

Opasraportti

LTK - Health Science Teacher (2009 - 2010)

TEACHER TRAINING PROGRAMME IN HEALTH SCIENCES (nursing science) 2009-2010

1. General descriptions

Qualification awarded

The teacher training in health sciences (nursing science) is based on the regulation of university degrees (794/2004). The education leads to degree of Bachelor of Health Sciences (BHSc) 180 ECTS and also to degree of Master of Health Sciences (MHSc) 120 ECTS. The Institute of Health Sciences is in charge of managing the education.

Admission requirements

The right to study in the teacher training in health sciences (nursing science) can be received in a yearly held student choosing process. There will be the students selected to the teacher training in health sciences (nursing science) to pass both the Bachelor's degree program (BHSc) and to the Master's degree program (MHSc).

Studying the minor subjects

The students studying major in radiography, clinical laboratory science and health administration can apply for the right to study in the teacher training in health sciences. Every year one (1) student from the studies of health administration will be selected and every second year one (1) student from the studies of radiography or clinical medicine science will be selected to the program. To be accepted, the student must have finished the intermediate studies of his/her major subject and the basic studies of educational sciences (25 credits) and he/she must be capable of stating the reasons for the minor subjects that he/she has studied. The right to study in the program of teacher training in nursing sciences must be applied before 30.11.

Educational and professional goals

The goals for the lower academic degree (Bachelor of Health Sciences):

The education must give to the student:

- 1) The basic knowledge of the field of Health Sciences and the capacity to follow the development of the field
- 2) Capability for scientific thinking and scientific working methods
- 3) Qualifications for higher academic degree and continuous learning
- 4) Personal capacity for using the knowledge in work
- 5) Sufficient communication and language skills

The goals for the higher academic degree (Master of Health Sciences)

The education must give to the student:

- 1) Good knowledge of the overall of the major studies and basics of the minor studies
- 2) Capability of applying scientific information and methods
- 3) Capability to act as a professional and developer of one's own subject
- 4) Capability for scientific post-graduate education
- 5) Good communication and language skills

The purpose of the Teacher Training of Health Sciences is that the student will attain expertise in teaching and development tasks in the field of health and social care. After finishing the studies the student can

- 1) work independently as teacher and pedagogue,
- 2) evaluate the development of one's own field of studies and adjust scientific information and methods to the work,
- 3) use research to plan the work and education of one's field.

Access to further studies

Higher academic degree (MHSc) gives eligibility for post-graduate education for Licentiate of Health Sciences and for Doctor of Health Sciences. To apply for a post-graduate student, student must leave post-graduate study plan for the department before 30.4. (Institute of Health Sciences/5HOIT, PL 5000, 90014 University of Oulu). The selection criteria for post-graduate education can be seen in the web-pages of the Institute of Health Sciences.

2. Course structure

The Bachelor of Health Sciences degree consists of 180 credits. The degree consists of general studies, basic and intermediate studies of a major subject, studies of a minor subject and optional studies. Intermediate studies of the major subject include a Bachelor's thesis. The Master of Health Sciences degree consists of advanced studies of the major subject, minor subjects and the optional studies. The advanced studies of the major subject include a Master's thesis.

Major studies in the teacher training of health sciences

Nursing science is the major subject in the teacher training of health sciences. The basic, intermediate and advanced studies are the same as in the master degree in health sciences.

Minor subjects

The minor subject of the teacher training of health sciences is the didactic of nursing science (60 credits). The didactic of nursing science studies (60 credits) are included partially in Bachelor's and in Master's degree. The Bachelor of health sciences includes the basic studies of educational science (25 credits) and the Master of health sciences includes the intermediate studies of didactics (35 credits).

The didactics of Nursing Science 60.0

The Bachelor's degree program (BHSc)

41000P The basic studies of educational science 25.0

The Master's degree program (MHSc)

The intermediate studies of didactics 35.0

352119A Planning the content and methods of instruction 5.0
 352121A Evaluation of instruction and learning 3.0
 352122A Educational administration and planning of instruction and learning 5.0
 352124A Teacher training 16.0
 352207A Evaluation of the impressiveness of healthcare education 3.0
 352208A Introduction to didactics of the Nursing Science 3.0

Responsible person: Hannele Lukkarinen

Optional studies

Optional studies are basic, intermediate or advanced studies from some other science field that are done in the University of Oulu or in some other university. In the teacher training of health sciences student chooses (30 credits) optional studies from the other faculties or other universities for the Bachelor's degree and (25 credits) for the Master's degree. If a student has a higher vocational diploma he/she will be credited for 30 credits.

The training programme for the teacher training of health sciences can be seen in figure X.

Bachelors degree (180 ECTS)

General studies 52 ECTS General Studies

Orientation courses 40 ECTS

350001Y Study planning and tutorial 2.0
 350003Y Philosophical foundations for scientific research 6.0
 350005Y Statistic 6.0
 350007Y Applied statistics and ADP 5.0
 350008Y Academic learning skills 3.0

Language and communication studies 12 ECTS

900007Y Elements of written communication ** 1) 2.0
 900008Y Elements of oral communication** 2.0
 901007Y Swedish 1) 3.0
 902008Y Foreign language, English** 1) 3.0
 350006Y Informatics in health sciences 2.0

1) Language center handles the courses which are compensated by Polytechnic degree

If the student have accomplished earlier social service -or health care-degree (post-secondary or polytechnic) 18.0* credits of below courses will be compensated.

360001Y Psychology* 6.0
 360002Y Sociology* 6.0
 360003Y Public health science * 6.0

Course structure in the basic, intermediate and advanced studies in nursing science are as follows:

Basic studies in Nursing science (Bachelor´s degree), 25 ECTS:

351008P Research methods (basic) 2.0
 51101P Introduction to nursing science 5.0
 3520021P Theoretical and methodological basis in nursing * 18.0

Intermediate studies in nursing science (Bachelor´s degree) 48 ECTS

352105A Health Care Today 5.0
 352107A Research methods I 4.0
 352110A Clinical studies in nursing **19.0
 352221A theory development and evaluation 5.0

352310A Ethics and Philosophy of nursing 5.0
 352114A Bachelor's thesis 10.0
 353205S Written maturity test

The minor subjects (The basic studies of educational science 25.0)41000P The basic studies of educational science 25.0

Optional studies 30 ECTS

Master's Degree (120 ECTS)

Advanced studies and pro gradu thesis in nursing science (Master's degree) 60 credits

353201S Advanced studies in nursing science 8.0
 353203S Research methods II 10.0
 353204S Research seminars 8.0
 353206S Pro gradu thesis 30.0
 353112S Evaluation of health care services 4.0

The minor subjects (The intermediate studies of didactics in Nursing Science 35.0)

352119A Planning the content and methods of instruction 5.0
 352121A Evaluation of instruction and learning 3.0
 352122A Educational administration and planning of instruction and learning 5.0
 352124A Teacher training 16.0
 352207A Evaluation of the impressiveness of healthcare education 3.0
 352208A Introduction to didactics of the Nursing Science 3.0

Optional studies 25 ECTS

General studies per semesters:

The following general studies are included in each degree programme:

Semester 1.

350001Y Study planning and tutorial 1.0
 350003Y Philosophical foundations for scientific research 6.0
 350005Y Statistics 3.0
 900007Y Elements of written communication 2.0
 350006Y Informatics in health science 2.0
 350008Y Academic learning skills 3.0

Semester 2.

350001Y Study planning and tutorial 0,5
 350006Y Statistics 3.0
 902008Y English or some other foreign language 3.0
 350007Y Applied statistics and ADP 5.0

Semester 3.

350001Y Study planning and tutorial 0,5
 900008Y Elements of oral communication 2.0
 901007Y Swedish 3.0

Nursing science studies per semesters

Semester 1.

350008 P Research methods* 2.0
 351101P Introduction to nursing science 5.0

Semester 2.

352315A Health Care Today 5.0
 352107A Research methods I 4.0
 352310A Ethics and Philosophy of nursing 5.0

Semester 3.

352114A Bachelor's thesis & Written maturity test 10.0
 352221A Theory development and evaluation 5.0

Semester 4.

353203S Research methods II 10.0
 353112S Evaluation of health care services 4.0

Semester 5.

353204S Research seminars 4.0
 353206S Pro gradu thesis 10.0
 353201S Advanced studies in nursing science 4.0

Semester 6.

353201S Advanced studies in nursing science 4.0
 353204S Research seminars 4.0
 353206S Pro gradu thesis 10.0

Semester 7.

353206S Pro gradu thesis 10.0
 353205S written maturity test

Assessment of studies

Bachelor's and Master's thesis

For the Bachelor's degree student will establish Bachelor's thesis that relates to his/her major subject. For the Master's degree student will establish Master's thesis. Connected to the thesis work student must take a written maturity examination. It shows student's knowledge of the field of the thesis and also tests student's skills in Finnish or Swedish. Student does not have to prove his/her Finnish or Swedish skills in maturity for Master's thesis if he/she has done that in Bachelor's. Student has to prove his/her acquaintance with the field and subject of the thesis. The criteria for evaluating Bachelor's and Master's thesis can be seen from the web pages of Institute of Health Sciences.

Examination and assessment regulations

The studies that belong to the didactics of nursing science (60 credits) are evaluated using a scale from 0 to 5, or by pass/fail. If a study module is evaluated using a pass/fail scale, student must attain at least level 3 (good knowledge). The didactics of the nursing science (60 credits) are valued as average of study modules.

Study materials and way of performance are announced in the presentations of each module. Undone assignments have to be done during the next two semesters at the latest. In other case a study module must be carried out again. Further instructions or possible changes in performing the study modules are informed in the beginning of the module.

ECTS-departmental co-ordinator

Hannele Lukkarinen

Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

353201S: Advanced studies in nursing science (Nursing science II), 7 op
 352114A: Bachelor Thesis and Written Maturity Test, 6 op
 410067P: Basic course in education, 4 op
 900008Y: Basics of Oral Communication, 3 op
 900007Y: Basics of Written Communication, 2 op
 352110A: Clinical studies in nursing, 19 op
 352121A: Course in Evaluation, 5 op
 410068P: Didactics, 4 op
 352122A: Educational administration and planning of instructions, 5 op
 410071P: Educational philosophy, 4 op
 410069P: Educational psychology, 4 op
 902008Y: English, 3 op
 353112S: Evaluating of health services, 4 op
 352207A: Evaluation of the Impressiveness of healthcare education, 3 op
 352315A: Health Care Today, 3 op
 350006Y: Informatics of health sciences, 4 op
 352208A: Introduction to Didactics of Nursing Science, 5 op
 350008Y: Introduction to academic studies, 3 op
 410072P: Introduction to educational research, 5 op
 351101P: Introduction to nursing science, 5 op
 353206S: Master's thesis and thesis seminars, 30 op
 351301P: Methodological and theoretical basis of nursing, 9,5 op
 350003Y: Philosophical foundations for scientific research, 5 op
 352310A: Philosophy and ethic of nursing, 3 op
 352119A: Planning of the content and methods of instruction, 5 op
 360001Y: Psychology, 6 op
 360003Y: Public health science, 6 op
 351008P: Research methods (basic), 2 op
 352107A: Research methods I, 6 op
 353203S: Research methods II, 10 op
 353204S: Research seminars, 5 - 8 op
 901007Y: Second Official Language (Swedish), 3 op
 360002Y: Sociology, 6 op
 410070P: Sociology of education, 4 op
 350007Y: Statistical computing, 5 op
 350005Y: Statistics, 6 op
 350001Y: Study planning and tutorial, 1 - 3 op
 352124A: Teaching practice, 16 op
 352221A: Theory development and evaluation, 3 - 5 op
 353205S: Written maturity test, 0 op

Opintojaksojen kuvaukset

Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

353201S: Advanced studies in nursing science (Nursing science II), 7 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Isola Arja

Opintokohteen kielet: Finnish

ECTS Credits:

8 ECTS

Language of instruction:

Finnish

Timing:

3rd year autumn term

Learning outcomes:

After the course student:

- is able to analyse and criticise knowledge base of nursing science
- is able to apply knowledge of nursing science in nursing practice, in education of nursing and in management of nursing
- is able to assure audience the meaning of nursing science knowledge for health care and society nowadays and future

Contents:

Position and meaning of nursing science in health care and in society in national and international level. Applying knowledge of nursing science in nursing practice, in education of nursing and in management of nursing. Challenges of future in nursing science.

Learning activities and teaching methods:

Lectures 8h, active participation in group working 24h, independent working 178h and group exam 4h.

Recommended optional programme components:

All previous courses in nursing science

Recommended or required reading:

Meleis A.I. 2005. Theoretical Nursing: Development & progress. 3rd ed, rev.reprint J.B. Lippincott, Williams & Wilkins, Philadelphia. **McEwen M & Wills E.M.** 2002. Theoretical Basis for Nursing. Lippincott, Williams & Wilkins, Philadelphia. **Kim H.S.** The nature of theoretical thinking in nursing. 2nd ed. 2000. New York, NY Springer Publ. Company 2000. New scientific articles

You can check the literature availability at this [link](#)

Grading:

5-1 / Fail

Person responsible:

Professor in nursing science

352114A: Bachelor Thesis and Written Maturity Test, 6 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay352114A Bachelor Thesis 6.0 op

ECTS Credits:

10 ECTS

Language of instruction:

Finnish

Timing:

2nd year autumn term

Learning outcomes:

The student gets familiar with scientific writing and principles of scientific research. With this knowledge she/he can do written scientific research based on research literature or empirical data. The student is able to present the research with an oral or poster presentation.

Learning activities and teaching methods:

Individual studying

Recommended optional programme components:

Elementary course in research, Research methods in nursing science I.

Recommended or required reading:

Literature connected to research proposal.

Assessment methods and criteria:

Active participation. Written maturity test.

Grading:

Pass / Fail

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 kielet: Finnish

Leikkaavuudet:

ay410067P Basic course in education (OPEN UNI) 4.0 op

ECTS Credits:

4 ECTS

Language of instruction:

Finnish

Timing:

1st year

Learning outcomes:

After completion, the student

- understands the most important features of education as a science
- has a basic understanding of the history of education and its main areas of study.
- Grasps the basic concepts of education and pedagogy and associated issues
- Can relate the subareas of educational sciences with each other
- Can identify tasks in the practical and professional field and associated problem areas.

Contents:

Education...

- as a science, main areas and subareas
- basic concepts: development, civilisation, teaching, pedagogical activity
- history and development in Finland
- In practice
- Basics of professional growth and development
- Orientation to educational tasks in practice, and examining professional identity in teaching or other educational tasks.

Learning activities and teaching methods:

Lectures and other contact teaching 18h, and independent studies.

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:

Exam.

Grading:

pass/fail

Person responsible:

Eetu Pikkarainen

900008Y: Basics of Oral Communication, 3 op

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Language Centre

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay900008Y Basics of Oral Communication (OPEN UNI) 3.0 op

Ei opintojaksokuvauksia.

900007Y: Basics of Written Communication, 2 op

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Language Centre

Arvostelu: 1 - 5, pass, fail

Opettajat: Outi Mikkola

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay900007Y Basics of Written Communication (OPEN UNI) 2.0 op

Ei opintojaksokuvauksia.

352110A: Clinical studies in nursing, 19 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

352121A: Course in Evaluation, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS

Language of instruction:

Finnish

Timing:

2nd year autumn term (Department of Educational Sciences)

2nd year spring term (Institute of Health Sciences, Nursing science)

Learning outcomes:

Upon completion the student should be able to:

Use evaluation methods as a fundamental part of planning the curriculum and teaching. Be able to use evaluation when developing teaching and also as a tool in student counseling. Be capable of using different teaching and learning evaluation methods and be able to execute evaluation process.

Contents:

The evaluation of curriculum, studying, learning and teaching. The self-evaluation of the teacher as a part of the evaluation of teaching. The special questions of evaluation.

Learning activities and teaching methods:

Lectures 10 hours (will be planned in a collaboration with students, Department of Educational Sciences), workshops 16 hours (The Department of Health Education), small group and individual working 54 hours.

Recommended optional programme components:

Compulsory previous studies:

Major subject

41000P Basic studies of the Educational Sciences

352208A Introduction to didactics of the Nursing Science

352119A Planning the content of and methods of instruction

Recommended or required reading:

When applicable:

Puruskainen, T., Pirttimäki, S. & Karjalainen, K. (2005) Oppimisen arviointi. Itä-Suomen virtuaaliyliopisto ISVY. Internet-lähde <http://www.joensuu.fi/isvy/arviointimateriaali/> Päivitetty 5.12.2005.

Lyytinen, H.K. & Räisänen, A. (2005). Kehittämissuuntaa arvioinnista.

Koulutuksen arviointineuvoston julkaisuja 6. Internet-lähde:

http://www.edev.fi/img/portal/19/Julkaisu_nro_6.pdf

Also chosen scientific publications or scientific publications that are based on occupational practice.

Topical literature and research about the evaluation.

Assessment methods and criteria:

Participation to the teaching and workshops. Exam or essay (Department of Educational Sciences). The written group project (Institute of Health Sciences).

Grading:

The evaluation is based on a numeric evaluation in a 0-5 scale. The exam or essay (Department of Educational Sciences, 50%) and written group project (Institute of Health Sciences, 50%).

Person responsible:

The lecturer from Didactic Nursing Science. The lecturer from the Department of Educational Sciences.

410068P: Didactics, 4 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay410068P Didactics: (OPEN UNI) 4.0 op

ECTS Credits:

4 ECTS

Language of instruction:

Finnish

Timing:

1. year

Learning outcomes:

After completion the students

- understand the basic concepts related to learning and teaching, their theoretical foundations and significance in practice
- understand the learning process and its cognitive, motivational and social features.
- Recognize the teacher's role as a director/guider of learning and are familiar with new teaching models

- Are able to analyse the characteristics of a good learner in theory and in practice and are aware of how learning skills can be taught.

Contents:

- basic concepts related to learning and teaching, their theoretical foundations and significance in practice
- the learning process and its cognitive, motivational and social features.
- Theoretical foundations of guiding learning: the teacher's role as a director of learning and teaching models
- Principles of curricular 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

Learning activities and teaching methods:

Lectures and other contact teaching 18 h and independent studies.

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)

Kansanen, P. (2004) Opetuksen käsitemaailma.

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:

Exam.

Grading:

pass/fail

Person responsible:

Sanna Järvelä

352122A: Educational administration and planning of instructions, 5 op

Voimassaolo: 01.08.2006 -

Opiskelumuoto: Intermediate Studies

Laji: Practical training

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

Finnish

Timing:

2nd year autumn term (Part I)

2nd year spring term (Part II)

Learning outcomes:

Part I: Upon completion the student should be able to:

analyse organization, phases of development, administration system and operation of health care education. Be able to analyse laws concerning nursing teacher's work and health care education. Be able to describe principles of curriculum planning in health care education.

Part II: see Educational Administration (Department of Educational Sciences).

Contents:

Part I: Organization and administration system of health care education. Principles of curriculum planning. Work of nursing teacher's work Part II: see Educational Administration (Department of Educational Sciences).

Learning activities and teaching methods:

Part I: (3 ECTS): expert lectures and field excursion 4 hours, PBL-work 13 hours, independent work 64 hours.

Part II (2 ECTS): see Educational Administration (Department of Educational Sciences).

Recommended optional programme components:

Compulsory previous studies:

Major subject

41000P Basic studies of the Educational Sciences

352208A Introduction to didactics of the Nursing Science

Recommended or required reading:

Part I: The legislation concerning vocational and applied sciences of health care education. Curriculums of health care education. Topical literature. Part II: see Educational Administration (Department of Educational Sciences).

Assessment methods and criteria:

Part I: To take part actively to the PBL-working. Part II: see Educational Administration (Department of Educational Sciences).

Grading:

Pass/failed

Person responsible:

Lecturer of the didactics in nursing science

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 credits

Language of instruction:

Finnish

Timing:

1st year

Learning outcomes:

The students are familiar with the main areas of educational philosophy and how they give rise to educational problematisation and question formulation as well as research and results. The students are able to identify, analyse and solve ethical and philosophical problems in education and teaching work and are able to critically assess previously suggested solutions.

Contents:

- educational philosophy as an area of educational sciences
- the nature of philosophy as a science, philosophical questions and the most important sub-areas.
- Objectives in education
- Historically important trends in academic study of educational philosophy
- The ethical disposition of educational, schooling and teaching, and question formulation in pedagogical activity
- Educational philosophy and ethical perspectives as a platform for professional ethics in pedagogical activity.

Learning activities and teaching methods:

Lectures and other teaching 18 h, independent studies.

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:

Participation in lectures. Exam.

Grading:

pass/fail

Person responsible:

Jouni Peltonen

Other information:

For Early childhood education students this course is 3 ECTS; in addition to lectures they will complete 2 ECTS worth 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 credits

Language of instruction:

Finnish

Timing:

1st year

Learning outcomes:

- the student knows the central concepts and research areas and topics in educational psychology
- the student understands the special nature of educational psychology and can estimate the opportunities and limitations in applying it in educational work

Contents:

- the relationship between educational psychology and psychology, educational research and civilisation studies as well as other subareas of education
- object of research and basic concepts: growth, education, development and developmental processes, and psychological adulthood as a form of personal sophistication
- psychological theory of growth and development
- professional practice in educational psychology and its application in issues relating to growth and development

Learning activities and teaching methods:

Lectures and other teaching 18 h, independent studies

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.

Early Childhood Education students study one of the Lehtinen, E. books.Course material availability can be checked [here](#).**Assessment methods and criteria:**

Exam.

Grading:

pass/fail

Person responsible:

Hannu Soini

Other information:

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

902008Y: English, 3 op

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Language Centre

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

Leikkaavuudet:

ay902008Y Academic English (OPEN UNI) 3.0 op

Proficiency level:

B2/C1

Status:

Compulsory course

Required proficiency level:

Students are expected to have had English as their A1 or A2 language at school or have acquired equivalent skills.

ECTS Credits:

3 credits

Timing:

1st year spring term

Learning outcomes:

By the end of the course the students will have practiced the following skills

- extracting information, identifying main points and inferring meanings from the academic texts of the student's field of study by using appropriate reading techniques (skimming and scanning)
- recognizing discipline and culture-specific conventions (text-structures, grammatical patterns, phraseology and word formation), meanings and patterns in the academic texts of the target field
- detailed understanding and summarising of target field academic texts
- combining information from various academic sources, creating a synthesis, and assessing the sources used

Target group:

Students in the degree programs of nursing science, nursing teacher education and health administration

Recommended or required reading:

Information will be provided at the beginning of the course.

Assessment methods and criteria:

The course requirements include active participation in classroom work and completion of home assignments. Alternatively, an end-of-course examination may be offered.

Grading:

The evaluation scale is pass/fail.

Person responsible:

Riitta Sallinen

Other information:

An exemption exam will be offered on **November 28th, 2008 at 9-12 in lecture hall 101A (Aapistie 7)**. The exemption exam is voluntary and can be taken only once. Students sign up for the exam in **WebOodi** from November 17th - 24th. Students passed in this exam receive a completion mark for the course and need not participate in it. The students not exempted are required to attend the course.

Students sign up for the course in **WebOodi** from December 1st - 15th. (**sign up code 902008Y-01**)

Information on the time and place of the classes is provided on the home pages of the Department of Nursing Science and Health Administration.

353112S: Evaluating of health services, 4 op

Voimassaolo: 01.08.1990 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

4 ECTS

Language of instruction:

Finnish

Timing:

2nd year spring term

Learning outcomes:

The student gets familiar with different quality evaluation approaches, methods, concepts, and planning process of caring quality evaluation.

Contents:

Basics of quality evaluation, concepts of quality of service. Quality checks, evaluation and measuring.

Learning activities and teaching methods:

Lectures 10 hours and exam.

Recommended or required reading:

- 1) Lectures
- 2) Following recommendation: Sosiaali- ja terveydenhuollon laadunhallinta 2000-luvulle <http://www.stakes.fi/verkkojulkaisut/muut/laadunhallinta2000.pdf>
- 3) Articles: *Hudelson P, Cléopas A, Kolly V, Chopard P, Perneger T. 2008.* What is quality and how is it achieved? Practitioners' views versus quality models. *Quality and Safety in Health Care* 17:31-36. *Davis R E, Koutantji M, Vincent C A. 2008.* How willing are patients to question healthcare staff on issues related to the quality and safety of their healthcare? An exploratory study. *Quality and Safety in Health Care* 17:90-96
- 4) One book of following: *Laamanen K. 2005.* Johda suorituskykyä tiedon avulla. Laatu keskus Oy, Helsinki. *Mäkelä M, Kaila M, Lampe K & Teikari M (toim).* Menetelmien arviointi terveydenhuollossa. Duodecim, Helsinki. *Seppänen-Järvelä R. 1999.* Luottamus prosessiin. Kehittämistyön luonne sosiaali- ja terveysalalla. Stakes tutkimuksia 104. Helsinki. *Määttä S & Ojala T. 2002.* Tasapainoisen onnistumisen haaste. Johtaminen julkisella sektorilla ja balanced score card. Hallinnon kehittämiskeskus, Valtionvarainministeriö, Helsinki. *Lillrank P ym. 2004.* Keskeneräinen potilas: terveydenhuollon tuotannonohjaus. Talentum, Helsinki. *Lillrank P. 2003.* Laatuajattelu: Laadun filosofia, tekniikka ja johtaminen tietoyhteiskunnassa. Otava, Helsinki. *Øvretveit J. 2003.* Evaluating health interventions. An introduction to evaluation of health treatments, services, policies and organizational interventions. Open University Press, Buckingham

You can check the literature at this [link](#)

Assessment methods and criteria:

Participation in teaching and exam.

Grading:

1-5/ fail

Person responsible:

Lecturer in nursing science Satu Elo.

352207A: Evaluation of the Impressiveness of healthcare education, 3 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS

Language of instruction:

Finnish

Timing:

3th year autumn term

Learning outcomes:

Upon completion the student should be able to:

Use, analyze and interpret research of healthcare training, teaching and learning. Be able to make conclusions that are based on the field of healthcare research. Be able to make a teaching portfolio and evaluate own teaching merits by using developing evaluating principles.

Contents:

The impressiveness of healthcare training, teaching, learning and didactic. Teaching portfolio. The development of teaching-self.

Learning activities and teaching methods:

Lectures 3 hours, preparation for study circle 8 hours, study circle 4 hours, preparation for seminars 14 hours, seminar 7 hours and making a teaching portfolio 45 hours.

Recommended optional programme components:

Compulsory previous studies:

Major subject

41000P Basic studies of the Educational Sciences

352208A Introduction to didactics of the Nursing Science

352119A Planning the content of and methods of instruction

352121A Evaluation of instruction and learning

352124A Teacher training

352122A Educational administration and planning of instruction and learning

Recommended or required reading:

Current research.

Assessment methods and criteria:

Participation to the teaching and to the seminars and working as an opponent. A written group project. The construction of own teaching portfolio.

Grading:

The evaluation is based on a numeric grading in a 0-5 scale. The written group project assignment (50%) and teaching portfolio (50%).

Person responsible:

Lecturers of the didactics in nursing science

352315A: Health Care Today, 3 op

Voimassaolo: 01.08.2007 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Tarja Pölkki

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay352315A Health Care Today (OPEN UNI) 3.0 op

ECTS Credits:

5 ECTS

Language of instruction:

Finnish

Timing:

first year spring term

Learning outcomes:

Upon completion the student should be able to:

- know topical questions of health care, content of main concepts in health care
- participate in a discussion about topical questions of health care
- search the scientific information for topic of health care

Contents:

Current questions of health care

Learning activities and teaching methods:

Lectures and practice 16 hours, group-working 30 hours, self-working and written essays 89 hours.

Recommended or required reading:

Current national and international scientific articles (about 200 pages).

Assessment methods and criteria:

Participation in lectures and practice, group-working, written essays

Grading:

Pass / Fail

Person responsible:

Senior lectures in nursing science and health administration

350006Y: Informatics of health sciences, 4 op

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Pentti Nieminen

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS

Language of instruction:

Finnish

Timing:

First year autumn term

Learning outcomes:

The student is able to use electronic databases and information services in her/his studies at the University of Oulu.

Contents:

1. Use of workstations, 2. Data security, 3. Networks, 4. Information retrieval from internet, 5. Software applied in nursing studies, 5. Library services, 6. Electronic journals and 7. Medline, CINAHL, Medic and Web of Science databases.

Learning activities and teaching methods:

Lectures 6 hours, practise 15 hours and self-study.

Recommended or required reading:

List given during the course.

Assessment methods and criteria:

Written essay, participation in workgroups.

Grading:

Pass / failed

352208A: Introduction to Didactics of Nursing Science, 5 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS

Language of instruction:

Finnish

Timing:

1st year spring term

Learning outcomes:

Upon completion the student should be able to analyse her/his own learning theory/conception. Student should also be able to explain different learning styles, processes and teaching strategies as well as be able to identify the issues of teacher's ethics.

Contents:

The learning theories. The learning styles. The learning processes. Teaching strategies. The issues of teacher's ethics.

Learning activities and teaching methods:

Organized instruction 16 hours, online learning and independent work 65 hours.

Recommended optional programme components:

Compulsory previous studies:

Major subject

41000P Basic studies of the Educational Sciences

Recommended or required reading:

Tynjälä, P. 2002. Oppiminen tiedon rakentamisena: konstruktivistisen oppimiskäsityksen perusteita. Kirjayhtymä, Helsinki. Topical literature and researches.

Assessment methods and criteria:

To take part to the organized teaching and online learning. Written teamwork. Self-evaluation. Peer evaluation. Oral exam or essay.

Grading:

1-5/failed

Person responsible:

Lecturer of the didactics in nursing science

350008Y: Introduction to academic studies, 3 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS

Language of instruction:

Finnish

Timing:

1st year autumn term

Learning outcomes:

The student is able to assess himself as a student and a member of science community. He becomes conscious of the meaning of learning outcomes in planning his own studies. The student develops the readiness of writing and reading the academic writings. The student understands the ethical principles of students and teachers.

Contents:

Assessing own readiness of learning. The membership of faculty. Planning studies. Assessing reading and writing abilities. The ethical principles.

Learning activities and teaching methods:

Lectures, group working, web-based working and individual studying 80h.

Recommended or required reading:

Literature and articles, the Ethical Guidelines for Teachers and Students, University of Oulu.

Assessment methods and criteria:

Participating in lectures and accomplishing the tasks.

Grading:

Pass / Fail

410072P: Introduction to educational research, 5 op

Voimassaolo: 01.08.2005 -

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Faculty of Education

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay410072P Pedagogical Research Seminar (OPEN UNI) 5.0 op

Voidaan suorittaa useasti: Kyllä

ECTS Credits:

5 ECTS

Language of instruction:

Finnish

Learning outcomes:

After completion, the students should be able to recognize the different sub-sectors in educational sciences and how they relate to one another. The students will also familiarize themselves with the basics of educational research and academic writing.

Learning activities and teaching methods:

Lectures and other contact teaching 4h

Recommended or required reading:

Siljander, P. & Kivelä, A. (Eds) (2008). *Kasvatustieteen tila ja tutkimuskäytännöt: paradigmat katosivat, mitä jäljellä?*

Availability of course books can be checked online [link]

Assessment methods and criteria:

Literature/book exam, or written report on a topic agreed on with the course coordinator.

Grading:

pass/fail

Person responsible:

Jani Koskela

351101P: Introduction to nursing science, 5 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Isola Arja

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay351101P Nursing science I (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS

Language of instruction:

Finnish

Timing:

1st year autumn term

Learning outcomes:

After the course the student:

- is able to define what are science and scientific knowledge
- is able to describe the development of nursing science
- is able to tell the meaning of nursing science
- is able to describe the objectives of research, methodology and methods in nursing science
- is able to explain evidence based nursing practise
- is able to discuss about future of nursing science

Contents:

Science, scientific knowledge and nursing science. Meaning of nursing science. Nursing science and research. Objectives of nursing science, methodology of research and methods. Evidence based nursing practise. Future of nursing science.

Learning activities and teaching methods:

lectures 25 hrs, active participation in group working 12 hrs and writing essay independently 98 hrs

Recommended or required reading:

Eriksson K, Isola A, Kyngäs H, Leino-Kilpi H, Lindström U.Å, Paavilainen E, Pietilä A-M, Salanterä S, Vehviläinen-Julkunen K & Åstedt-Kurki P. 2007. Hoitotiede, Helsinki, WSOY.

Articles from Journal of Hoitotiede and international nursing science journals 100 pages

You can check the literature at [this link](#)

Grading:

5-1 / fail

Person responsible:

Professor in nursing science

353206S: Master's thesis and thesis seminars, 30 op

Opiskelumuoto: Advanced Studies

Laji: Diploma thesis

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: A,B,N,C,M,EX,L

Opintokohteen kielet: Finnish

ECTS Credits:

30 ECTS

Timing:

3rd year autumn term to 4th year autumn term

Learning outcomes:

The student is able to write the Master's thesis

Learning activities and teaching methods:

Individual study or pair work under supervision of 1-2 teachers.

Recommended optional programme components:

Elementary courses in research, Bachelor's thesis, research methods in nursing science I and II, Research Seminars.

Assessment methods and criteria:

The student writes pro gradu thesis or corresponding work. If the student have not taken part to the written maturity test in context of the Bachelor's thesis, the written maturity have to be performed. Student will get guidance app. three times.

Grading:

Approbatur - Laudatur

351301P: Methodological and theoretical basis of nursing, 9,5 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

350003Y: Philosophical foundations for scientific research, 5 op

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay350003Y Philosophical foundations for scientific research (OPEN UNI) 5.0 op

ECTS Credits:

6 ECTS

Language of instruction:

Finnish

Timing:

1st year autumn

Learning outcomes:

Upon completion the student know the most important traditions of philosophy, and their background, knows the philosophical principle of theory development in order to understand scientific methodological studies later.

Contents:

Philosophical foundations of science. Introduction to modern philosophical movements. Scientific concepts and theories. Goals and values of science.

Learning activities and teaching methods:

Lectures, 30 hour.

Recommended or required reading:

Lectures and two books of following:

- Sajama, Seppo. 1993. *Arkipäivän filosofiaa*. Hygieia, Helsinki.
- Salonen T. 2004. *Tieteenfilosofia*. Lapin yliopisto, Rovaniemi.
- Lehti R. 2005. *Tieten rannalla*. Otava, Keuruu.
- Meurman-Solin A (toim.) 2005. *Ihmistieteet tänään*. Gaudeamus, Helsinki.
- Hallamaa J (toim.). 2006. *Etiikkaa ihmistieteille*. Hakapaino, Helsinki.
- Alanen P ym. 2003. *Lääketiede ja tietenteoria*. Kirja-Aurora, Turku.
- Raatikainen 2004. *Ihmistieteet ja filosofia*. Gaudeamus, Helsinki.
- Niiniluoto I. 1997. *Johdatus tieteenfilosofiaan*. Otava, Helsinki.

You can check the literature availability at [this link](#)

Assessment methods and criteria:

Examination of lectures and literature.

Grading:

Pass / Fail

Person responsible:

Lecturer

352310A: Philosophy and ethic of nursing, 3 op**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Institute of Health Sciences**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

5 ECTS

Language of instruction:

Finnish

Timing:

1st year spring term

Learning outcomes:

Upon completion student knows basic theories, concepts and problems of philosophy and ethics of nursing thereby she/he can understand them from point of view of researcher, manager or teacher. Student knows her/his ethical development and get readiness to handle ethical problems.

Contents:

Aspects of nursing philosophy and ethics, goal of nursing. Moral models as a point of departure for tackling ethical questions in health care. Ethical and justice principals in nursing.

Learning activities and teaching methods:

Lectures 15 hour, literature based essay and seminars 10 hours.

Recommended or required reading:

Literature connected to the student's essay.

Assessment methods and criteria:

Literature based essay and participation in seminars.

Grading:

1-5/fail

Person responsible:
Lecturer of nursing science.

352119A: Planning of the content and methods of instruction, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS

Language of instruction:

Finnish

Timing:

2nd year spring term

Learning outcomes:

Upon completion the student should be able to:

- use theories concerning the curriculums and analyse the curriculums planning her/his own teaching.
- plan a concept map concerning the content and methods of her/his own teaching.
- construct learning collaboratively in organized instruction and online learning environment.
- give feedback and receive it.

Contents:

The theories concerning the curriculums. The curriculums. Concept mapping. The essentials of collaborative learning. Online learning environment.

Learning activities and teaching methods:

Organized instruction 17 hours, online learning and independent work 118 hours.

Recommended optional programme components:

Compulsory previous studies:

Major subject

41000P Basic studies of the Educational Sciences

352208A Introduction to didactics of the Nursing Science

Recommended or required reading:

Topical literature and researches concerning the content of teaching in teacher training, concept map and curriculum work. The curriculums.

Assessment methods and criteria:

To take part to the organized instruction and online learning. To construct three version of concept map concerning the content of her/his own teaching.

Grading:

Pass/failed

Person responsible:

Lecturers of the didactics in nursing science

360001Y: Psychology, 6 op

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

6 ECTS

Other information:

The course will be compensated by the students earlier degree.

360003Y: Public health science, 6 op**Opiskelumuoto:** General Studies**Laji:** Course**Vastuuyksikkö:** Institute of Health Sciences**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

6 ECTS

Other information:

The course will be compensated by the students earlier degree.

351008P: Research methods (basic), 2 op**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Institute of Health Sciences**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay351008P Research methods (basic) (OPEN UNI) 2.0 op

ECTS Credits:

2 ECTS

Language of instruction:

Finnish

Learning outcomes:

The student gets familiar with aims and principles of scientific research and she/he knows the phases of research process.

Contents:

Methodological foundations for scientific research.

Learning activities and teaching methods:

Independent studying

Recommended optional programme components:

If the student has studied this course in another context, e.g. health administration science, student has to study course 351303P Nursing Science Today 2 ECTS.

Recommended or required reading:

Hirsjärvi, S., Remes, P. & Sajavaara, P. 2009. Tutki ja kirjoita. 15th edition. Tammi, Helsinki.

Paunonen, M., & Vehviläinen-Julkunen, K. 1997. (edit.) Hoitotieteen tutkimusmetodiikka. WSOY, juva.

You can check the literature availability at [this link](#)**Assessment methods and criteria:**

Exam

Grading:

5-1/ fail

Other information:

The course is substituted to those students who have accomplished the university of applied sciences.

352107A: Research methods I, 6 op**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Institute of Health Sciences**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish

Leikkaavuudet:

ay352107A Research methods I (OPEN UNI) 6.0 op

ECTS Credits:

4 ECTS

Language of instruction:

Finnish

Timing:

1st year spring term

Learning outcomes:

The student gets familiar with methodological issues and the process of scientific research.

Upon completion the student should be able to:

- formulate a research problem and research purpose and design a research
- review and evaluate scientific literature
- design qualitative and quantitative research methods
- know main questions of reliability and validity
- take care of ethical considerations
- know how to write a research proposal

Contents:

The overview of research process, literature reviews, data collection, analysis of research data, reliability, addressing ethical issues, writing a research proposal.

Learning activities and teaching methods:

Lectures and practice 30 hours, group-working 15 hours, independent studying and exam 63 hours.

Recommended optional programme components:

Research methods (basic).

If the student has studied Research methods I in another context, e.g. Health administration science, Student has to study course 352224A Nursing Science - Health Care System.

Recommended or required reading:

Polit DF & Beck CT. 2004. Nursing research : principles and methods. 7th ed. Lippincott Williams & Wilkins, Philadelphia. Soveltuvien osin.

Topical scientific articles.

You can check the availability of literature at [this link](#)

Assessment methods and criteria:

Participation in exercises, working groups and exam.

Grading:

1-5/fail

Person responsible:

Senior lecturers

Other information:

No substitution by earlier studies

353203S: Research methods II, 10 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Tarja Pölkki

Opintokohteen kielet: Finnish

ECTS Credits:

10 ECTS

Language of instruction:

Finnish

Timing:

2nd year spring term

Learning outcomes:

Upon completion the student should be able to:

- know in deeply the features and methodological issues in quantitative and qualitative research

- know types/designs for nursing research and apply them in own research
- have a good command of the research process as a whole
- assess questions of reliability and validity and apply them in planning and implementing own research
- being aware of main questions of the ethical issues
- write a research proposal and research report

Contents:

Methodological issues in quantitative and qualitative research, types/designs for nursing research, phases of research process, reliability and validity assessment, ethical issues. Writing a research proposal and research report.

Learning activities and teaching methods:

Lectures and practice 50 hours, group-working 30 hours, independent studying and written essays 190 hours.

Recommended optional programme components:

Research methods (basic), research methods I, candidate thesis. No substitution by earlier studies.

Recommended or required reading:

Polit DF & Beck CT. 2008. Nursing Research. Generating and assessing evidence for nursing practice. Lippincott Williams & Wilkins, Philadelphia (in applied parts). Paunonen M & Vehviläinen-Julkunen K. (eds.) 1997.

Hoitotieteen tutkimusmetodiikka. WSOY, Helsinki (in applied parts). Janhonen & Nikkonen (eds.) Laadulliset tutkimusmenetelmät hoitotieteessä. WSOY. Helsinki (in applied parts). Topical literature and scientific articles.

You can check the literature availability at [this link](#)

Assessment methods and criteria:

Participation in exercises, group-working, written essay/examination.

Grading:

5-1/fail

Person responsible:

Senior lectures in nursing science and health administration

353204S: Research seminars, 5 - 8 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

8 ECTS

Language of instruction:

Finnish

Timing:

3rd year autumn and spring term

Learning outcomes:

Student can argue her/his research process. The student writes research proposal.

Contents:

The student participate on three public defence on doctoral thesis, she/he will write (1 page) rapport of each of them. Rapports are given to supervisor of the seminars. The student participates on two research seminars at department. Writing of research proposal.

Learning activities and teaching methods:

Lectures 30 hours.

Recommended optional programme components:

Finished courses: Candidate thesis, Research course and Research methods I and II.

Recommended or required reading:

Literature connected to research proposal.

Assessment methods and criteria:

Research proposal. Writing of three rapports of public defense. The participation of seminars.

Grading:

Pass / Fail

Person responsible:

Lecturer of nursing science

901007Y: Second Official Language (Swedish), 3 op

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Language Centre

Opintokohteen kielet: Swedish

Leikkaavuudet:

ay901007Y Second Official Language (Swedish) (OPEN UNI) 3.0 op

Ei opintojaksokuvauksia.

360002Y: Sociology, 6 op

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

6 ECTS

Other information:

The course will be compensated by the students earlier degree.

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:

After completion the student will be able to visualize:

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

Contents:

- central concepts in social sciences
- basic concepts and issues in educational sociology
- sociology of education: links to education and sociology
- the roles of socialization and education
- classic trends in the educational sociology: structuralism, conflict-theory and critical sociology, and socialization theory and interaction
- the Finnish education system: past, present and future

- education politics as a part of social politics
- theoretical and practical issues in educational sociology: school practices (interaction-based school class research), hidden curriculum, equality of education, identity, normality and deviation.

Learning activities and teaching methods:

Lectures and other teaching 18 h and independent study.

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

Grading:

pass/fail

Person responsible:

Veli-Matti Ulvinen

Other information:

In the early childhood education programme, this course consists of two parts, 01 and 02. Students can find more information on coursework and reading material in the relevant section of the course guide.

350007Y: Statistical computing, 5 op

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Pentti Nieminen

Opintokohteen oppimateriaali:

Uhari, Matti , , 2001, pakollinen

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay350007Y Applied statistics and ADP (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS

Language of instruction:

Finnish

Timing:

1st year spring term

Learning outcomes:

The student can design data collection, she/he can enter the data to computer and can use statistical software to analyze the data. The student is able to report results and can critically read research articles

Contents:

Basic concepts. Methods of basic statistical analysis and inference. Statistical software and their use.

Learning activities and teaching methods:

Lectures 12 hours, group work 21 hours.

Recommended or required reading:

Uhari M & Nieminen P. 2001. Epidemiologia ja biostatiikka. Duodecim.

Assessment methods and criteria:

Exam, written report about data analysis and participation in workgroups.

Grading:

Pass / Failed

Person responsible:

Pentti Nieminen, Ph.D., Faculty of Medicine

350005Y: Statistics, 6 op

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Maria Laukkala

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay350005Y Statistics (OPEN UNI) 6.0 op

ECTS Credits:

6 ECTS

Language of instruction:

Finnish

Timing:

First year autumn term

Learning outcomes:

Upon completion student get to know quantitative research planning process to get numeric observational data. Student is able to describe things which are examined by tables, figures and parameters. Student knows the principles of distribution and test theory and knows how to use statistic reasoning methods and models in quantitative data.

Contents:

The basic concept of statistic. Sampling methods. Observation matrix and scale. one-dimensional distribution and its parameters. Two-dimensional distribution and its interdependence numbers. Random variable and its distribution. Discrete variable and continuous variable. Statistical reasoning. Estimating, significant testing.

Learning activities and teaching methods:

Lectures 40 hours. Individual and group work 50 hours.

Recommended or required reading:

Karjalainen, A. & Laukkala, H. Luentomoniste 2008. Tilastollisen tutkimuksen perusteista.

Heikkilä, T. 1998. Tilastollinen tutkimus. Edita.

Helenius, H. 1989. Tilastollisten menetelmien perustiedot. Statcon Oy.

Läärä, E. & Lammi. 1989. Tilastotieteen perusteet lääketiedettä ja lähialoja varten. Luentomoniste. Kuopion yliopiston ylioppilaskunta.

You can check the literature availability at [this link](#)

Grading:

Pass / Fail

350001Y: Study planning and tutorial, 1 - 3 op

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS

Language of instruction:

Finnish

Timing:

1st year autumn term - 2nd year autumn term

Learning outcomes:

The student knows the structure and aims of health science education. The student will be able to plan his/her own studies.

Contents:

Introduction to university studies: the structure of the education, its aims and contents. Study methods, individual study plan and learning assessment.

Learning activities and teaching methods:

Information sessions, student tutoring, teacher tutoring, independent studying, and workshops.

Recommended or required reading:

Curriculum

Assessment methods and criteria:

Individual study plan and its continuous self assessment, participation in student tutoring, teacher tutoring and workshops. Individual study plan will be turned in to teacher tutor by the end of autumn term.

Grading:

Pass / fail

Person responsible:

Assistant and teacher tutors

352124A: Teaching practice, 16 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

16 ECTS

Language of instruction:

Finnish

Timing:

2nd year autumn and spring term

Learning outcomes:

Upon completion the student should be able to:

- Report, plan, execute and evaluate teaching.
- analyze and produce learning material.
- try out different educational methods and use research knowledge when teaching.
- evaluate own and others teaching.
- recognize a continuous follow up of the personal development.

Contents:

Curriculums. Reporting, planning and executing of the teaching. The self and peer evaluation. Teaching materials and teaching methods. The personal basic portfolio.

Learning activities and teaching methods:

The following of teaching and reporting for learning diary (30 hours), workshops and written assignments (80 hours), the written assignments of teacher training (100 hours), teaching (40 hours), peer evaluation (30 hours), familiarizing oneself with the literature (132 hours), making a basic portfolio (20 hours).

Recommended optional programme components:

Compulsory previous studies:

Major subject

41000P Basic studies of the Educational Sciences

352208A Introduction to didactics of the Nursing Science

Recommended or required reading:

The research and literature that relates to subject that student is going to teach. The research and literature of the educational science and the didactics of the nursing science.

Assessment methods and criteria:

Independent and group working in teacher training place. Self and peer evaluation. Contributing to workshops. The learning diary. Making a teaching basic portfolio. The overall plan for teacher training and the conclusion evaluation. The plans of teaching events.

Grading:

Pass/failed

Person responsible:

Lecturers of the didactics in nursing science

Other information:

The teacher training starts in the beginning of autumn term. The registration to the teacher training starts in the previous (spring) term (not later than 15.3.). The teacher training will be executed e.g. in polytechnics, welfare- and health institutions and further education institutions for healthcare personnel.

352221A: Theory development and evaluation, 3 - 5 op

Voimassaolo: 01.08.1990 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Kyngäs, Helvi Aulikki

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay352221A Theory development and evaluation (OPEN UNI) 3.0 op

ECTS Credits:

5 ECTS

Language of instruction:

Finnish

Timing:

2nd year autumn term.

Learning outcomes:

The student can analyse and evaluate nursing theories. The student can describe the most important phases of theory development.

Contents:

Structure of theory, strategies of theory development, the process of theory development and evaluation, history of theory development.

Learning activities and teaching methods:

Face to face teaching 15 hours including lectures and seminars. Independent work.

Recommended or required reading:

Lauri S. & Kyngäs. H. 2005. Hoitotieteen teorian kehittäminen. WSOY. · McEwen, M. & Wills, E.M. Theoretical basis for nursing. Second Edition. Lippincott Williams & Wilkins 2007, pages 1-114, 224-272. PhD dissertation where is developed theory.

You can check the literature availability at [this link](#)

Assessment methods and criteria:

Written exam.

Grading:

5-1/ Fail

Person responsible:

Professor in nursing science.

353205S: Written maturity test, 0 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.