Opasraportti

KOKY - Minor Subject Studies 2012-2013 (2012 - 2013)

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 -jakset

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
    Compulsory
    - LPE.P005-01-A: Theory, 1 op
    - LPE.P005-01-B: Human kinetics, 1 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

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**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:**
Language of instruction:
Finnish

Timing:
3rd-5th

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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
5 credits

Language of instruction:
Finnish

Timing:
3rd-5th

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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
6 credits
Language of instruction:
Finnish

Timing:
3 rd-5 th

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 & Fleming. Maailman taiteen historia. (osittain)
Levanto, M (1987) Ateneum opas. Helsinki: Otava,
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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish
ECTS Credits: 3 credits
Language of instruction: Finnish
Timing: 3rd-5th
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:
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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits: 3 credits
Language of instruction: Finnish
Timing: 3rd, 5th
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:

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 th-5 th 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:
3rd-5th

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

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394138P: Environmental aesthetics, 2 op

Voimassaolo: 01.08.2007 - 31.07.2013
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
2 credits

Language of instruction:
Finnish

Timing:
3rd-5th

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:**

**Assessment methods and criteria:**
Participation in lectures and exercises, completion of practical assignments.

**Grading:**
Pass/fail

**Person responsible:**
Visual arts teacher

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

**Voimassaolo:** 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Study module

**Vastuuysikkö:** 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:**
3-5th 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

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

**Voimassaolo:** 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuysikkö:** Kajaani Department of Teacher Education

**Arvostelu:** 1 - 5, pass, fail
Opintokohde: 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 analyze 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
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  
**Vastuuysikkö:** Kajaani Department of Teacher Education  
**Arvostelu:** 1 - 5, pass, fail  
**Opintokohteen kielet:** Finnish

**ECTS Credits:**
3 credits

**Language of instruction:**
Finnish

**Timing:**
3 th.-5 th. 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:**
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  
**Vastuuysikkö:** Kajaani Department of Teacher Education  
**Arvostelu:** 1 - 5, pass, fail  
**Opintokohteen kielet:** Finnish

**ECTS Credits:**
2 credits
Language of instruction:
Finnish

Timing:
3rd-5th 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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
3 credits

Language of instruction:
Finnish

Timing:
3rd-5th 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:
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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
2 credits

Language of instruction:
Finnish

Timing:
3 th-5 th 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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
1 credits
Language of instruction:
Finnish

Timing:
3rd-5th 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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
2 credits

Language of instruction:
Finnish

Timing:
3rd-5th 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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
1 credits
Timing:
3\textsuperscript{th}-5\textsuperscript{th} 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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
1 credits
Language of instruction:
Finnish
Timing:
3\textsuperscript{th}-5\textsuperscript{th} 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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
2 credits

Language of instruction:
Finnish

Timing:
3 th-5 th 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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
3 credits

Language of instruction:
Finnish

Timing:
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:

Recommended or required reading:
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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
1 credits

Language of instruction:
Finnish

Timing:
3 th-5 th 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:

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
Vastuuysikkö: 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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
3 credits

Language of instruction:
Finnish

Timing:
3 th-5 th 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
Opiskeluvalmius: Basic Studies
Laji: Partial credit
Vastuuysikko: 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
Opiskeluvalmius: Basic Studies
Laji: Partial credit
Vastuuysikko: 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  
Vastuuysikkö: Kajaani Department of Teacher Education  
Arvostelu: 1 - 5, pass, fail  
Opintokohteen kielet: Finnish  

ECTS Credits: 3 credits  
Language of instruction: Finnish  
Timing: 3rd-4th 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  
Vastuuysikkö: 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
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:
3th-4th 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

Compulsory

LPE.P005-01-A: Theory, 1 op
Voimassaolo: 01.08.2005 - 31.07.2013
Opiskelumuoto: Basic Studies
Laji: Partial credit
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opettajat: Uolevi Mustikkamaa
Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

LPE.P005-01-B: Human kinetics, 1 op

Voimassaolo: 01.08.2005 - 31.07.2013
Opiskelumuoto: Basic Studies
Laji: Partial credit
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opettajat: Pönkkö, Anneli Aira Marjatta
Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

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

Voimassaolo: 01.08.2005 - 31.07.2013
Opiskelumuoto: Basic Studies
Laji: Partial credit
Vastuuysikkö: 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
Vastuuysikkö: 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
Vastuuysikkö: 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
Vastuuysikkö: 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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

LPE.P005-07: Nature sports, 1 op

Voimassaolo: 01.08.2005 - 31.07.2013
Opiskelumuoto: Basic Studies
Laji: Partial credit
Vastuuysikkö: 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
Vastuuysikkö: 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
Vastuuysikkö: 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
Vastuuysikkö: 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
Vastuuysikkö: 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
Vastuuysikkö: Kajaani 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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
3 credits

Language of instruction:
Finnish

Timing:
3 th-4 th 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:
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
Vastuuysikkö: 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 rd-5 th

Learning outcomes:
The studies consist of two course sections.
- general pedagogical studies
• subject didactics studies (3rd and 4th 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 2 ECT
• 394014P Religion/philosophies of life 2 ECT
• 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
Vastuuysikkö: 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:
3rd-5th/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:
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
Vastuuysikkö: 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-5th/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 analyze 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. & Merry, R. 1997. Teaching in the primary school: a learning relationship. (Saatavissa myös elektronisena.) tai

Assessment methods and criteria:
Exercises and exam.

**Grading:**
Exam 0-5; exercises pass/fail

**Person responsible:**
Aulikki Keskitalo

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394003P: Practice in pre-school/initial education, 3 op

**Voimassaolo:** - 31.07.2013  
**Opiskelumuoto:** Basic Studies  
**Laji:** Course  
**Vastuuysikkö:** 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

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394011P: Environmental and nature studies, 3 op

**Voimassaolo:** - 31.07.2013
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: 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:
3rd-5th 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:
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
Vastuuysikkö: Kajaani 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:
3rd-5th 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:
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
Vastuuysikkö: 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:
3rd-5th/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
Vastuuysikkö: 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 rd-4 th

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:

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
Vastuuysikkö: 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 rd-4 th 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
Vastuuysikkö: 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:
3rd-4th 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
Vastuuysikkö: 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:
3rd-5th/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)

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:
3rd-5th/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:

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
Vastuuysikkö: 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:
3rd-5th/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

A255101: Special education (Kajaani), 25 op

Voimassaolo: - 31.07.2013
Opiskelumuoto: Basic Studies
Laji: Study module
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
25 credits

Language of instruction:
Finnish

Timing:
3rd-5th 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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
5 credits

Language of instruction:
Finnish

Timing:
3-5th 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:
Ylen avoin. Yhteiset lapsemme ohjelmasarja,( www.yle.fi/opinportti/ylenavoin/ ohjelmasarjaselosteet
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

**Vastuuysikkö:** Kajaani Department of Teacher Education

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

**Opintokohteen kielet:** Finnish

**ECTS Credits:**
5 credits

**Language of instruction:**
Finnish

**Timing:**
3rd-5th 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:**


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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
5 credits

Language of instruction:
Finnish

Timing:
3-5 th 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:
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
394904P: Challenges of learning, 5 op

Voimassaolo: 01.08.2008 - 31.07.2013
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
5 credits

Language of instruction:
Finnish

Timing:
3-5th 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:
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
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:
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
Vastuuysikkö: 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 th-5 th year
Learning outcomes:
Students develop their abilities to teach 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:
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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
6 credits

Language of instruction:
Finnish

Timing:
3 th-5 th 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:

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
**Vastuuysikkö:** Kajaani Department of Teacher Education
**Arvostelu:** 1 - 5, pass, fail
**Opintokohteen kielet:** Finnish

**ECTS Credits:**
6,5 credits

**Language of instruction:**
Finnish

**Timing:**
3 th-5 th 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:**
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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
5 credits
Language of instruction:
Finnish
Timing:
3 th-5 th 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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
7.5 credits

**Language of instruction:**
Finnish

**Timing:**
3-5\textsuperscript{th} 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:**

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

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**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:**
3-5\textsuperscript{th} 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
Vastuuysikkö: 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 th-5 th year

Learning activities and teaching methods:
4 L, 42 O, 62 IS

Recommended or required reading:
Lappalainen, E-M. 2002. Kasvivärjäyksestä sen käytöstä ja mahdollisuksista 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
Vastuuysikkö: 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 th-5 th year
Learning outcomes:
-
Learning activities and teaching methods:
4 L 4 O, 19 IS
Recommended or required reading:
Kuluttajakasvatukseella kestävään kehitykseen. 1991. P-L. Kuhmonen & E. Syrjäläinen (toim.) Helsinki: VPK.
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
Vastuuysikkö: 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:
**Timing:**
3 th-5 th year

**Learning activities and teaching methods:**
4 L, 24 O, 53 IS

**Recommended or required reading:**
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
**Vastuuysikkö:** 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 th-5 th year

**Learning activities and teaching methods:**
4 L, 24 O, 107 IS

**Recommended or required reading:**
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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kieleet: Finnish
Leikkaavuudet:

ECTS Credits:
3 credits

Language of instruction:
Finnish

Timing:
3 th-5 th 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:
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
Vastuuysikkö: Kajaani Department of Teacher Education
Arvostelu: 1 - 5, pass, fail
Opintokohteen kieleet: Finnish
Leikkaavuudet:

ECTS Credits:
2 credits

Language of instruction:
Finnish

Timing:

Learning outcomes:

Learning activities and teaching methods:

Recommended or required reading:

Assessment methods and criteria:

Grading:

Person responsible:
Lecturer Eeva-Maija Lappalainen
ECTS Credits:
2 credits

Language of instruction:
Finnish

Timing:
3 th-5 th 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)
yliopisto.
Fischer, R. 1995. Teaching Children to Think. Basil Blacwell 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
Vastuuysikkö: 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 th-5 th 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)

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

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

**Voimassaolo:** 01.08.2007 - 31.07.2013

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuysikkö:** 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 th-5 th 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. 2006. Käsityöoppiminen tarjoaa vuorovaikutteisen oppimisympäristön kielen ja kulttuurin
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
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: 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 th-5 th 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
Vastuuysikkö: 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 th-5 th 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:
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