

Opasraportti

KOKY - Minor Subject Studies 2008-2011 (2008 - 2011)

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
 A255203 Preschool and Primary Education, intermediate studies 35 ECT
 A255401 Art 25 ECT
 A200013 Entrepreneurial and project pedagogy 25 ECT
 A256201 Physical Education 25 ECT
 A256201 Physical Education 60 ECT
 A255701 Music 25 ECT
 A255901 Technical work 25 ECT
 A256001 Textile work 25 ECT
 A200009 Basics of educational administration and management 25 ECT
 A250601 Psychology 25 ECT
 A200015 Managing and knowledge management 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

A200009: Basics of educational administration and management, 25 op

A110101: English Philology, Basic Studies, 25 op

682274P: English Phonetics 1, 2 op

A200013: Entrepreneurial and project pedagogy, 25 op

Compulsory

394701P: Introduction to entrepreneurial and project pedagogy, 5 op
 394702P: Project management, 5 op
 394703P: Leadership, 5 op
 394704P: Business skills, 5 op
 394705P: Practical project work, 5 op

682275P: Introduction to English Linguistics, 3 op

682276P: Introduction to Literature in English, 5 op

A200015: Managing and knowledge management, 25 op

Compulsory

394951P: Management of self, 3 op
 394952P: From pedagogical leadership to deep leadership, 4 op
 394953P: Knowledge management on the operative level, 5 op
 394954P: Management, leadership, promotional and agent activities, 5 op
 394955P: Sponsoring and marketing, 3 op
 394956P: Project work, 5 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
 LPE.P002: Pedagogy and didactics of physical education I, 3 op
 LPE.P005: Basic course in sport didactics, 14 op
 LPE.A003: Advanced course in sport didactics, 2 op

LPE.A008: Applied physical education, 3 op
 LPE.A001: Pedagogy and didactics of physical education II, 4 op
 LPE.A002: Pedagogy and didactics of physical education III, 4 op
 LPEA018: Advanced course in sport didactics, 12 op

Compulsory

LPEA018-01: Advanced course in sport didactics, 1,5 op
 LPS.Y001: Basics of sport psychology, 2 op
 LYT.P002: Sport in society, 3 op
 LFY.Y001: Basics of sport biology of physical activity, 6 op
 LPE.P004: Course in the observation of movement, 6 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

A255203: Preschool and Primary Education, intermediate studies (Kajaani), 35 op

Compulsory

394051A: Development and preschool education, 4 op
 394052A: School and learning difficulties, 4 op
 394053A: Play, learning and development, 5 op
 394054A: Learning as an activity, 4 op
 394055A: Didactics of developmental preschool education, 5 op
 394056A: Assessment and documentation in preschool education, 4 op
 394057A: Narrative learning and problem solving in preschool education, 5 op
 394058A: Introduction to experiments in developmental preschool education, 4 op

682270P: Pronunciation 1, 2 op

A250601: Psychology, (Kajaani), 25 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

682271P: Structures of English, 3 op

682508P: Survey of North America, 3 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

682273P: Translation F/E 1, 3 op

682272P: Writing Skills, 4 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

Opintokohteen kielet: Finnish

ECTS Credits:

25 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

Vastuuyksikkö: 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

Vastuuyksikkö: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

6 credits

Language of instruction:

Finnish

Timing:

3rd-5th

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)

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

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

Valkonen, M & 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:

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:

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:

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:

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:

3th-5th 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: Jyväskylä 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

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: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:

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

A200009: Basics of educational administration and management, 25 op**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:3th-5th year**Learning outcomes:**

The Summer University of Kainuu and the University of Oulu's Kajaani Department for Teacher Education organize the provision of this minor subject jointly. The studies are divided into two sections, 01) Educational administration and 02) Management, both of which are integral parts of the overarching theme. The studies include a National Board of Education headmaster's qualification (14 ECT).

These studies are meant for headmasters/principals in different educational institutions and for management and administrative positions, e.g. deputy headmasters/vice-principals, managers in the education sector and senior teachers as well as those who are aiming to fill such positions.

The studies can be added to an M(Ed) degree in educational sciences/teacher education as a minor subject. In this case, the degree also qualifies the student for a position as a headmaster/principal. In addition, students who have completed their minor studies can continue their studies at the intermediate level (35 ECT) in the Management and Leadership skills minor.

- 01) Educational administration 14 ECT
- Basics of public law and general administration
- Personnel management, financial management and educational administration
- 02) Leadership 11 ECT
- Basics in leadership 3 ECT
- Communication and leadership 3 ECT
- Leadership and emotional intelligence in the workplace 2 ECT
- Change and development - challenges in leadership 3 ECT

Contents:

01) This section includes a voluntary orientation period in which students familiarize themselves with the topic with the help of a tutor and receive assistance in their preparation for the upcoming examination. The orientation period is organized at the beginning of the studies.(8h)

Basics of public law and general administration

Objectives: Students are familiar with the structures, concepts, principles, the procedures for seeking change, and the monitoring systems in educational administration. In addition, students are proficient in decision-making policy and understand how these decisions affect individuals, institutions and society in general.

Content:

- Public law and private law;
- social norms;
- basics of European law;
- legal resources;
- structures, concepts and principles of administration;
- procedures in seeking change and monitoring systems;
- administrative procedures and decision-making

Implementation: see separate appendix

Coursework: meeting qualification criteria

Assessment: pass/fail

Personnel management, financial management and educational administration

Objectives: Students are aware of the concepts and laws concerning labour and civil service, the main aspects of municipal economy and business, the decision-making process in educational administration, the structure of school legislation and the main features legislation concerning different forms of education. Students become sufficiently knowledgeable in labour and civil service legislation, how they are applied and their effects on personnel management. Students familiarize themselves with the systems steering educational administration, the structure of school legislation and other legal frameworks concerning different forms of schooling through case-studies. After completion, students are able to understand how education funding works, and its relationship with the economy at the municipal and state levels.

Content:

- labour and civil service laws - basic concepts
- forms of service and respective laws
- labour and employment agreements
- state economy, municipal economy, and business
- economic management
- funding education
- steering systems in educational administration
- school legislation and legal frameworks concerning different forms of schooling.

Implementation: see separate appendix

Coursework: meeting qualification criteria

Assessment: pass/fail

02)Basics in leadership

Objectives: Students are familiar with principle styles of leadership and are able to use them in managing educational institutions. Students are able to utilize their project management skills and their ability to develop strategic policies at the work place.

Upon completion, students gain an understanding of what it is to manage an educational institution. Students familiarize themselves with strategic, networking, teamwork and project management as well as their everyday applications. The course sheds light on the roles and duties of a pedagogical leader.

Content:

- strategic management
- teamwork, policy, and project leadership
- web-based leading
- task leader, staff leader, pedagogical leader

Course material: [list]

Coursework: participation in teaching, completion of set assignments and an article.

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Communication and leadership 3 ECT

Objectives: Students familiarize themselves with the laws and principles of communication at the individual and group communication levels, recognize the role of communication in their working communities, and become able to design and manage communication at an educational institution. Students acquire basic knowledge on the theoretical and scientific aspects of communication. At the same time, students gain the capacity to understand communication from the standpoint of the working community and other interest groups. In addition, the course provides tools which further the student's own communication know-how. Students obtain the capacity to design, manage and realize leader communication.

Content:

- communication: background and principles
- communication skills and their development
- communication in working communities
- leader communication
- internal and external communication

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Coursework: participation in teaching, independent assignments, exam/essay.

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Leadership and emotional intelligence in the workplace 2 ECT

Objectives: The leader is able to communicate more effectively and benefit from the power of emotions and emotive know-how in the workplace. The course looks at how organisational performance and outcomes can be improved with the help of emotional intelligence. In addition, the course looks at how the personal characteristics and talents of individual leader can work cohesively.

Students are familiar with the theoretical and scientific foundation of emotional intelligence. At the same time, students realize the potential of emotional intelligence as a resource. Students obtain the capacity to use emotional intelligence in order to boost not only their own performance and productivity levels but also those of the staff and the organisation as a whole. Students complete an exercise in which they analyse the role of emotional intelligence in different leading situations (includes case-study examples).

Content:

- emotive skills
- emotional well-being
- emotional depth
- emotional alchemy
- emotions, success, and efficient leadership skills

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Coursework: Participation in teaching and exam/essay/assignment

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Change and development - challenges in leadership 3 ECT

Objectives: students perceive the changes that occur in their working environments and are able to manage them and understand them as development opportunities. After completion, students have acquired tools for managing change. In addition, the course helps students visualize the relationships between the management of know-how and skills as well as carrying out change and implementing innovations. In addition, students learn the tools needed in developing organisational competitiveness.

Content:

- organisational changes and management
- self-development and staff development

- internationalisation and educational institutions
- technical changes within the organisation
- resistance to change and how to conquer it

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Coursework: participation in teaching and exam/essay/assignment

A110101: English Philology, Basic Studies, 25 op

Opiskelumuoto: Basic Studies

Laji: Study module

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ayA110101 English, Basic Studies (OPEN UNI) 25.0 op

Ei opintojaksokuvauksia.

682274P: English Phonetics 1, 2 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

Leikkaavuudet:

ay682274P English Phonetics 1 (OPEN UNI) 2.0 op

Ei opintojaksokuvauksia.

A200013: Entrepreneurial and project pedagogy, 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

Language of instruction:

Finnish

Contents:

394701P Introduction to entrepreneurial and project pedagogy

394702P Project management

394703P Leadership

394704P Business skills

394705P Practical project work

Person responsible:

Juha-Matti Turpeinen

Compulsory

394701P: Introduction to entrepreneurial and project pedagogy, 5 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:**

5 credits

Language of instruction:

Finnish

Learning outcomes:

The course supports the learning and understanding of entrepreneurial and project pedagogy as well as supporting the individual student's abilities and areas of strength within the field. The course looks at the Intotalo model, a model geared towards precipitating entrepreneurship. The main goal of the course is to understand entrepreneurship as a frame of mind, a personal characteristic, and as a skill. The course provides students with the capacity to teach entrepreneurship and develop a learner's entrepreneurial characteristics. The course also looks at team-learning and teamwork.

Upon completion, students will be able to define the scientific theories behind entrepreneurship and project pedagogy. In addition, students understand the role of innovative learning environments in learning in general. Students are able to use tools that support learning, e.g. apprenticeships, learning diaries and project reports, in practice. Students should understand teamwork as a significant part of project pedagogy.

Contents:

- basics of entrepreneurship and project pedagogy
- entrepreneurial characteristics
- internal entrepreneurship
- the teacher's role in entrepreneurship education
- teamwork

Learning activities and teaching methods:

35 L, 45 O, 55 IS

Recommended or required reading:

Leinonen, Partanen & Palviainen. Tiimiakatemia.

Isaacs. Dialogi ja yhdessä menestymisen taito.

Prashnig. Eläköön erilaisuus.

Pirnes, U. Kehittyvät tiimit: organisaatioiden rakennemuutokseen liittyvä tiimien ja tiimien johtamisen kehitysprosessi.

Lehtonen, Pekka. Strateginen yrittäjyys.

Yrittäjäkasvatusmateriaali (<http://www.yrittajat.fi/>)**Assessment methods and criteria:**

Team sessions, literature, practical project. Presentation of a study journal and a project report and a reflective essay on read literature.

Grading:

Pass/fail

Person responsible:

Teacher

394702P: Project management, 5 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:

5 credits

Language of instruction:

Finnish

Learning outcomes:

The main objective is for the student to be able to direct learning processes in various practical school projects. Students learn about structuring a project as whole and familiarize themselves with project design. In addition, students learn about the financial and budgeting aspects of project work. After completion, students are able to design and manage projects and can formulate their areas of skill into business ideas. In team sessions, we familiarize ourselves with leadership, budgeting and risk management in project work. Students are given the task of designing and realizing a project in practice. In addition, students enhance their skills by preparing a reflective essay on the topic, based on the relevant literature.

Contents:

- project management
- project design
- communication
- risk management
- evaluation

Learning activities and teaching methods:

35 L, 45 O, 55 IS

Recommended or required reading:

Pelin. Projektin suunnittelu ja ohjaus.

Pelin. Projektihallinnan käsikirja.

Katzenbach & Smith. Tiimit ja tuloksekas yritys.

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

Assessment methods and criteria:

Team sessions, literature, practical project. Presentation of a study journal and a project report and a reflective essay on read literature.

Grading:

Pass/fail

Person responsible:

Teacher

394703P: Leadership, 5 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:

5 credits

Language of instruction:

Finnish

Timing:

3th-5th year

Learning outcomes:

The course focuses on the basic concepts of modern management and the various different styles of management. Special attention is paid to the coaching approach to leadership and project management. The main objective of the course is to illustrate the teacher's role in different positions of management and leadership.

Contents:

- managing people
- emotional intelligence
- coaching - project didactics
- team-leading

Learning activities and teaching methods:

35 L, 45 O, 55 IS

Recommended or required reading:

Nair. Johtamisen suuri haaste
 Goleman. Tunneäly
 Sydänmaanlakka. Älykäs itsensä johtajuus
 Åhman. Oman mielen johtaminen (väitöskirja)

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

Assessment methods and criteria:

Team sessions, literature, practical project. Presentation of a study journal and a project report and a reflective essay on read literature.

Grading:

Pass/fail

Person responsible:

Teacher

394704P: Business skills, 5 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:

5 credits

Language of instruction:

Finnish

Timing:

3th-5th year

Learning outcomes:

- a) educational sciences students

Understanding legal areas in business. The aim is to provide students with the capacity to promote creativity in primary level learners. The course looks at the instruments that can be used in fostering creativity and in the production of creative ideas. Students are able to direct the marketing and sales of different products in the classroom

- b) Computer sciences students

Learning how to develop a business plan and understanding strategic planning. Learning how to effectively use brainstorming as a basis and tool in planning. In addition, students familiarize themselves with the fundamentals of marketing and accountancy.

Intended learning outcomes/skills:

- Basics of strategic planning, marketing and accountancy
- Networking management
- Commodification of own skills and innovations into business ideas.

Contents:

- a)
- Creativity 101
 - Learning tools in learning instruction
 - Guiding learners in marketing and selling their own products
- b)
- Strategic planning, business plans
 - Creativity
 - basics in marketing and accountancy
 - Networking

Learning activities and teaching methods:

35 L, 45 O, 55 IS

Recommended or required reading:

- a)
- Koski. Kuinka Ideat syntyvät.
 - Koski. Luova hierre.
- b)
- Collins. Hyvästä paras.
 - Gad. 4D -brandimalli.
 - Vanhala, Laukkanen & Koskinen. Liiketoiminta ja johtaminen.
 - <http://db.edu.fi/liiketoimintasuunnitelma/index.html>)

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

Assessment methods and criteria:

Team sessions, literature, practical project. Presentation of a study journal and a project report and a reflective essay on read literature.

Grading:

Pass/fail

Person responsible:

Teacher

394705P: Practical project work, 5 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:

5 credits

Language of instruction:

Finnish

Timing:

3th-5th year

Learning outcomes:

Applying new knowledge and information into practice. Teamwork, project work and the development of interaction skills. Also, learning how to use different project management tools and instruments.

- a) EduSci students carry out the project according to terms set out by the students and the faculty.

Intended learning outcomes:

Students are able to apply the information and knowledge they receive/acquire into practice. In addition, students are able to apply project pedagogy and emotive skills in project leadership. Students become

proficient in using the instruments in the Dependency-chart. Students are to prepare a project report and an outcome evaluation, which will be covered during the team sessions.

Contents:

- Dependency-chart project management instrument
- Interaction skills
- Project design, implementation and evaluation
- Project coaching

Learning activities and teaching methods:

15 L, 80 O, 40 IS

Recommended or required reading:

Kyle. Making it happen.
Suominen. Riskienhallinta.

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

Assessment methods and criteria:

Team sessions, literature, project work (plan, implementation, final report). Presentation of a study journal and a project report, and a reflective essay on read literature.

Grading:

Pass/fail

Person responsible:

Teacher

682275P: Introduction to English Linguistics, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

Leikkaavuudet:

ay682275P Introduction to English Linguistics (OPEN UNI) 3.0 op

Ei opintojaksokuvauksia.

682276P: Introduction to Literature in English, 5 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

Leikkaavuudet:

ay682276P Introduction to Literature in English (OPEN UNI) 5.0 op

Ei opintojaksokuvauksia.

A200015: Managing and knowledge management, 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:

3th-5th year

Contents:

394951P (3 cr)

394952P (4 cr)

394953P (5 cr)

394954P (5 cr)

394955P (3 cr)

394956P (5 cr)

Person responsible:

Jouko Käsmä

Compulsory

394951P: Management of self, 3 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:

3 credits

Language of instruction:

Finnish

Timing:

3th-5th year

Learning outcomes:

Students are given the opportunity to utilize their own talent, skills and potential. We carry out an intensive development process in self-management. The training program develops students' attitudes and interaction and leadership skills, further developing their capacity to manage successes in their delegated areas. The goal is to foster the student's positive and balanced perceptions of people, providing them with ability to examine themselves and others as functional members of a working community.

Students:

- understand the formation of personality and the theoretical principles of its development
- are aware of the significance of self-wholeness and their conceptualisation of people in managing themselves and others
- obtain the capacity to manage the energy and performance capacity of their own mindsets and the working community
- develop their attitudes and their interaction and managements skills

Contents:

- self-image and positive thinking
- structural elements of self-image and identity

- ability to work under pressure, self-esteem
- the significance of the ego-state in social and interactive situations
- balancing work and personal life: significance in management

Learning activities and teaching methods:

16 L, 16 O, 44 IS

Recommended or required reading:

Åhman. 2004. Oman mielen johtaminen - näkemyksiä ja kokemuksia yksilön menestymisestä postmodernissa organisaatiossa. Helsinki.

Artikkelikooste.

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

Assessment methods and criteria:

The program consists of individual and group training. Students prepare a development account on self-management.

Grading:

Pass/fail

Person responsible:

Teacher

394952P: From pedagogical leadership to deep leadership, 4 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:

4 credits

Language of instruction:

Finnish

Timing:

3th-5th year

Learning outcomes:

Students familiarize themselves with the problematics and types of management situations in managing people of different ages. In addition, students look at pedagogical leadership from the perspective of deep leadership. Students create their own space of leadership and define managerial challenges, for example, in an educational organisation, a sports club, a cultural organisation or project. Students develop a personal understanding of knowledge and skills and how to lead them in relation to youth and society.

Contents:

- behavioural and skills profiles of children and youth in leadership situations
- adult - child - parent states of pressure
- implementing collective objectives and strategy choice in an organisation, team of project
- leadership situations - exercises in deep leadership
- managing practical development projects
- models and practices in managing youth

Learning activities and teaching methods:

16 L, 14 O, 78 IS

Recommended or required reading:

Lönnqvist, Jouko. 2002. Johtajan ja johtamisen psykologiasta.

Nissinen, Vesa. 2004. Syväjohtaminen.

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

Assessment methods and criteria:

Practical project management in Innotalo or the computer sciences project laboratory.

Grading:

0-5

Person responsible:

Teacher

394953P: Knowledge management on the operative level, 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:

3th-5th year

Learning outcomes:

Students develop their capacities in assessing and developing their own skills and the skills of others in the daily work of the working community. They obtain skills in functioning in multicultural working communities and familiarize themselves with the practices of development projects and understand the significance of knowledge and skills management in project work.

Students are given a the basic theoretical and practical knowledge foundation in the management of skills in project and team work. In addition, they are able to evaluate and develop the skills of themselves and of others in daily working life. In addition, students obtain basic skills in leading multicultural and learning organisations.

Contents:

- measuring, utilizing, mapping, profiling, and developing existing skills, tacit knowledge etc.
- identification and elimination of obstacles in innovation and creativity
- management and communication in multicultural working communities
- skills management and risk management in projects
- building skills management models
- performance management

Learning activities and teaching methods:

16 L, 14 O, 105 IS

Recommended or required reading:

Hellbom, Kaj, Mauro, Seija & Salo, Matti. 2006. Johtamisen Nyt - Tietoinen läsnäolo johtajuuden kivijalkana. Edita Publishing Oy.

Tiedon, osaamisen ja suorituksen johtaminen. Helsinki 2000.

Hulkkonen, Vesa. 2004. Johtoryhmästä lisäarvoa organisaatiolle.

Kehitä osaamista. Hyödynnä kokemusta. 2004. (toim.) Lankinen, Miettinen ja Sipola. Viitala, Riitta. 2005.

Johda osaamista. Osaamisen johtaminen teoriasta käytäntöön.

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

Assessment methods and criteria:

Skills management in a demanding development project in the Computer Sciences Project Lab.

Grading:

Pass/fail

Person responsible:

Teacher

394954P: Management, leadership, promotional and agent activities, 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:3th-5th year**Learning outcomes:**

Students learn and develop their skills in:

- basic capacities in managing persons, business, and organisations in the areas of promotion and agency.
- Basic knowledge and applications
- Principles and practical aspects of contract law and diplomacy: problems and conflict situations
- Identification of customer needs and trends in event marketing
- Service chains and partnerships

Contents:

- expert, development and HR tasks
- diplomacy and contract law
- practical tools in promotion and agency
- national and international working environments

Learning activities and teaching methods:

16 L, 14 O, 105 IS

Recommended or required reading:

Alaja, E. 2000. Arpeliä? Urheilumarkkinoinnin käsikirja.

Gummesson, Evert. 2004. Suhdemarkkinointi 4P:stä 30R:ään.

Kohtaamisia kasvokkain. Tapahtumamarkkinoinnin voima. 2003. (toim.) Muhonen, Riikka Mari ja Heikkinen, Laura.

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

Development task: preparation and presentation.

Grading:

0-5

Person responsible:

Teacher

394955P: Sponsoring and marketing, 3 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:

3 credits

Language of instruction:

Finnish

Timing:

3th-5th year

Learning outcomes:

Students familiarize themselves with sponsorship as a central means of communication in sports and events marketing. The issue is examined from standpoint of both the sponsored party and the company. In addition, sponsorship and marketing are viewed from the perspective of management as well as those of schools and children and sciences and the arts.

Intended learning outcomes:

- productising and marketing one's own expertise
- planning and organizing marketing and sponsorship for sports and events
- understanding the role of innovation in marketing and sponsorship
- using case-studies within the field

Contents:

- sponsorship in management and marketing communication
- sponsoring science and the arts
- impact and speed
- partnership
- ensuring success
- sponsoring content production
- corporate citizenship in sponsorship
- schools and children in sponsorship

Learning activities and teaching methods:

20L, 16 O, 45 IS

Recommended or required reading:

Lipponen, K. 1999. Sponsoroinnin kontrapunkti. Mainostajien liitto. Helsinki.

Laakso, Hannu. 2004. Brändit kilpailuetuna.

Kuluttajaviraston aineisto: www.kuluttajavirasto.fi

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

Assessment methods and criteria:

Students plan and partially implement a sponsorship project.

Grading:

Pass/fail

Person responsible:

Teacher

394956P: Project work, 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:3th-5th year**Learning outcomes:**

Students generate a place of management, a challenge and a situation which they carry out in practice. Similar to action research, students implement, evaluate and report on the managing situation at hand. Students learn to manage a planned and implemented case-example.

Contents:

Similar to action research, students implement, evaluate and report on the managing situation at hand. The practical can take place in either a real job of a simulated exercise in Intotalo or the CompSci Project Lab.

Learning activities and teaching methods:

20 O, 115 IS

Recommended or required reading:

Eskola, Jari, Heikkinen, Hannu, L,T & Rovio, Esa. 2005. Toiminnasta tietoon. Kansanvalitusseuran julkaisuja.

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

Grading:

Pass/fail

Person responsible:

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:3-5th 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***394201P: Theory of music, 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:3-5th 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:** Jyväskylä Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

2 credits

Language of instruction:

Finnish

Timing:

3th-5th 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:

3th-5th 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:3th-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**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

3 credits

Language of instruction:

Finnish

Timing:3th-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:

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: Jyväskylä Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 credits

Language of instruction:

Finnish

Timing:

3th-5th 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:3th-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**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

2 credits

Language of instruction:

Finnish

Timing:3th-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

Vastuuyksikkö: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

1 credits

Timing:

3th-5th 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:3th-5th 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:3th-5th 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:

3th-5th 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:

3th-5th 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:

3th-5th 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:

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Assessment methods and criteria:

Active participation in lectures, completion of assignments, exam.

Grading:

0-5

Person responsible:

Anneli Pönkkö

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:

3th-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

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

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

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

Voimassaolo: 01.08.2005 - 31.07.2013

Opiskelumuoto: Intermediate 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

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: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 credits

Language of instruction:

Finnish

Timing:

3th-4th 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

LPE.A001: Pedagogy and didactics of physical education II, 4 op

Voimassaolo: 01.08.2005 - 31.07.2013

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

4 credits

Language of instruction:

Finnish

Timing:

According to personal study plan.

Learning outcomes:

Students learn to critically and reflectively examine their own functioning and interaction in a teaching-learning situation. Students analyse, study and develop their teaching.

Contents:

- explorative teacherhood
- the teaching-learning situation: research and theory
- the evaluation of teaching-learning situations: systematic and non-systematic observation, self and peer-evaluation
- assignments in the school environment

Learning activities and teaching methods:

L/O

Assessment methods and criteria:

Week being responsible for PE teaching in a school/class, assignments in school, active participation.

Grading:

Pass/fail

Person responsible:

Anneli Pönkkö

LPE.A002: Pedagogy and didactics of physical education III, 4 op

Voimassaolo: 01.08.2005 - 31.07.2013

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

4 credits

Language of instruction:

Finnish

Timing:

According to personal study plan

Learning outcomes:

Developing one's teacherhood, familiarization with planning teaching and evaluation.

Contents:

- Value basis of PE teaching, education, and schooling and the development plans, laws and regulations, and curricular principles that steer them.
- Prevention of discrimination and increasing participation
- Study support systems
- PE curriculum, year plans, course plans, and personal teaching plans for different age levels
- Evaluating schooling and learners and self-evaluation
- Practicing curriculum planning and assessment

Learning activities and teaching methods:

38 L/O

Recommended or required reading:

Mosston, M. & Ashworth, S. Teaching physical education.

Numminen, P. 2005. Avaa ovi lapsen maailmaan. Kysellään, ihmetellään ja liikutaan yhdessä.

Perusopetuksen opetussuunnitelman perusteet. 2004.

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

Assessment methods and criteria:

Active participation in lectures and lessons, seminar assignment.

Grading:

0-5

Person responsible:

Anneli Pönkkö

LPEA018: Advanced course in sport didactics, 12 op

Voimassaolo: 01.08.2008 - 31.07.2013

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

12 credits

Timing:

3th-5th year

Learning outcomes:

Students familiarize themselves with the basics in organizing educational club activities. They understand and apply the principles of physical education didactics in different learning environments and can use varied teaching methods.

Contents:

Building a motivating and efficient learning environment

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

Compulsory

LPEA018-01: Advanced course in sport didactics, 1,5 op

Voimassaolo: 01.08.2008 - 31.07.2013

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Jyväskylä Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

2 credits

Language of instruction:

Finnish

Timing:

3th-5th year

Learning outcomes:

Students familiarize themselves with the basics in organizing educational club activities. They understand and apply the principles of physical education didactics in different learning environments and can use varied teaching methods.

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

LPS.Y001: Basics of sport psychology, 2 op

Voimassaolo: 01.08.2005 - 31.07.2013

Opiskelumuoto: Intermediate 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:

According to personal study plan

Learning outcomes:

Drawing from the sport psychology perspective, the course provides students with the basic knowledge concerning the requirements, limitations and opportunities of physical activity during the human life-cycle, and the significance of physical activity in terms of mental well-being. The course describes psychological methods which promote good performance that can be used in teaching and coaching.

Contents:

- sport psychology as a science
- individual and community perspectives in sport and exercise: motivation issues, competition, group phenomenon, teaching mental skills, mental well-being

Learning activities and teaching methods:

24 L, 30 IS

Assessment methods and criteria:

Lectures and related assignments.

Grading:

0-5

Person responsible:

Anneli Pönkkö

LYT.P002: Sport in society, 3 op

Voimassaolo: 01.08.2005 - 31.07.2013

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 credits

Learning outcomes:

The course aims to familiarize students with the phenomenon of sport and exercise in society and introduce students to the central concepts in the field. The course covers public and third sector organisation and management of sports as well as regional differentiation in sports culture. The course also looks at theories on society, management and design.

Contents:

- sports and exercise as a societal phenomenon
- basic concepts
- focal point: sport and exercise tendencies among different age groups
- issues relating to socialisation
- sport and exercise organisation: planning and management practices in the public, private and civil sectors

- current trends in sport and exercise: perspectives in sustainable development, equality and internationalisation
- sport and exercise: diverse forms of physical activity realized in different environments

Learning activities and teaching methods:

20 L, 61 IS

Recommended or required reading:

Itkonen, H. (et. al.) 2000. Liikunnan kansalaistoiminta -muutokset, merkitykset ja reunaehdot. Helsinki: Liikuntatieteellinen seura. TAI

Miettinen, M. (toim.) 2000. Haasteena huomisen hyvinvointi -miten liikunta lisää mahdollisuuksia? Jyväskylä: Likes.

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

Assessment methods and criteria:

Active participation in lectures, assignment/exam.

Grading:

0-5

Person responsible:

Professor Hannu Itkonen

LFY.Y001: Basics of sport biology of physical activity, 6 op

Voimassaolo: 01.08.2005 - 31.07.2013

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

6 credits

Learning outcomes:

The aim is to obtain a comprehensive picture of the healthy bodily structure and functions and to understand the main elements in understanding human physiological machinery. Students familiarize themselves with the structure and functions of the muscular nervous system and particularly in terms of the mechanisms related to the formation and coordination of movement. The course also looks at the elements of physical fitness and the physiological effects of sport and exercise.

Contents:

- healthy bodily structure and functions and age-related change
- structural and functional changes in the body in relation to sport and exercise
- physical fitness and performance: exercise and measurement

Learning activities and teaching methods:

20 L, 12 O, 130 IS

Recommended or required reading:

Nienstedt, W. & Hänninen, O., & Arstila, A. & Björkqvist 1999 (tai uudempi painos). Ihmisen fysiologia ja anatomia.

Wilmore, J. & Costill, D. 2004. Physiology of sport and exercise.

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

Assessment methods and criteria:

Active participation in lectures and exercises, exams.

Grading:

0-5

LPE.P004: Course in the observation of movement, 6 op

Voimassaolo: 01.08.2005 - 31.07.2013

Opiskelumuoto: Intermediate 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:

According to personal study plan.

Learning outcomes:

Students develop their observation skills in physical education, in the analysis of their own talents and areas in need of development, in their own movement and learning, in the analysis of another student's movement, and in the guidance of learning

Contents:

- factors in ability and general traits of moving
- understanding one's own areas of strength
- observing and assessing the diversity of movement and according core thinking.
- Understanding similarities between and within different sport forms.

Learning activities and teaching methods:

20 L, 22 O, 210 IS

Assessment methods and criteria:

Active participation in lectures and practicals, seminar assignment.

Grading:

0-5

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:

3rd-5th

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 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: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:

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-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 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. & 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:

3th-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:

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:

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394012P: Finnish, literature and expressive skills, 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:

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

ECTS Credits:

3 credits

Language of instruction:

Finnish

Timing:3th-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:

Lerkanen, 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: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

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:

3rd-4th

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:

3rd-4th 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:

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

Vastuuyksikkö: Jyväskylä 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) 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: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:

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:

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

Person responsible:

Lecturer Eeva-Maija Lappalainen

A255203: Preschool and Primary Education, intermediate studies (Kajaani), 35 op

Voimassaolo: - 31.07.2013

Opiskelumuoto: Intermediate Studies

Laji: Study module

Vastuuyksikkö: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

35 credits

Language of instruction:

Finnish

Timing:

3th-5th year

Contents:

394051A Development and preschool education (4 cr)

394052A School and learning difficulties (4 cr)

394053A Play, learning and development (5 cr)

394054A Learning as an activity (4 cr)

394055A Learning as an activity (5 cr)

394056A Assessment and documentation in preschool education (4 cr)

394057A Narrative learning and problem solving in preschool education (5 cr)

394058A Introduction to experiments in developmental preschool education (4 cr)

Grading:

0-5

Person responsible:

Professor Pentti Hakkarainen

Compulsory

394051A: Development and preschool education, 4 op**Voimassaolo:** - 31.07.2013**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

4 credits

Timing:3th-5th year**Learning outcomes:**

To provide a foundation for analyzing the state of pre-school education as a basis for developmental trajectory

Contents:

- Child development: challenges in pre-school education
- Child development as a cultural phenomenon
- Qualitative changes in development prior to reaching school-age
- General ability and the social role of development
- Teaching, learning and development

Learning activities and teaching methods:

10 L, 10 O, 88 IS

Recommended or required reading:

- Cole & Cole 2000 The Development of Children (osia)
- Valsiner, J. 2000 Culture and Human Development. London: Sage (osia),
- Elkonin, D.B. Periodization of Human Development, Journal Russian and East European Psychology 1999, no 4,
- Hakkarainen, P.2001 Kehittävä esiopetus ja oppiminen. Jyväskylä: PS -kustannus
Availability of course books can be checked [here](#).

Grading:

0-5

Person responsible:

Pentti Hakkarainen

394052A: School and learning difficulties, 4 op**Voimassaolo:** - 31.07.2013**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Kajaani Department of Teacher Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

4 credits

Timing:3th-5th year**Learning outcomes:**

To provide a platform for applying thinking based on the development curve concept and qualitative development transitions in assessing the transition from day care to school.

Contents:

- school and learning readiness concepts
- the pre-school transition phase as a functional system
- creative imagination and thinking as a foundation for learning readiness
- the development of the subject of learning
- the transition from early childhood education to school learning
- learning readiness diagnostics

Learning activities and teaching methods:

10L, 10 O, 88 IS

Recommended or required reading:

- Hakkarainen, P. 2001 Kehittävä esiopetus ja oppiminen. Jyväskylä: PS -kustannus
- Vygotsky, L.S. 1995 Fantasi och kreativitet i barndomen. Göteborg: Daidalos.
- Duffy, B. 1998 Supporting Creativity and Imagination in the Early Years. Buckingham: Open University Press.

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

Grading:

0-5

Person responsible:

Professor Pentti Hakkarainen

394053A: Play, learning and development, 5 op

Voimassaolo: - 31.07.2013

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 credits

Timing:

3th-5th year

Learning outcomes:

To understand the difference between learning in play and learning activities and to be able to analyze their role in child development.

Contents:

- Learning through play
- Interrelations of play, learning and development
- Sense-making orientation in play and learning
- Guiding learning in play
- The zone of proximal development in play
- Observation and evaluation of play

Learning activities and teaching methods:

10 L, 15 O, 110 IS

Recommended or required reading:

- Hakkarainen, P. 2001. Kehittävä esiopetus ja oppiminen. Jyväskylä: PS -kustannus
- Reynolds, G., Jones, E. 1997. Master Players. Learning from children at play. New York: Teachers College Press.
- Hurst, V., Joseph, J. 1998. Supporting Early Learning. Buckingham: Open University Press.
- Wood, E., Atfield, J. 1997. Play, Learning and the Early Childhood Curriculum. London: Paul Chapman Publishing.

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

Grading:

0-5

Person responsible:

Professor Pentti Hakkarainen

394054A: Learning as an activity, 4 op

Voimassaolo: - 31.07.2013

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

4 credits

Timing:

3th-5th year

Learning outcomes:

To explore the basic concepts of developmental teaching and learning theory so that students are able to apply them in the planning of pre-school education

Contents:

- The structure of learning activity
- Didactic principles of developmental education
- Learning activity and developmental pre-school education
- Learning activity and developmental evaluation

Learning activities and teaching methods:

10 L, 10 O, 88 IS

Recommended or required reading:

[list]

Hakkarainen, P. 2001. Kehittävä esiopetus ja oppiminen. Jyväskylä: PS -kustannus.

Hedegaard & Lompscher 1999. Learning activity and development. Aarhus: Aarhus University Press.

(Luvut 6&11). Davydov, V.V. 2000. Kehittävän opetuksen ja oppimisen teoria. (moniste)

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

Grading:

0-5

Person responsible:

Professor Pentti Hakkarainen

394055A: Didactics of developmental preschool education, 5 op

Voimassaolo: - 31.07.2013

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 credits

Timing:

3th-5th year

Learning outcomes:

To master the didactical approaches in developing learning readiness, didactic principles of constructing narrative learning environments, and methods of narrative teaching

Contents:

- The zone of proximal development as the foundation of didactics
- Constructing play-worlds and guiding play activity
- Transitory activity systems in pre-school education
- Problem-solving in narrative learning environments
- Narrative teacher competences and professional development
- Inclusive narrative pre-school education
- Knowledge orientation in play worlds

Learning activities and teaching methods:

10 L, 15 O, 110 IS

Recommended or required reading:

Lindqvist, G. 2000 Historia som tema och gestaltning. Stockholm: Studentlitteratur.

Berk, L., Winsler, A. 1995 Scaffolding Children's Learning. Washington: NAEYC.

Hakkarainen, P. (2001) Kehittävä esi- ja alkuopetus. Jyväskylä: PS - kustannus

Hedegaard & Lompscher 1999 Learning activity and development. Aarhus: Aarhus University Press (Luku 13)

Aidarova, L. 1991 Opetus ja lapsen kehitys. Moskova: Progress.

Pound, L. Supporting Mathematical Development in the Early Years. Buckingham: Open University Press

Whitehead, M. 1999 Supporting Language and Literacy Development in the Early Years. Buckingham: Open University Press.

Fisher, R. 1990 Teaching Children to Think. Oxford: Basil Blackwell.

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

Grading:

0-5

Person responsible:

Professor Pentti Hakkarainen

394056A: Assessment and documentation in preschool education, 4 op

Voimassaolo: - 31.07.2013

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

4 credits

Language of instruction:

Finnish

Timing:

3th-5th year

Learning outcomes:

Students are able to observe, document, and interpret qualitative changes in children and use new methods of evaluation.

Contents:

- Approaches in evaluating child development
- Evaluation of the zone of proximal development
- Portfolios on qualitative changes in child activity

- Evaluation of potential and development
- Evaluation of school and learning readiness
- Observation and pedagogical documentation

Learning activities and teaching methods:

10 L, 10 O, 88 IS

Recommended or required reading:

Hakkarainen, P. (2001) Kehittävä esi- ja alkuopetus. Jyväskylä: PS-kustannus
 Hedegaard & Lompscher 1999 Learning activity and development. Aarhus: Aarhus University Press (Luvut 12 ja 14)
 Dadlberg, G., Moss, P., Pence, A. 1999 Beyond Quality in Early Childhood Education and Care. London: Falmer Press.
 Helm, J.H., Beneke, S., Steinheimer, K. 1998 Windows on Learning. Documenting Young Children's Work. New York: Teachers College Press.
 Hakkarainen, P. Kehittävä esiopetus ja oppiminen (moniste)
 Availability of course books can be checked [here](#).

Grading:

0-5

Person responsible:

Professor Pentti Hakkarainen

394057A: Narrative learning and problem solving in preschool education, 5 op

Voimassaolo: - 31.07.2013

Opiskelumuoto: Intermediate 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:

3th-5th year

Learning outcomes:

To be able to construct and utilize learning assignments embedded in the narrative learning environments of developmental pre-school education

Contents:

- The language of stories in developmental pre-school education
- Story-telling methods and creation of imaginative events
- The multi-layered nature of problems in narratives
- Open problems and own learning tasks of children
- Stories, problems and the dialogical character of learning

Learning activities and teaching methods:

10 L, 15 O, 110 IS

Recommended or required reading:

Winston, J. 1998 Drama, Narrative and Moral Education. London: Falmer Press.
 Engel, S. 1999 The Stories Children Tell. Making Sense of the Narratives of Childhood. New York: W.H. Freeman and Company
 Toye, N., Prendville, F. 2000 Drama and traditional story for the early years. London: Routledge-Falmer.
 Bredikyte, M. 2000 Dialogical drama with puppets and children's sense creation (moniste)
 Elkoninova, L. 2001 Lasten leikin kohteellisuus (moniste)

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

Grading:

0-5

Person responsible:

Professor Pentti Hakkarainen

394058A: Introduction to experiments in developmental preschool education, 4 op

Voimassaolo: - 31.07.2013

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Kajaani Department of Teacher Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

4 credits

Timing:

3th-5th year

Learning outcomes:

To be able to carry out comparative analyses of developmental pre-school programmes and draw from them in work.

Learning activities and teaching methods:

135 IS

Assessment methods and criteria:

Writing an analytical report alone or in groups, based on the study visits and arising experiences. Alternative sites are:

1. Sites of technical creativity in pre-school education based on TRIZ
2. Vertically integrated classrooms in the city of Hyvinkää
3. Vertically integrated classrooms of the program 'Ontwikkelingsgericht Onderwijs' in the Netherlands
4. "Step by step" classrooms in Lithuania,
5. Sites of the Fifth Dimension in pre-school education
6. Other sites of developmental pre-school education

Grading:

pass/fail

682270P: Pronunciation 1, 2 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

Leikkaavuudet:

ay682270P Pronunciation 1 (OPEN UNI) 2.0 op

Ei opintojaksokuvauksia.

A250601: Psychology, (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: Järvillehto Timo

Opintokohteen kielet: Finnish

ECTS Credits:

25 credits

Language of instruction:

Finnish

Learning outcomes:

These studies consist of the following courses:

412070P Basics of psychological research

412054P Developmental psychology I

412071P Personality Psychology

412056P Basics of Cognitive and Neuropsychology

412057P Applications of Psychology: Psychology of Health and Mental Health

Person responsible:

Professor Timo Järvillehto

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:

3th-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

Vastuuyksikkö: 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:

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: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:

Launonen, K., & Korpijaakko -Huuhka, 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:

3-5th 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 Lonqvist 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:

3-5th 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:

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

Opiskelumoto: 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:

3-5th 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. Eryityiskasvatus varhaislapsuudessa. WSOY.
 Määttä, P. 1999. Perhe asiantuntijana. Eryityiskasvatuksen ja kuntoutuksen käytännöt. Atena.
 Ladonlahti, T. & Pirttimaa, R. (toim.) Eryityspedagogiikka 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

682271P: Structures of English, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

Leikkaavuudet:

ay682271P Structures of English (OPEN UNI) 3.0 op

Ei opintojaksokuvauksia.

682508P: Survey of North America, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

Ei opintojaksokuvauksia.

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:

3th-5th 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:

3th-5th 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:

3th-5th 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. Aineoliitostekniikka. 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:

3th-5th 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:

3th-5th 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:

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

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

Perälä, Osmo. 2002. Pienmoottorit ja työkoneet - 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:

3th-5th 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:

3th-5th 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:

3th-5th 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 vaatetusteollisuus.
 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:

3th-5th 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:

3th-5th 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 vuosituhanella? 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:

3th-5th 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. Kynnärä 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:

3th-5th 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 käsissäamme. 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:

3th-5th 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: Jyväskylä 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:

3th-5th 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 yhdessä! 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

Opiskelumuoto: 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:

3th-5th 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:

3th-5th 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

682273P: Translation F/E 1, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opettajat: Morris-Wilson, Ian

Opintokohteen kielet: English

Leikkaavuudet:

ay682273P Translation F/E 1 (OPEN UNI) 3.0 op

Ei opintojaksokuvauksia.

682272P: Writing Skills, 4 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Humanities

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

Leikkaavuudet:

ay682272P Writing Skills (OPEN UNI) 4.0 op

Ei opintojaksokuvauksia.