

Opasraportti

KTK - Pedagogical Studies for Teachers 2011-2012 (2011 - 2012)

Any courses that are no longer being offered have been removed from the Courses tab in this study guide.

A new study guide for the secondary teachers' pedagogical studies has been constructed in the spring of 2012, and it will become available on Weboodi by the autumn. At the bottom of the page you can find the timing diagram and structure of the new curriculum, according to which the new students admitted to secondary teacher education pursue their studies.

Pedagogical studies in the subject teacher education is a 1-year education programme that focuses on secondary education. It enables students to develop the skills, competencies and knowledge for professional educational tasks as a subject teacher.

The studies are divided into basic and intermediate studies.

Basic studies: students are aware of issues related to children and youngsters development and to constantly changing nature of education and society. They are able to apply new facts, concepts, theories and techniques in teaching, studying and learning.

Intermediate studies: students are able to integrate educational theory with school practices; they are aware of various research methodologies and are able to examine knowledge and phenomena critically, analytically and contextually.

BA graduate is able to

1. collect pedagogically relevant items to personal pedagogical portfolio.
2. describe the range of the application of pedagogy/pedagogical content knowledge.
3. explicate his/her own understanding of the subject knowledge to the pupils.
4. examine the special educational needs of pupils.
5. show ability to work in challenging educational environments.
6. adapt his/her behaviour in different educational and teaching situations.
7. use various teaching methods and to utilise learning environments.
8. take responsibility of his/her own actions and support the learners' self-efficacy.
9. judge the applicability of subject knowledge within the framework of the curriculum.
10. show empathy and tact and can select and judge his/her own actions according to the situation.

MA graduate is able to

1. construct a pedagogically relevant portfolio.
2. ponder the nature of pedagogical action and the applicability of the pedagogical theory.
3. discuss the assessment and evaluation of learning.
4. examine the special educational needs of pupils.
5. evaluate his/her own ability to work in challenging educational environments.
6. adapt his/her behaviour in different educational and teaching situations.
7. use various teaching methods and to utilise learning environments.
8. take responsibility of his/her own actions and support the learners' self-efficacy.
9. collaborate in a multi-professional environment.
10. analyze and explain the theoretical knowledge about education, teaching and the subject.
11. judge the applicability of subject knowledge within the framework of the curriculum.
12. recognise creativity in the field of education and teaching.
13. show empathy and tact and can select and judge his/her own actions according to the situation.

14. explicate research in inquiry based teaching.
15. participate in planning, development and evaluation tasks in education.
16. knowledge generalization, to design and invent theoretical knowledge, and apply it to teaching.

The timing diagram for the new study guide (secondary teachers' pedagogical studies)

Pedagogical studies

Code	Name	3rd year, spring	4th year, autumn
410067P	Basic course in education	4	
410068P	Didactics	4	
410069P	Educational psychology	4	
410070P	Sociology of education		4
410071P	Educational philosophy		4
410083P	Pedagogical Seminar	3	
050110A	Subject Didactics I	3	
050210A	Subject Didactics II	3	
050310A	Subject Didactics III	1	
050410A	Research in Subject Didactics		8
050081A	Basic Practice	5	
050082A	Advanced Practice I		6
050083A	Advanced Practice II		6
416004P	Educational Administration		1
050085A	Special Education		1
050091A	Optional studies	3	

Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

- 050082A: Advanced teaching practice I, 6 op
- 050083A: Advanced teaching practice II, 6 op
- 050084A: Applied teaching practice, 2 op
- 410067P: Basic course in education, 4 op
- 050081A: Basic teaching practice, 5 op
- 410068P: Didactics, 4 op
- 410071P: Educational philosophy, 4 op
- 410069P: Educational psychology, 4 op
- 410017Y: Multimedia as a learning project, 2 op
- 416012A: Optional course: basics of educational administration, 1 op
- 050091A: Optional studies, 3 op
- 407028A: Pedagogical Seminar II, 3 op
- 410074P: Pedagogical seminar I, 3 op
- 050073A-05: SD III Biology and Geography, 2 op
- 050073A-01: SD III Finnish Language and Literature, 2 op
- 050073A-03: SD III Foreign Languages, 2 op
- 050073A-02: SD III History, 2 op
- 050073A-04: SD III Mathematics and Natural Sciences, 2 op
- 050073A-06: SD III Music Education, 2 op
- 050074A-05: SD IV Biology and Geography, 5 op
- 050074A-01: SD IV Finnish Language and Literature, 5 op

050074A-03: SD IV Foreign Languages, 5 op
 050074A-02: SD IV History, 5 op
 050074A-04: SD IV Mathematics and Natural Sciences, 5 op
 050074A-06: SD IV Music Education, 5 op
 410070P: Sociology of education, 4 op
 050073A: Subject didactics III, 2 op
 050074A: Subject didactics IV, 5 op

Opintojaksojen kuvaukset

Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

050082A: Advanced teaching practice I, 6 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Practical training

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

6 cr

Language of instruction:

Finnish

Timing:

4th year autumn

Learning outcomes:

Upon completion of the course, the student

- understands the significance of the responsibility of the teacher and is capable of assuming independently responsibility for his/her work as a teacher
- understands the meaning of cooperation between home and school
- is capable of using the knowledge and skills learnt previously and working independently with pupils
- knows how to apply his/her knowledge of assessment and to plan and implement assessment of study performance

Contents:

The course consists of the following:

- Goal-oriented planning, execution and evaluation of lessons
- Observing and analysing teaching
- Teacher Training School's didactics and special features in student's own subject
- ICT in teaching
- individual and group tutoring
- independent study

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Contact teaching 60 h, independent work 100 h

Target group:

Students pursuing Pedagogical Studies for Secondary Teachers.

Prerequisites and co-requisites:

None.

Recommended optional programme components:

Other courses in the Pedagogical Studies for Teachers.

Recommended or required reading:

To be announced at the start of the course

Assessment methods and criteria:

Attendance in teaching and independent work.

Grading:

Pass/fail

Person responsible:

Oulu Teacher Training School

Working life cooperation:

Yes. Teaching practice.

050083A: Advanced teaching practice II, 6 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Practical training

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

6 cr

Language of instruction:

Finnish

Timing:

4th year autumn

Learning outcomes:

Having completed the course, the student

- knows how to apply the knowledge s/he has learnt and how to take independently and actively responsibility for his/her work as a teacher
- understands the significance of multiprofessional cooperation in teaching activities
- understands the meaning of pupil welfare in the teacher's work
- knows how to analyse and apply the knowledge and skills obtained in previous studies to work independently with students
- is able to analyse the significance of evaluation in teachers' work and to apply this knowledge to the planning and implementation of the evaluation of teaching acts

Contents:

The course consists of the following:

- independent, goal-oriented planning, execution and assessment of broad teaching entities.
- taking responsibility for all the subareas of teachers' work
- gaining a more in-depth perspective of the teaching profession (other than teaching one's own subject)
- familiarisation with teaching in grades 0-6

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Contact teaching 60 h, independent work 100 h

Target group:

Students pursuing the Pedagogical Studies for Secondary Teachers.

Prerequisites and co-requisites:

None.

Recommended optional programme components:

Other courses in the Pedagogical Studies for Teachers.

Recommended or required reading:

To be agreed on at the start of the course.

Assessment methods and criteria:

Attendance in teaching and independent work.

Grading:

Pass/fail

Person responsible:

Oulu Teacher Training School

Working life cooperation:

Yes. Teaching practice.

050084A: Applied teaching practice, 2 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 cr

Language of instruction:

Finnish

Timing:

Jan 9 - May 30 Lectures: Special Education: Feb 13 at 14.30 - 15.45, Feb 16 at 13 - 15.45; Basics of Educational Administration: Feb 21, 22, 27, 28, Mar 1 at 14.30 - 15.45 and Feb 24 at 8.15 - 9.30

Learning outcomes:

Having completed the course, the student

- is familiar with the opportunities provided by broadly based teacher education to work in the different sectors of education
- understands the contents of some special function in education. These include, among other things, special education and educational administration.

Contents:

Applied Teaching Practice comprises the following courses:

1. Special Education and Institutions of Special Education, 1 credit
2. Basics of Educational Administration, 1 credit. See 416004A and 4160012A (Education Programme).

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Contact teaching 20 h, independent work 34 h

Target group:

Students pursuing Pedagogical Studies for Secondary Teachers.

Prerequisites and co-requisites:

None.

Recommended optional programme components:

Other courses in the Pedagogical Studies for Teachers.

Recommended or required reading:

To be announced at the start of the course.

Assessment methods and criteria:

Attendance in teaching and independent work.

Grading:

Pass/fail

Person responsible:

Oulu Teacher Training School

Working life cooperation:

Yes. Teaching practice.

410067P: Basic course in education, 4 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen oppimateriaali:

Rinne, Risto (1) , , 2004, pakollinen

Lisätiedot:

Rinne, Risto , , 2000, pakollinen

Lisätiedot:

Siljander, Pauli , , 2002, pakollinen

Lisätiedot:

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay410067P Basic course in education (OPEN UNI) 4.0 op

ECTS Credits:

4 credits

Language of instruction:

Finnish

Timing:

1st year

Learning outcomes:

After completion of the course, the student

- identifies the most important features of education as a science
- has a basic understanding of the history of education and its main areas of study.
- knows how to use the basic concepts of education and pedagogy and is familiar with issues connected with them
- can relate different sectors of the educational sciences to each other
- is familiar with practical and professional tasks in the field of education and with issues connected to them.

Contents:

- education as a science, main areas and subareas
- basic concepts: development, bildung, teaching, pedagogical activity
- history and development of education in Finland
- basics of professional growth and development
- orientation to practical tasks in education, assumption of a professional identity as a teacher and in other educational tasks.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures and other contact teaching 18 h, independent work

Target group:

Students in all programmes pursuing basic studies in education

Prerequisites and co-requisites:

None

Recommended optional programme components:

This is the first course in the Basic Studies in Education (25 cr).

Recommended or required reading:

Rinne, R., Kivirauma, J. & Lehtinen, E. (toim.) (2000) Johdatus kasvatustieteisiin.

Siljander, P. (2002) Systemaattinen johdatus kasvatustieteeseen.

Availability can be checked [here](#).

Assessment methods and criteria:

Lecture or literature exam, or written assignments

Grading:

pass/fail

Person responsible:

Pauli Siljander

Subject teacher education: Katri Jokikokko

Working life cooperation:

None

050081A: Basic teaching practice, 5 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Practical training

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 cr

Language of instruction:

Finnish

Timing:

Autumn term

Learning outcomes:

Having completed the course, the student

- knows how to apply the curriculum to plan his/her teaching
- knows how to plan the implementation and evaluation of teaching
- knows how to apply the knowledge s/he has learnt to face different people and keep in control of teaching situations

Contents:

The student works on her/his capacity to make educational curricula and to plan, execute and assess teaching work. S/he becomes capable of dealing with different kinds of students as well as varying teaching and learning situations.

Content areas:

- curriculum design in the student's own subject
- planning, execution and assessment of teaching
- teaching methods and materials
- knowing the student
- development of interaction skills
- Teacher Training School didactics and special features of student's own subject
- observation and analysis of teaching
- individual and group tutoring
- ICT basics

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Contact teaching 30 h, independent work 50 h

Target group:

Students pursuing Pedagogical Studies for Secondary Teachers

Prerequisites and co-requisites:

No

Recommended optional programme components:

Other courses in the module of Pedagogical Studies for Secondary Teachers.

Recommended or required reading:

See Pedagogical Seminar I.

Assessment methods and criteria:

Attendance in teaching and independent work.

Grading:

Pass/fail

Person responsible:

Oulu Teacher Training School

Working life cooperation:

Yes

410068P: Didactics, 4 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen oppimateriaali:

Hakkarainen, Kai , , 1999, pakollinen

Lisätiedot:

Kansanen, Pertti , , 2004, pakollinen

Lisätiedot:

Rauste-von Wright, Maijaliisa , , 2003, pakollinen

Lisätiedot:

Rauste-von Wright, Maijaliisa , , 1994, pakollinen

Lisätiedot:

Uusikylä, Kari , , 2005, pakollinen

Lisätiedot:

Uusikylä, Kari , , 2000, pakollinen

Lisätiedot:

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay410068P Didactics: (OPEN UNI) 4.0 op

ECTS Credits:

4 credits

Language of instruction:

Finnish

Timing:

1st year

Learning outcomes:

Having completed the course, the students

- understand the basic concepts of learning and teaching, their theoretical foundations and their meaning in practice
- know how to describe the learning process and its cognitive, motivational and social features.
- recognize the teacher's role as a director/guide of learning and are familiar with new teaching models
- are able to analyse the characteristics of a good learner in theory and practice and are aware of how learning skills can be taught.

Contents:

- basic concepts of learning and teaching, their theoretical foundations and significance in practice
- basic processes of learning: learning process and its cognitive, motivational and social features
- theoretical foundations of learning guidance: the teacher's role as a director of learning and teaching models
- principles of curriculum design and lesson planning
- the characteristics of a good learner in theory and in practice: how learning skills can be taught
- basic models of ICT in teaching and learning

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures and other contact teaching 18 h, independent work

Target group:

Students in all programmes pursuing basic studies in education

Prerequisites and co-requisites:

None

Recommended optional programme components:

The course is part of the Basic Studies in Education (25 cr).

Recommended or required reading:

Applicable parts:

Hakkarainen, K. , Lonka, K. & Lipponen, L. (2004) Tutkiva oppiminen. järki, tunteet ja kulttuuri oppimisen sytyttäjinä. (vuoden 2001 painos käy myös)

Rauste-von Wright, M. & von Wright, J. (1994 - 2002) Oppiminen ja koulutus (1.- 8. p.).

Uusikylä, K. & Atjonen, P. (2005) Didaktiikan perusteet.

Course material availability can be checked [here](#).

Assessment methods and criteria:

Lecture and literature exam or written assignments

Grading:

pass/fail

Person responsible:

Sanna Järvelä

Working life cooperation:

None

410071P: Educational philosophy, 4 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay410071P Educational philosophy: (OPEN UNI) 4.0 op

ECTS Credits:

4 cr

Language of instruction:

Finnish

Timing:

1st year

Learning outcomes:

Having completed the course, the student

- is familiar with the main areas of research in educational philosophy, educational issues emerging from them, educational philosophical research and its results.
- knows how to analyse and solve ethical and philosophical problems in education and teaching and is able to critically assess previously suggested solutions.

Contents:

- research of educational philosophy as an area of education, nature of philosophy as a science, philosophical questions and the most important areas of philosophy.
- objectives in education
- historically important trends in academic study of educational philosophy
- the ethical nature of education and teaching, ethical issues in pedagogical activity

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures and other contact teaching 18 h, independent work.

Target group:

Students in all programmes pursuing basic studies in education.

Prerequisites and co-requisites:

None

Recommended optional programme components:

The course is part of the Basic Studies in Education (25 cr).

Recommended or required reading:

Applicable parts:

Ojakangas, M. (2001) Pietas - Kasvatuksen mahdollisuus.

Puolimatka, T. (1995) Kasvatus ja filosofia.

Etiikka koulun arjessa. (2002)

Atjonen, P. (2004) Pedagoginen etiikka koulukasvatuksen karttana ja kompassina.

Wulf, C. (2002) Anthropology of education.

Course material availability can be checked [here](#).

Assessment methods and criteria:

Lecture and literature exam or written assignments.

Grading:

pass/fail

Person responsible:

Eetu Pikkarainen

Working life cooperation:

None

Other information:

For early childhood education students, the scope of is course is 3 credits; in addition to the lectures, they will complete "Early Childhood Education - theoretical approaches", 2 credits of exercises.

410069P: Educational psychology, 4 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay410069P Educational psychology: (OPEN UNI) 4.0 op

ECTS Credits:

4 cr

Language of instruction:

Finnish

Timing:

1st year

Learning outcomes:

Having completed the course, the student

- knows how to use the central concepts of educational psychology and identifies its research areas and main research objects
- understands the special nature of educational psychology and can estimate the opportunities and limitations in applying psychological knowledge in educational work

Contents:

- the relationship of educational psychology to psychology and other areas of education
- research object and basic concepts of educational psychology: growth, development, learning
- professional practice in educational psychology and its application to issues of growth and development

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures and other teaching 18 h, independent work

Target group:

Students in all programmes pursuing basic studies in education

Prerequisites and co-requisites:

No

Recommended optional programme components:

The course is part of the Basic Studies in Education (25 cr).

Recommended or required reading:

Applicable parts:

Dunderfelt, T. (1992-2006) Elämänkaaripsykologia.

Lehtinen, E., Kuusinen, J. & Vauras, M. (2007) Kasvatuspsykologia OR

Lehtinen, E. & Kuusinen, J. (2001). Kasvatuspsykologia.

Vuorinen, R. (1990-2000). Persoonallisuus ja minuus.

Course material availability can be checked [here](#).

Assessment methods and criteria:

Lecture and literature exam or written assignments

Grading:

pass/fail

Person responsible:

Hannu Soini

Working life cooperation:

None

Other information:

In the early childhood education programme, this course is 2 cr in scope (lectures only).

410017Y: Multimedia as a learning project, 2 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay410017Y Digital Media in Teaching and Learning (OPEN UNI) 2.0 op

ECTS Credits:

3 cr

Language of instruction:

Finnish

Timing:

1st year

Learning outcomes:

After completing the course the student:

- recognises the basic concepts of multimedia
- has planned and implemented an educationally relevant multimedia product in a group
- knows how to use commonly available multimedia production software
- discovers opportunities to use multimedia in education

Contents:

- basic concepts in multimedia
- digital audio processing
- digital image processing
- digital video processing
- digistories

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 10 h, small-group sessions 20 h, independent study

Target group:

All the students in the faculty

Prerequisites and co-requisites:

None

Recommended optional programme components:

None

Recommended or required reading:

Lectures, groupwork. Study materials will be confirmed at the beginning of the course.

Assessment methods and criteria:

Active participation in the course. A multimedia product.

Grading:

Pass/fail

Person responsible:

Asko Pekkarinen

Working life cooperation:

None

416012A: Optional course: basics of educational administration, 1 op

Voimassaolo: 01.08.2006 - 31.07.2013

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish**ECTS Credits:**

1 credit

Language of instruction:

Finnish

Timing:

4th to 5th year

Learning outcomes:

Upon completion of the study module, the student

- knows the acts and decrees governing educational administration as well as their contents
- know how to apply educational administration legislation into practice at her/his own level of education
- knows how to use the Finlex software.

Contents:

The course aims to give the students the necessary legal proficiency in relation to work as a public servant or in school administration. In addition, the students gain a good understanding of their own rights and obligations and are able to recognise situations when further information and/or help is needed. During the course, students will be introduced with the administrative system and public services in terms of set duties and opportunities as defined in legal regulations and norms.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Small-group sessions and practical assignment 4 h.

Prerequisites and co-requisites:

None

Recommended optional programme components:

This is a part of the compulsory course 416004A "Basics of Educational Administration".

Recommended or required reading:

To be announced at the start of the course

Assessment methods and criteria:

Assignment

Grading:

pass/fail

Person responsible:

N.N.

Working life cooperation:

None

050091A: Optional studies, 3 op**Voimassaolo:** 01.08.2005 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Faculty of Education**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Voidaan suorittaa useasti:** Kyllä**ECTS Credits:**

3 cr

Language of instruction:

Finnish

Timing:

Spring term

Learning outcomes:

Upon completion of the course, the student is able to describe the essential contents of his/her chosen course and is capable of applying it as a teacher.

Contents:

Courses supporting the general objectives of Pedagogical Studies for Teachers, offered by the Teacher Training School, Education Programme and Subject Didactics. Courses are confirmed on a yearly basis.

For example

Comprehensive secondary teachership. See more http://www.oulu.fi/ktk/ao_laaja

Learning activities and teaching methods:

Lectures and other contact teaching as well as independent work, totalling 80 h

Target group:

Students in secondary teacher education programmes

Prerequisites and co-requisites:

No

Recommended optional programme components:

The course is a part of the Pedagogical Studies for Secondary Teachers

Recommended or required reading:

Vary depending on the student's choice.

Assessment methods and criteria:

To be agreed on at the start of the course.

Grading:

Pass/fail

Person responsible:

Eetu Pikkarainen

Working life cooperation:

None

407028A: Pedagogical Seminar II, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 cr

Language of instruction:

Finnish

Timing:

2nd year

Learning outcomes:

Students are:

- familiar with the research field of school pedagogy 3-5
- familiar with different models of learning 3-5
- able to identify the theoretical principles of learning behind different pedagogical models 3-5
- able to design study periods based on different pedagogical starting points 3-5
- able to make use of ICT as a pedagogical tool.

(Intended assessment criteria for a successful pass are max 25 pts)

Pedagogical studies for secondary teachers

The students

- are familiar with the research field of school pedagogy
- gain perspective into the issues underlying changing teacherhood
- are able to envision their teacherhood and work as teacher through theoretical and practical dialogue.
- understand their own teacherhood and the ethical dimension of teaching

Contents:

- learning theory
- individual and group learning
- guidance of learning
- assessment

Pedagogical studies for secondary teachers

- deepen knowledge of the content areas covered in Pedagogical Seminar I
- research orientation

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Small group sessions 24 h, independent work 16 h, literature study 20 h, plan/report 20 h

Target group:

Primary teacher students (broadly based) and students pursuing the Pedagogical Studies for Teachers

Prerequisites and co-requisites:

410074P Pedagogical Seminar I

Recommended optional programme components:

The seminar is a part of the umbrella course formed by the "Guidance of learning, planning and evaluation of teaching" course and practical school experience at the Bachelor level. It looks at the theoretical starting points of designing different teaching and learning models and learning environments in practice. Designing practices based on substantiated learning theories aims to help support the students' learning processes in their teaching practice.

Recommended or required reading:

To be agreed on at the beginning of the course

Assessment methods and criteria:

Active participation in contact teaching. Design, implementation, evaluation and reporting on a pedagogical application derived from learning theory.

In the **Pedagogical studies for teachers** the methods of implementation are the same as in Pedagogical Seminar II and III.

Grading:

Pass/fail, a mark of 3 required to secure a pass

Person responsible:

Sinikka Kaartinen (primary teacher education)

Marko Kielinen and Sinikka Kaartinen (pedagogical studies for teachers)

Working life cooperation:

None

410074P: Pedagogical seminar I, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen oppimateriaali:

Gulliford, Ronald & Upton, Graham (eds.), , 1992

Corbett, Jenny , , 2001

Charlton, Tony & David, Kenneth (eds.), , 1990

Opintokohteen kielet: Finnish

ECTS Credits:

3 credits

Language of instruction:

Finnish

Timing:

1st year

Learning outcomes:

Completion of Pedagogical Seminar I and final report. Intended learning outcomes and the assessment criteria for a successful pass are (max 25 pts):

Three student:

- knows how to gather observation data on social interaction in the classroom (3-5 pts)
- identifies issues underlying changing teachership (3-5 pts)
- knows how to apply awareness of the pupil in the teacher's pedagogical activity (3-5 pts)
- knows how to present her/his pedagogical theory-in-use (3-5 pts)
- knows how to prepare a report based on observation data in the classroom, in which s/he discusses her/his observations from theoretical and practical points of view (3-5 pts)

Subject teacher education

Having completed the course, the student knows how to

- evaluate the relationship between general studies in educational sciences and other content areas in pedagogical studies and with the experiences acquired in teaching practice (relationship between theory and practice).
- participate in pedagogical discussion with representatives of different subjects and other parties
- justify his/her own pedagogical action
- face different students and identify special education needs and participate in student care.
- understand the principles of inclusive teaching and the individual education plan (IEP)

Contents:

- educational and developmental psychology: developmental features in the growth of school-aged learners
- theories in social psychology and their applications in educational observation in the classroom
- observation data
- pedagogical portfolio: objectives and implementation

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Small-group sessions 24 h, independent work 16 h, literature study 20 h, report 20 h

Target group:

Students pursuing Pedagogical Studies (primary teacher education and subject teacher education)

Prerequisites and co-requisites:

410067P Basic Course in Education, 4 credits, 410068P Didactics, 4 credits

Recommended optional programme components:

The seminar is a part of the umbrella course formed by the "Developmental Psychology" and "School Experience Orientation" course modules. It focuses on learner development and growth as well as class interaction and the study of sociocultural phenomena.

Recommended or required reading:

To be agreed on at the beginning of the course

Assessment methods and criteria:

Active participation in contact teaching. Report on a selected topic (pass/fail, a mark of 3 required to secure a pass).

Grading:

Pass/fail

Person responsible:

Sinikka Kaartinen (Primary Teacher Education)

Marko Kielinen and Sinikka Kaartinen (Pedagogical Studies for Teachers)

Working life cooperation:

None

Other information:

The course is different in content and implementation in the **Pedagogical Studies for Teachers**.

See <http://wwwedu.oulu.fi/intra/?oid=59363> for more information.

050073A-05: SD III Biology and Geography, 2 op

Voimassaolo: 01.08.2007 -

Opiskelumoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

Student is able to

- develop student centred teaching and learning processes

- compare worldviews and their relation to Biology and Geography education
- analyze his/her own professional growth as a Biology and Geography teacher and to evaluate his/her readiness to support studying and learning processes of a student and groups.

Contents:

- A student as a learner and support of learning
- Worldviews and Biology and Geography education
- Professional growth as a Biology and Geography teacher

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Lecture and small-group work 16 h, distant work 38 h

Target group:

Biology and Geography student teachers

Prerequisites and co-requisites:

.

Recommended optional programme components:

Subject studies in Biology and Geography, SD I, SD II

Recommended or required reading:

Eloranta, V., Jeronen, E. & Palmberg, I. (toim.) (2005) *Biologia eläväksi. Biologian didaktiikka*. PS-kustannus.
 Cantell, H., Rikkinen, H. & Tani, S. (2007) *Maailma minussa - minä maailmassa*. Maantieteen opettajan käsikirja. *Studia Paedagogica* 33. Helsingin yliopisto, Soveltavan kasvatustieteen laitos.

Course material availability can be checked [here](#).

Assessment methods and criteria:

Active participation in the lectures, study diary, exam.

Grading:

0 - 5

Person responsible:

Eila Jeronen

Working life cooperation:

No

050073A-01: SD III Finnish Language and Literature, 2 op

Voimassaolo: 01.08.2007 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

The student

- is familiar with different school systems and knows how to make varied use of the working methods of Finnish and literature teaching in them
- also familiarises her/himself with drama education and knows how to plan a study module making use of working methods in small-scale drama
- deepens her/his conceptions of folk tradition as an area of Finnish and literature teaching
- develops her/his abilities to assessment pupils' learning

Contents:

Finnish and literature teaching in vocational institutions, drama education, folk tradition

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures and small-group work 16 h. An independent assignment 38 h.

Target group:

Mother tongue (Finnish) and literature teacher students

Prerequisites and co-requisites:

Subject Didactics I and II

Recommended optional programme components:

Studies in mother tongue (Finnish) and literature, other Pedagogical Studies for Secondary Teachers

Recommended or required reading:

To be agreed on at the start of the course.

Assessment methods and criteria:

Active participation in contact teaching, independent written assignment.

Grading:

Pass/fail

Person responsible:

Minna Sääskilähti

Working life cooperation:

None

050073A-03: SD III Foreign Languages, 2 op

Voimassaolo: 01.08.2007 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

The student learns to plan, execute and assess written and oral assignments.

Contents:

The following topics are covered:

- oral language skills - teaching and assessment
- various oral presentations

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures, small-group sessions, independent study

Target group:

Foreign language teacher students

Prerequisites and co-requisites:

Subject didactics I and II

Recommended optional programme components:

The course is part of the Pedagogical Studies for Secondary Teachers.

Recommended or required reading:

Mäkinen, K. (2002) Uskalla kokeilla! Oulu: Oulun yliopistopaino.

Course material availability can be checked [here](#).

Assessment methods and criteria:

Designing and implementing a subject-specific process-drama

Grading:

Pass/fail

Person responsible:

Lecturer in Foreign Language Education

Working life cooperation:

No

050073A-02: SD III History, 2 op

Voimassaolo: 01.08.2007 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

The student

- understands the significance of local history for the learner's growth and historical thinking.
- knows how to apply local history as part of teaching in accordance with the curriculum.
- knows how to plan and implement teaching visits.
- knows how to compose and mark tests.

Contents:

Teaching and evaluation of local history as a means to fulfil the curriculum.

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Lectures and exercises 16 h, distance work 38 h

Target group:

History teacher students

Prerequisites and co-requisites:

SD I and II

Recommended optional programme components:

Pedagogical Studies for Secondary Teachers

Recommended or required reading:

To be agreed on at the start of the course

Assessment methods and criteria:

Active participation in contact teaching and independent tasks

Grading:

Pass/fail

Person responsible:

Jari Honkanen

Working life cooperation:

No

050073A-04: SD III Mathematics and Natural Sciences, 2 op

Voimassaolo: 01.08.2007 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 cr

Language of instruction:

Finnish

Timing:

3th year, spring term

Learning outcomes:

Having completed the course, the student

- knows how to apply the subject-specific and didactic content knowledge needed in the teaching mathematics and sciences in primary and secondary education
- knows how to evaluate differentiation and integration of teaching and put various differentiation and integration methods into practice
- knows how to analyse the transition phase from a school level to another especially from the viewpoint of mathematics and sciences
- knows how to choose and justify the use of different teaching methods in mathematics and science teaching

The students gain a deeper level of understanding and expand their knowledge of primary and secondary maths and natural sciences in terms of teaching content and subject didactics. The students further develop their knowledge and conceptual tools relating to different content areas in Maths, Chemistry and Physics. This is done in a way which incorporates the student experience so that teaching and learning become a pleasant experience. The student teachers assume a critically informed mindset for teaching Maths and Social Sciences - its objectives, content, teaching methods and educational material. The students learn to appreciate mathematical subjects and their teaching and learning on a deeper level.

Contents:

- Differentiation and integration of teaching in mathematics and sciences
- Phases of transition from one school level to another from the viewpoint of mathematics and sciences
- Examples of teaching and learning contents in mathematics and sciences

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 4 g, exercises 18 h (two exercise groups are selected based on the student's interests from among mathematics, physics and chemistry). Independent work 32 h.

Target group:

Mathematics and science teacher students

Prerequisites and co-requisites:

Subject Didactics I ja II

Recommended optional programme components:

Subject Didactics I, II and IV

The course is part of the Pedagogical Studies for Secondary Teachers, Mathematics and Science

Recommended or required reading:

To be agreed on at the start of the course

Assessment methods and criteria:

Participation in exercise groups, group exam.

Grading:

Pass/fail

Person responsible:

Vesa-Matti Sarenius, Emilia Manninen and Kaisa Hautala

Working life cooperation:

None

050073A-06: SD III Music Education, 2 op

Voimassaolo: 01.08.2007 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

The student is able to perceive the music teacher's activities as an artistic and cultural actor in school communities, and knows how to plan events involving various target groups making use of the working methods and learning environments in music education.

Contents:

- National and municipal curricula at the primary level.
- In conjunction with Advanced Practice I (6 credits) and Pedagogical Seminar II .

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 20 h, independent assignment to be agreed on during the course

Target group:

Music education students

Prerequisites and co-requisites:

Subject Didactics I (050071A) and II (050072A)

Recommended optional programme components:

In conjunction with Advanced Practice I (6 credits) and Pedagogical Seminar II

Recommended or required reading:

Recent teaching materials in music education, core curriculum

Assessment methods and criteria:

Assignments connected with the course

Grading:

Pass/fail

Person responsible:

Kari Kuivamäki

Working life cooperation:

None

050074A-05: SD IV Biology and Geography, 5 op

Voimassaolo: 01.08.2007 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

Student is able to

- interpret research reports and articles in Biology and Geography education
- plan and carry through a study in Biology and Geography education
- evaluate research reports of his/her own and other authors constructively
- describe what the concept ethical responsibility means.

Contents:

- Principles and practices in the research of Biology and Geography education
- Designing and delivering of a research in Biology or Geography education

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Lectures and seminar work 36 h, distant work 98 h

Target group:

Biology and Geography student teachers

Prerequisites and co-requisites:

SD I, II, III

Recommended optional programme components:

Subject studies in Biology and Geography, SD I, SD II, SD III

Recommended or required reading:

Study material will be agreed separately with the teacher responsible for the course.

Assessment methods and criteria:

Active participation in the lectures and seminars, research report, study diary, portfolio

Grading:

0 - 5

Person responsible:

Eila Jeronen

Working life cooperation:

No

050074A-01: SD IV Finnish Language and Literature, 5 op

Voimassaolo: 01.08.2007 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

After completion, the students

- will be able to develop their professional identities through research work.
- can apply subject didactics research approaches in developing teaching methods in Finnish Language and Literature.
- are capable of reforming mother tongue and literature teaching on a broader scale.

Contents:

The following topics are covered:

- principles and practice in subject didactics research
- research paper

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Seminar work 36 h, independent study 98 h

Target group:

Mother tongue and literature teacher students

Prerequisites and co-requisites:

Subject didactics I, II and III

Recommended optional programme components:

Subject Studies in Mother tongue and literature, Pedagogical Studies for Secondary Teachers

Recommended or required reading:

TBC

Assessment methods and criteria:

Participation in seminar work, independent research paper.

Grading:

Pass/fail

Person responsible:

Minna Sääskilähti

Working life cooperation:

No

050074A-03: SD IV Foreign Languages, 5 op

Voimassaolo: 01.08.2007 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

The students

- are able to prepare a subject didactics research paper based on in-depth study of one particular subsector in foreign language teaching.
- understand the ethical responsibilities in teaching work.
- assess their own teaching philosophy and growth as a teacher as a part of the professional development.

Contents:

The following topics are covered:

- in-depth study of a subarea in foreign language teaching
- development of research abilities and capacity
- developing skills in a particular subarea of foreign languages teaching and learning

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

4 h lectures, 42 h seminar work in small groups.

Target group:

Foreign language teacher students

Prerequisites and co-requisites:

Subject didactics I, II and III

Recommended optional programme components:

Pedagogical studies for secondary teachers

Recommended or required reading:

To be agreed on at the start of the course.

Assessment methods and criteria:

Active participation in seminar sessions, research paper.

Grading:

0 - 5

Person responsible:

Lecturer in Foreign Language Education

Working life cooperation:

No

050074A-02: SD IV History, 5 op

Voimassaolo: 01.08.2007 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

After completion of the course, the student

- understands the underlying social and didactic background factors related to the generation of learning materials.
- understands the learning process and knows how to produce learning materials to support different learning strategies.
- knows how to analyse critically learning processes and evaluate learning materials.
- knows how to write a thesis independently or create a set of learning materials on an agreed topic.

Contents:

Production of an applied or theoretical seminar paper on subject didactics, its assessment in a seminar session.

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Seminar sessions 36 h, distance work 98 h

Target group:

History teacher students

Prerequisites and co-requisites:

Completion of Subject Didactics I, II and III

Recommended optional programme components:

The course is a part of the Pedagogical Studies for Secondary Teachers

Recommended or required reading:

To be agreed on at the start of the course

Assessment methods and criteria:

Production of and acting as a peer opponent to a seminar paper, active participation in seminar sessions.

Grading:

Pass/fail

Person responsible:

Jari Honkanen

Working life cooperation:

None

050074A-04: SD IV Mathematics and Natural Sciences, 5 op

Voimassaolo: 01.08.2007 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

- The student appreciates the basic principles of doing subject didactics research: theory, empiria, research problems, methods, conclusions.
- The student learns about the most recent ideas and research findings related to teaching mathematical subjects.
- The students are able to develop their approach and 'literacy' towards subject didactics: the ability to read, interpret, and produce research of their own.
- The students learn formative criticism and debating skills in the context of subject didactics: the ability to critically examine conducted studies as well as their own research.

Contents:

Principles and practice of subject didactics research. Research paper and evaluation.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 4 h, small-group work 30 h

Target group:

Mathematics and Science teacher students

Prerequisites and co-requisites:

Subject didactics I, II and III

Recommended optional programme components:

Subject didactics I, II and III

Pedagogical studies for secondary teachers

Recommended or required reading:

To be agreed on at the start of the course.

Assessment methods and criteria:

Seminar thesis

Grading:

Pass/fail

Person responsible:

Vesa-Matti Sarenius, Emilia Manninen and Kaisa Hautala

Working life cooperation:

No

050074A-06: SD IV Music Education, 5 op

Voimassaolo: 01.08.2007 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 cr

Language of instruction:

Finnish

Timing:

Master's level

Learning outcomes:

The student identifies didactic issues and know how to reflect on her/his work using current literature from the viewpoint of the so-called inquiring teacher.

Contents:

Familiarisation with research data and literature on music education from the viewpoint of the inquiring teacher

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures 20 h

Target group:

Music education students

Prerequisites and co-requisites:

Subject Didactics I, II and III

Recommended optional programme components:

Linked to the thesis seminar

Recommended or required reading:

Dissertations and articles connected with music learning and teaching and the profession of music teachers, other current literature on subject didactics

Assessment methods and criteria:

Assignments connected with the course

Grading:

0 - 5

Person responsible:

Kari Kuivamäki

Working life cooperation:

None

410070P: Sociology of education, 4 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay410070P Sociology of education:Society, educational institutions and social interaction (OPEN UNI) 4.0
op

ECTS Credits:

4 credits

Language of instruction:

Finnish

Timing:

1st year

Learning outcomes:

Having completed the course, the student is able to perceive:

- the links between sociology of education, sociology and education.
- basic issues and concepts in social sciences and sociology of education
- the Finnish education system and educational policy as a part of social policy

Contents:

- central concepts in social sciences
- basic concepts and issues in sociology of education
- sociology of education: links to education and sociology
- socialization and the functions of education
- classic trends in the sociology of education: structuralism, conflict theory and critical sociology, socialization theory and interactionism
- the Finnish education system: past, present and future perspectives
- education policy as a part of social policy
- theoretical and practical issues in sociology of education: school practices (interactionist classroom research), hidden curriculum, equality of education, identity, normality and deviation.

Mode of delivery:

Face-to-face teaching

Learning activities and teaching methods:

Lectures and other contact teaching 18 h, independent work.

Target group:

Students in all programmes pursuing basic studies in education.

Prerequisites and co-requisites:

No

Recommended optional programme components:

The course is part of the Basic Studies in Education (25 cr).

Recommended or required reading:

Aittola, T. (toim.) (1999) Kasvatussosiologian teoreetikoita. Uudesta kasvatussosiologiasta oppimisen kriittiseen tarkasteluun.

Antikainen, A., Rinne, R. & Koski, L. (2000) Kasvatussosiologia.

Course material availability can be checked [here](#).

Assessment methods and criteria:

Exam and literature exam or written assignments.

Grading:

pass/fail

Person responsible:

Veli-Matti Ulvinen

Working life cooperation:

None

Other information:

In the early childhood education programme, this course consists of two parts, 01 (Sociology of education, 3 credits and exercises) and 02 (Child, education and culture, 2 credits). Students can find more information on coursework and reading materials in the relevant section of the course guide.

050073A: Subject didactics III, 2 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

See the subcodes for the learning outcomes in the various subjects.

Contents:

The objectives, content, implementation, target group, etc., depend on the subject group in question. More specific information can be found in the following course descriptions:

- 050073A-01 Finnish Language and Literature
- 050073A-02 History
- 050073A-03 Foreign Languages
- 050073A-04 Mathematics and Natural Sciences
- 050073A-05 Biology and Geography
- 050073A-06 Music Education

Mode of delivery:

Face-to-face teaching/ blended teaching

Learning activities and teaching methods:

See the subcodes.

Target group:

Secondary teacher students in the relevant subjects

Prerequisites and co-requisites:

See the subcodes.

Recommended optional programme components:

The course is part of the Pedagogical Studies for Secondary Teachers.

Recommended or required reading:

See the subcodes.

Assessment methods and criteria:

See the subcodes.

Grading:

See the subcodes.

Person responsible:

Varies by subject.

Working life cooperation:

None

050074A: Subject didactics IV, 5 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish**ECTS Credits:**

5 cr

Language of instruction:

Finnish

Timing:

4th year

Learning outcomes:

See the subcodes for the learning outcomes in the various subjects.

Contents:

The contents vary by subject groups. See:

- 050074A-01 Finnish Language and Literature
- 050074A-02 History
- 050074A-03 Foreign Languages
- 050074A-04 Mathematics and Natural Sciences
- 050074A-05 Biology and Geography
- 050074A-06 Music Education

Mode of delivery:

Face-to-face teaching/ blended teaching

Learning activities and teaching methods:

See the subcodes.

Target group:

Secondary teacher students in the relevant subjects.

Prerequisites and co-requisites:

See the subcodes.

Recommended optional programme components:

The course is part of the Pedagogical Studies for Secondary Teachers.

Recommended or required reading:

See the subcodes.

Assessment methods and criteria:

See the subcodes.

Grading:

See the subcodes.

Person responsible:

Varies by the subject.

Working life cooperation:

None