eeva-Maija Lappalainen

### 394509P: Study and company visits, 1 op

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**

ay394509P Study and company visits (OPEN UNI) 1.0 op

**ECTS Credits:**

1 credits

**Language of instruction:**

Finnish

**Timing:**3<sup>th</sup>-5<sup>th</sup> year**Learning outcomes:**

The course involves visits to either the Craft Museum of Finland or other museum, a small or mid-sized company and Internet use.

**Learning activities and teaching methods:**

4 L, 4 O, 19 IS

**Assessment methods and criteria:**

Students report on their work according to separate instructions.

**Grading:**

Pass/fail

**Person responsible:**

Lecturer Eeva-Maija Lappalainen

**394510P: Textiles around us: cloth animals and their garments, clothing and environment textiles in textile work, 2 op****Voimassaolo:** 01.08.2007 - 31.07.2013**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay394510P Textiles around us: cloth animals and their garments, clothing and environment textiles in textile work (OPEN UNI) 2.0 op

**ECTS Credits:**

2 credits

**Language of instruction:**

Finnish

**Timing:**3<sup>th</sup>-5<sup>th</sup> year**Learning outcomes:**

Future teachers learn skills in teaching sewing work at different grade-levels and in different learning environments, expanding their know-how in related planning, production, assessment and analytical processes.

**Learning activities and teaching methods:**

6 L, 24 O, 24 IS

**Recommended or required reading:**

Palomäki, E. & Viita M. 1999. Hyvä sauma. Tekstiilityön käsikirja. Opettajan aineisto perus- ja jatko-osa. Keuruu: Otava.

Uotila, M. 1995. Pukeutumisen kuva: Kuvia kulttuurin merkeistä. Helsinki: Yliopistopaino.

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

**Assessment methods and criteria:**

Participation in and completion of exercises, reporting on assignments and linking them with curricular planning in class and independently. A part of the literature study is completed in the form of written essays which are reviewed in seminar sessions. Set coursework is finalized during the course.

**Grading:**

0-5 (Assessment areas: planning, processing, finished product, written assignments. Final mark: finished works/artefacts 50%, essay 50% )

**Person responsible:**

Lecturer Eeva-Maija Lappalainen