

Opasraportti

LTK - Degree Programme in Nursing Science (2011 - 2012)

NURSING SCIENCE

Degree Programme in Nursing Science
Study Programme for Health Science Teachers

1. General descriptions

The main subject of the Degree programme in Nursing Science and Study Programme for Health Science Teachers is nursing science. Compulsory minor subject of the Study Programme for Health Science Teachers is didactics in nursing science.

The education is based on the Government Decree on University Degrees ([794/2004](#)).

Qualification awarded: Bachelor of Health Sciences (180 ECTS), Master of Health Sciences (120 ECTS)

Access to further studies: After completing the Master's degree, the student is eligible for applying for postgradual education (licentiate degree, doctoral degree).

Admission requirements: Prerequisite to study in a degree programme in Nursing Science is a previous degree of health care (post-secondary/polytechnic level), i.e. Bachelor of Health Care or equivalent.

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

Learning outcomes:

The knowledge goals for the degrees correspond to [the national framework for qualifications and other learning](#)

After having obtained the degree of Bachelor of Health Sciences students

- are able to provide a comprehensive account of the knowledge base of nursing science, its key concepts, methods and principles and are able to assess them critically
- are able to discuss the research field of nursing science and its relationship to other disciplines
- are able to solve complex problems in social and health care and in nursing science and are able to apply knowledge and find creative solutions
- are able to lead complex projects and to work independently in tasks requiring expertise in social and health care
- are able to make decisions in unforeseen operating environments
- are able to assess and develop their own competence and that of other persons and groups
- are able to communicate orally and in writing to audiences consisting of colleagues and the general public, in their mother tongue, as well as in the other official language spoken in Finland, and at least one foreign language
- have the competence for taking part in Master's degree programme in Health Sciences and for continuous learning

After having completed the degree of Master of Health Sciences students

- have extensive and highly specialised knowledge of nursing science concepts, theories and methods and are able to use them independently as basis of nursing science research
- are able to analyse critically issues of nursing science and closely related disciplines
- are able to solve demanding research and innovation problems in the field of social and health care
- are able to work independently in demanding expert positions in social and health care
- are able to manage and develop complex, unforeseen and new strategic approaches in the operating environment of social and health care
- are able to manage affairs and lead people, are able to plan the operation of other persons and groups and to draw conclusions of operation in the field of social and health care
- are able to communicate well both orally and in writing to audiences consisting of colleagues and the general public, and are capable of international communication and interaction in the other official language spoken in Finland, and at least one foreign language
- have the competence required for postgraduate studies in Health Sciences and for continuous learning

Students enrolled in the Degree Programme in Nursing Science major in nursing science and may choose any of the minor subjects available. Students enrolled in the Study Programme for Health Science Teachers major in nursing science. Compulsory minor subject of the Study Programme for Health Science Teachers is didactics in nursing science. The goal of the education is to educate experts for planning, development, instruction and management in social and health care.

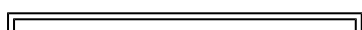
2. Course structure with ECTS credits

The ***Bachelor's degree*** consists of general studies (orientation and language studies, 60 cr), basic studies (25 cr) and intermediate studies (35 cr) in nursing science, and studies in minor subject(s) and optional studies (60 cr).

The ***Master's degree*** consists of advanced studies in nursing science (60 cr), and studies in minor subject(s) and optional studies (60 cr).

Some studies on Bachelor's level (parts of general studies, basic studies, and optional studies) are compensated for by previous studies, so that the Bachelor's degree can be completed in 1,5-2 years (full-time study).

Bachelor's degree (180 ECTS credits)



General Studies 60 credits

Orientation studies 52 credits

- 350001Y Study planning and tutorial 3.0
- 350003Y Philosophical foundations for scientific research 5.0
- 350006Y Informatics in health sciences 2.0
- 350030Y Basics of social and health care practice 40.0

Language and communication studies 8 credits

- 900007Y Elements of written communication 2.0
- 901007Y Swedish 3.0
- 902008Y Foreign language, English 3.0

Basic studies in Nursing Science 25 credits

- 351008P Research methods (basic) 2.0
- 350031P Theoretical basis of social and health care 23.0

Intermediate studies in Nursing Science 35 credits

- 352105A Health Care Today 3.0
- 352107A Research methods I 6.0
- 350005Y Statistic 6.0
- 350007Y Applied statistics and ADP 5.0
- 351101P Nursing science I 5.0
- 352114A Bachelor's thesis and written maturity test 10.0

Studies in minor subject and optional studies 60 credits

Students can select optional studies and minor subject studies according to their personal study plan. Credits admitted due to the previous health care degree: 15.0-35.0.

Compulsory minor subject for students of study programme for health science teachers:
Basic studies in didactics in nursing science 25.0

Master's degree (120 ECTS credits)

Advanced studies in Nursing Science 60 credits

- 352221A Theory development and evaluation 5.0
- 353201S Nursing science II 7.0
- 353203S Research methods II 10.0
- 353207S Research seminars and master's thesis 38.0

Studies in minor subject and optional studies 60 credits

Students can select optional studies and minor subject studies according to their personal study plan.

Compulsory minor subject for students of study programme for health science teachers:
Intermediate studies in didactics in nursing science 25.0

Clinical nurse specialist -studies 35.0

Research path -studies 35.0

3. Optional studies and minor subject studies

Optional studies and minor subject studies at the University of Oulu or other universities

Students may select optional courses from different disciplines at the University of Oulu or other universities according to their personal study plan.

Students may select courses from sources such as the health science university network [TerveysNet](#) or the national [JOOPAS web service](#) maintained by universities according to instructions. Students can also choose courses from the selection of the [UniPID \(Finnish University Partnership for International Development\) network](#).

Optional studies available in nursing science

352222A Gerontological nursing science, aging as a resource in community 8.0

353113S The effective patient education in nursing and nursing science 5.0

352228A Elective special research course 3.0 - 10.0

354202A Research ethics in health sciences 5.0

Didactics in nursing science

Learning outcomes:

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.

Admission requirements:

The right to study in the teacher training in health sciences (minor subject: didactics in nursing science) can be received in an entrance examination.

Study courses:

41000P The basic studies of educational science 25.0

352208A Introduction to didactics of the Nursing Science 3.0

352122A Educational administration 3.0

352119A Planning the content and methods of instruction 5.0

352121A Evaluation of instruction and learning 1.5

352124A Teacher training 6.0

352122A Educational administration 3.0
 352121A Evaluation of instruction and learning 1.5
 352124A Teacher training 10.0
 352207A Evaluation of the impressiveness of healthcare education 3.0

Clinical nurse specialist -studies

352225A Becoming a clinical nurse specialist 2.0
 352222A Gerontological nursing science, aging as a resource in community 8.0
 353113S The effective patient education in nursing and nursing science 8.0
 352208A Introduction to didactics of nursing science 6.0
 351145P Evaluation and development of the health care work unit 6.0
 351138P Legal aspects of health care 4.0
 352226A Practical training in clinical nursing 15.0

Research path -studies

354200A Becoming a researcher 2.0
 354201A Theoretical and methodological basis for research area 5.0
 354202A Research ethics in health sciences 5.0
 354203A Advanced methodological studies 8.0
 354204A Research training 15.0

Studies in occupational health care

Optional studies in occupational health care are organised in collaboration with Finnish Institute of Occupational Health. More information: university teacher Maria Kääriäinen.

4. Studies per semester

General studies:

Semester 1.

350001Y Study planning and tutorial 1.5
 350003Y Philosophical foundations for scientific research 5.0
 900007Y Elements of written communication 2.0
 350006Y Informatics in health science 2.0

Semester 2.

350001Y Study planning and tutorial 1,5
 902008Y Foreign language, English 3.0

Semester 3.

901007Y Swedish 3.0
 350006Y Informatics in health science 2.0

Basic, Intermediate and Advanced studies in Nursing Science:

Semester 1.

350008 P Research methods (basic) 2.0
 350006Y Statistics 3.0
 351101P Nursing science I 5.0

Semester 2.

352315A Health Care Today 3.0
 352107A Research methods I 6.0
 350006Y Statistics 3.0
 350007Y Applied statistics and ADP 5.0

Semester 3.

352114A Bachelor's thesis and written maturity test 10.0

Semester 4.

352221A Theory development and evaluation 5.0
 353203S Research methods II 10.0

Semester 5.

353207S Research seminars and Master's thesis 24.0
 353201S Nursing science II 7.0

Semester 6.

353207S Research seminars and Master's thesis 24.0

Semester 7.

353207S Research seminars and Master's thesis 10.0
 353205S Written maturity test

Didactics in nursing science:**Semester 1.**

41000P The basic studies of educational science 15.0

Semester 2.

41000P The basic studies of educational science 10.0
 352208A Introduction to didactics of the Nursing Science 3.0

Semester 3.

352122A Educational administration 3.0
 352119A Planning the content and methods of instruction 5.0
 352121A Evaluation of instruction and learning 1.5
 352124A Teacher training 6.0

Semester 4.

352122A Educational administration 3.0
 352121A Evaluation of instruction and learning 1.5
 352124A Teacher training 10.0

Semester 5.

352207A Evaluation of the impressiveness of healthcare education 3.0

Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

352122A-01: Administration of health education organisations, 3 op
 354203A: Advanced methodological studies, 8 op
 353201S: Advanced studies in nursing science (Nursing science II), 7 op
 352114A: Bachelor Thesis and Written Maturity Test, 6 op
 900007Y: Basics of Written Communication, 2 op
 352208A-01: Basics of didactics, 3 op
 350030Y: Basics of social and health care practice, 40 op

352225A: Becoming a clinical nurse specialist, 2 op
 354200A: Becoming a researcher, 2 op
 352121A: Course in Evaluation, 5 op
 352122A: Educational Administration, 5 op
 352122A-02: Educational administration, 2 op
 352228A: Elective special research course, 3 - 10 op
 902008Y: English, 3 op
 351145P: Evaluation and development of the health care work unit, 6 op
 352207A: Evaluation of the Impressiveness of healthcare education, 3 op
 352222A: Gerontological Nursing Science, Aging as a Resource in Community, 8 op
 352315A: Health Care Today, 3 op
 350006Y: Informatics of health sciences, 4 op

Compulsory

350006Y-01: Informatics of health sciences part 1, 2,5 op
 350006Y-02: Informatics of health sciences part 2, 1,5 op
 352208A-02: Introduction of nursing science, 3 op
 352208A: Introduction to Didactics of Nursing Science, 5 op
 351138P: Legal aspects of health care, 4 op
 351101P: Nursing science I, 5 op
 350003Y: Philosophical foundations for scientific research, 5 op
 352119A: Planning of the content and methods of instruction, 5 op
 352226A: Practical training in clinical nursing science, 15 op
 354202A: Research ethics in health sciences, 5 op
 351008P: Research methods (basic), 2 op
 352107A: Research methods I, 6 op
 353203S: Research methods II, 10 op
 353207S: Research seminars and Master's thesis, 38 op

Compulsory

353207S-01: Research seminars, 8 op
 353207S-02: Master's thesis, 30 op
 354204A: Research training, 15 op
 901007Y: Second Official Language (Swedish), 3 op
 901007Y-02: Second Official Language (Swedish), Oral Skills, 2 op
 901007Y-01: Second Official Language (Swedish), Written Skills, 1 op
 350007Y: Statistical computing, 5 op
 350005Y: Statistics, 6 op
 350001Y: Study planning and tutorial, 1 - 3 op
 352124A: Teaching practice, 16 op
 353113S: The effective patient education in nursing and nursing science, 8 op
 354201A: Theoretical and methodological basis for research area, 5 op
 350031P: Theoretical basis of social and health care, 23 op
 352221A: Theory development and evaluation, 3 - 5 op
 353205S: Written maturity test, 0 op

Opintojaksojen kuvaukset

Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

352122A-01: Administration of health education organisations, 3 op

Voimassaolo: 01.08.2006 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

354203A: Advanced methodological studies, 8 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

8 ECTS credits

Language of instruction:

Finnish and English

Timing:

According to individual plan.

Learning outcomes:

After completion of the course, students are able to analyse their chosen research method and are able to apply it in their research project.

Contents:

Special methodological features of the research method chosen.

Learning activities and teaching methods:

Reading literature on the research method. Working in small groups. Essay based on literature.

Recommended optional programme components:

In order to qualify for participation, students must have completed the following courses : Research course, Research methods I, Research Methods II, Bachelor thesis and Maturity essay.

Recommended or required reading:

Agreed individually for each student.

Assessment methods and criteria:

Written assignment.

Grading:

Pass / fail

Person responsible:

Professors / Doctoral candidate

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:

7 ECTS

Language of instruction:

Finnish

Timing:

3rd year autumn term

Learning outcomes:

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 151 h and group exam 4h.

Recommended optional programme components:

Research methods (basic), Research methods I, Bachelor's thesis, and Research methods II

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](#)

Assessment methods and criteria:

Participating actively in lectures and group working, oral group examination.

Grading:

1-5 / Fail

Person responsible:

Professor in nursing science

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

Opiskelumoto: 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:

Learning outcomes: After completing the course the student is able to write Bachelor's thesis based on research literature or empirical data according to principles of scientific research. The student is able to present the research.

Contents:

Planning, carrying on and evaluating the research process. Writing a Bachelor's thesis based on literature and/or empirical data.

Learning activities and teaching methods:

Individual studying, group guidance and seminar.

Recommended optional programme components:

350008P Research methods (basic) and 352107A Research methods I.

Recommended or required reading:

Literature related to the topic of the Bachelor's thesis.

Assessment methods and criteria:

Writing the Bachelor's thesis and presentating it. Written maturity test.

Grading:

Pass / Fail

Person responsible:

Doctoral candidate and lecturer

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

352208A-01: Basics of didactics, 3 op

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

350030Y: Basics of social and health care practice, 40 op

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

352225A: Becoming a clinical nurse specialist, 2 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS credits

Language of instruction:

Finnish

Timing:

The course is arranged during autumn term.

Learning outcomes:

After completion of the course, students are able to discuss the basis of clinical nursing science and the tasks of clinical nursing science specialist within social and health care organisations.

Contents:

Premises and special features of clinical nursing science. The significance and tasks of clinical nursing science specialist within social and health care organisation.

Learning activities and teaching methods:

Seminar, group work.

Recommended optional programme components:

In order to qualify for participation, students must have passed the following courses: Basic Studies in Nursing Science (25 ECTS credits) and Nursing Science I.

Recommended or required reading:

Current literature.

Assessment methods and criteria:

Accepted completion of seminar and group work, written assignment.

Grading:

Pass / fail

Person responsible:

Lectures

354200A: Becoming a researcher, 2 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

2 ECTS credits

Language of instruction:

Finnish or English

Timing:

The course is arranged during autumn term.

Learning outcomes:

After completion of the course, students are able to discuss the areas of emphasis and strategies of scientific research at Oulu University, the Medical Faculty and the Department of Health Sciences. They are also able to describe the phases of PhD thesis work and research as a career.

Contents:

Research and its strategic planning, main characteristics of research as a career, the aims and process of PhD thesis work.

Learning activities and teaching methods:

Seminar and group work.

Recommended or required reading:

Research strategies of the University, the Faculty and the Department of Health Sciences, and descriptions of nursing science research projects.

Assessment methods and criteria:

Acceptably completed seminar and group work.

Grading:

Pass / fail

Person responsible:

Professors / Doctoral candidate

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 term2nd year spring term**Learning outcomes:**

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:

Organized instruction 20 hours, collaborative and individual working 51 hours

Recommended optional programme components:

Compulsory previous studies:

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:

Topical literature and research about the evaluation.

Assessment methods and criteria:

To take part to the organized instruction and collaborative learning. A written collaborative project.

Grading:

The evaluation is based on a numeric evaluation in a 0-5 scale.

Person responsible:

The lecturer from Didactic Nursing Science.

352122A: Educational Administration, 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:****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.

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

Contents:

Part I: Organization and administration system of health care education. 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:

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

352122A-02: Educational administration, 2 op

Voimassaolo: 01.08.2006 -

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

352228A: Elective special research course, 3 - 10 op

Voimassaolo: 01.08.2010 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3-10 credits

Language of instruction:

Finnish or English

Timing:

According to a personal study plan.

Learning outcomes:

Learning outcomes: After completing the course the student is able to do a research according to a personal study plan following phases of a research process, and is able to write a research report.

Contents:

According to a personal study plan.

Learning activities and teaching methods:

Student plans an individual learning task with the responsible teacher.

Assessment methods and criteria:

According to a personal study plan.

Grading:

pass-fail

Person responsible:

Responsible person of the [research project](#).

Other information:

The course suits for bachelor's and master's degree studies as elective studies.

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

ECTS Credits:

3 credits

Person responsible:

Riitta Sallinen

Other information:

See description of part 1 ([902008Y-01](#)) and part 2 ([902008Y-02](#)).

351145P: Evaluation and development of the health care work unit, 6 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Marjo Suhonen

Opintokohteen oppimateriaali:

Paasivaara Leena, Suhonen Marjo, Virtanen Petri, , 2011

Paasivaara Leena, Suhonen Marjo, Nikkilä Juhani, , 2008

Virtanen, Petri , , 2007

Aro, Antti, , 2007

Ruuska, Kai , , 2006

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay351145P Evaluation and development of the health care work unit (OPEN UNI) 6.0 op

ECTS Credits:

6 ECTS

Language of instruction:

Finnish

Timing:

1st year spring term

Learning outcomes:

Learning outcomes: Students are able to apply concepts health care work community and it's development in a project plan. Students are able to name key challenges of health care projects. Students are able to desing a project in a group and a draft a project plan.

Contents:

he focal concepts in development of health care work community and the main themes of research. Project planning, implementation and evaluation.

Learning activities and teaching methods:

Lectures (schema learning and mindmapping) 6 hours, practical exercises 6 hours, projectwork and independent studying.

Assessment methods and criteria:

Lectures, participating seminars, projectplanwork.

Grading:

1-5/ Failed. Self-evaluation passed/failed, peer-review 50% and teacher evaluation 50%.

Person responsible:

Lecturer of Health management science

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:

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:

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

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 collaborative project. The construction of own teaching portfolio.

Grading:

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

Person responsible:

Lecturer of the didactics in nursing science

352222A: Gerontological Nursing Science, Aging as a Resource in Community, 8 op

Voimassaolo: 01.08.2008 -

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Isola Arja

Opintokohteen kielet: Finnish

ECTS Credits:

8 ECTS

Learning outcomes:

Students understand ageing as an experiential and communal phenomenon and are familiar with the key theories of ageing. Students are familiar with the development phases and key concepts of gerontological nursing science. Students recognise the key research areas and development needs of Finnish and international gerontological nursing science. Students have familiarised themselves with an area of gerontological nursing science research of their own choosing, its methodological and ethical issues and are able to recognise challenges of gerontological nursing science.

Contents:

Ageing from the point of view of the individual, the community and ageing theories. Gerontological nursing science and its key concepts. Finnish and international gerontological nursing science research.

Learning activities and teaching methods:

Lectures: 15 hours; seminars: 8 hours; completion of preliminary assignment, seminar thesis, independent and group work: 193 hours.

Recommended or required reading:

Current research articles and other literature separately agreed upon.

Assessment methods and criteria:

Participation in seminars, acceptable completion of preliminary assignment and seminar thesis, participation in group work

Grading:

pass / fail

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

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay352315A Health Care Today (OPEN UNI) 3.0 op

ECTS Credits:

5 ECTS

Language of instruction:

Finnish / English

Timing:

First year spring term

Learning outcomes:

Learning outcomes: Upon completion the course the student

- knows topical questions and background / basis of health care, and content of main concepts in health care
- is able to participate in a discussion about topical questions of health care
- is able to search the scientific information for topic of health care

Contents:

Current questions of health care

Learning activities and teaching methods:

Lectures and exercises 16 hours, group-working 20 hours, independent studying and written essay 45 hours.

Recommended or required reading:

Current national and international scientific articles.

Assessment methods and criteria:

Active participation in lectures and exercises, group-working, and writing an essay.

Grading:

Pass / Fail

Person responsible:

Senior lecturer

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:

4 ECTS

Language of instruction:

Finnish

Timing:

First year autumn term

Learning outcomes:

Learning outcomes: By the end of the course the student is able to:

- use information and communications technology resources in the University of Oulu,
- use workstations available in the Medical Faculty,
- apply basic software necessary in her/his studies,
- search research articles using basic literature retrieval methods,
- use bibliographic databases available in the Medical Faculty

Contents:

Use of workstations, data security, information services, information retrieval from internet, software applied in nursing studies, library services, electronic journals, Medline, CINAHL, Medic and RefWorks software.

Learning activities and teaching methods:

Lectures 6 hours, group lessons in computer class-room 36 h and completion of practical projects.

Recommended or required reading:

List given during the course.

Assessment methods and criteria:

Written essay, participation in workgroups.

Grading:

Pass / failed

Compulsory

350006Y-01: Informatics of health sciences part 1, 2,5 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: General Studies

Laji: Partial credit

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Pentti Nieminen

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

350006Y-02: Informatics of health sciences part 2, 1,5 op

Voimassaolo: 01.08.2011 -

Opiskelumuoto: General Studies

Laji: Partial credit

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Pentti Nieminen

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

352208A-02: Introduction of nursing science, 3 op

Opiskelumuoto: Intermediate Studies

Laji: Partial credit

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS credits

Language of instruction:

Finnish

Timing:

The course is arranged during autumn term.

Learning outcomes:

After completion of the course, students are able to describe the basic concepts of learning and teaching, views on learning and special features related to the learning process.

Contents:

Basic concepts of learning and teaching, views on learning and special features of the learning process.

Learning activities and teaching methods:

Independent work.

Recommended or required reading:

Current literature.

Assessment methods and criteria:

Written examination.

Grading:

Pass / fail

Person responsible:

University lecturer.

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:

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:

41000P Basic studies of the Educational Sciences

Recommended or required reading:

Topical literature and research

Assessment methods and criteria:

To take part to the organized teaching and collaborative learning. A written collaborative project. Self-evaluation. Peer evaluation. Exam or essay.

Grading:

1-5/failed

Person responsible:

Lecturer of the didactics in nursing science

351138P: Legal aspects of health care, 4 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Mirva Lohiniva-Kerkelä

Opintokohteen oppimateriaali:

Mikkola, , 2004

Lohiniva-Kerkelä, Mirva , , 2007

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay351138P Legal aspects of health care (OPEN UNI) 4.0 op

ECTS Credits:

4 ECTS

Language of instruction:

Finnish

Timing:

1st year spring term

Learning outcomes:

Learning outcomes: Students are able to define the legislation that regulates the production of health services. Students are able to define the judicial basics of the status of health care professionals as well as their rights and obligations. Students are also familiar with patients rights and understand their meaning from the viewpoint of legal assesment and responsibility of health care professional activities. Students are able to identify the means of legal protection available to patient.

Contents:

Production of health care services, obligations of health care professionals, control and responsibility, patient's status, rights and legal protection.

Learning activities and teaching methods:

Lectures 10 hours

Recommended or required reading:

1. Lohiniva-Kerkelä, M: Terveystenhuollon juridiikka. Talentum, Helsinki 2007.

Mikkola - Mikkonen - Suhonen - Kallio: Potilasvahinko: Lain sisältö ja soveltamiskäytäntö. Suomen vakuutusalan koulutus ja kustannus, Helsinki 2004.

2. Seuraavat säädökset niihin myöhemmin tehtyine muutoksineen:

Laki terveydenhuollon ammattihenkilöistä (564/1994)

Laki potilaan asemasta ja oikeuksista (785/1992)

Potilasvahinkolaki (585/1986)

Terveystenhuoltolaki (1326/2010)

Kansanterveyslaki (66/1972)

Erikoissairaanhoidolaki (1062/1989)

Mielenterveyslaki (1116/1990)

Laki yksityisestä terveydenhuollosta (152/1990)

Assessment methods and criteria:

Exam

Grading:

1-5/ Failed

Person responsible:

Lecturer

351101P: Nursing science I, 5 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Isola Arja

Opintokohteen oppimateriaali:

Eriksson, K., Isola, A., Kyngäs, H., Leino-Kilpi, H., Lindström, U., Paavilainen, E., Pietilä, A., Sa, , 2007, pakollinen

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:

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 an 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 or newer. Hoitotiede, Helsinki, WSOY.

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

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

Assessment methods and criteria:

Lectures, active participation in group working and writing an independent essay.

Grading:

1-5 / fail

Person responsible:

Professor in nursing science

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:

5 ECTS

Language of instruction:

Finnish

Timing:

1st year autumn

Learning outcomes:

Learning outcomes: The student will be able to respond to the scientific study of science with the philosophical issues that relate to information, science objectives and the nature of scientific thinking, and basis the study of human sciences.

Contents:

Philosophical foundations of science and philosophical study of basic concepts. Positivist and hermeneutical approach. Phenomenology. Knowledge interests. The basic starting points of scientific concept and theory formation, and scientific reasoning. Ethics of science.

Learning activities and teaching methods:

Lectures 20 hour and literature.

Recommended or required reading:

Lectures and following items:

- Salonen T. 2007 or later edition. *Tieteenfilosofia*. Lapin yliopisto, Rovaniemi.
- Raatikainen T. 2004 or later edition. *Ihmistieteet ja filosofia*. Gaudeamus, Helsinki.

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

Assessment methods and criteria:

Examination of lectures and literature. Lectures and book carried out as a whole.

Grading:

Pass / Fail. Pass the examination required that the student receives at least half of the answer issues, the maximum points.

Person responsible:

Lecturer

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:

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:

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:

Lecturer of the didactics in nursing science

352226A: Practical training in clinical nursing science, 15 op

Opiskelumuoto: Intermediate Studies

Laji: Practical training

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

15 ECTS credits.

Language of instruction:

Finnish

Timing:

According to individual plan.

Learning outcomes:

After having completed the course, students have acquired expertise based on research-oriented clinical nursing science, emphasising students' readiness to plan the development of operation of social and health care units and draw conclusions from it.

Contents:

Practical training is implemented in social and health care organisations in accordance with an individual plan.

Learning activities and teaching methods:

Drawing up an individual training plan in collaboration with the organisation where training takes place, its implementation and assessment. Practical training can also be done while on international student exchange. Drawing up an academic portfolio. Working in small groups.

Recommended optional programme components:

In order to qualify for participation, students must have completed the following courses: Basic Studies in Nursing Science (25 ECTS credits), Nursing Science I and Research Methods I, and Becoming a Clinical Nurse Specialist.

Recommended or required reading:

Current scientific articles. Current legislation on social and health care and strategic documents.

Assessment methods and criteria:

Acceptably completed group work, training plan, practical training, final report and academic portfolio.

Grading:

Pass / fail

Person responsible:

Lectures

354202A: Research ethics in health sciences, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS credits

Language of instruction:

Finnish and English

Timing:

The course is arranged during autumn term.

Learning outcomes:

After having completed the course, students are able to discuss key ethical issues related to health science research, recognise the norms of ethically sound research and are able to assess implementation of research from the point of view of research ethics.

Contents:

Good scientific practice, basic ethical requirements in research, researcher's responsibility, special ethics-related issues of health science research.

Learning activities and teaching methods:

Starting session, reading the literature and independent written essay.

Recommended or required reading:

One of the books listed below:

1. Etiikkaa ihmistieteille. 2006. Hallamaa, J. et al. (ed.) Suomalaisen Kirjallisuuden Seura, Tutkimuseettisen neuvottelukunnan julkaisuja, Hakapaino Oy, Helsinki. OR
2. The Handbook of Social Research Ethics. 2009. Mertens D.M. & Ginsberg, P.E. (eds.) Sage Publications, Ltd., California, USA. (as applicable).

Websites of [The National Advisory Board on Social Welfare and Health Care Ethics \(ETENE\)](#) and the [National Advisory Board on Research Ethics](#),

as well as current scientific articles in the area chosen by the student for the written assignment.

Assessment methods and criteria:

Participation in starting session, independent work and accepted completion of written assignment.

Grading:

Pass / fail

Person responsible:

Doctoral candidate / Lecturer

Other information:

The course of study is suited as part of free-choice studies for the degree of Bachelor and Master of Health Sciences.

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

Timing:

1st year autumn term

Learning outcomes:

Learning outcomes: After completing the course the student is familiar with aims and principles of scientific research and she/he is able to describe the phases of research process.

Contents:

The aims and principles of scientific research, and research process.

Learning activities and teaching methods:

Independent studying

Recommended or required reading:

Hirsjärvi, S., Remes, P. & Sajavaara, P. 2009. Tutki ja kirjoita. 15th edition. Tammi, Helsinki. Main chapters I and II.

Paunonen, M., & Vehviläinen-Julkunen, K. 1997. (edit.) Hoitotieteen tutkimusmetodiikka. WSOY, Juva. Chapters 1 and 2.

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

Assessment methods and criteria:

Literature examination.

Grading:

1-5 / fail

Person responsible:

Doctoral candidate

Other information:

The course is substituted to those students who have accomplished the degree in social and health care at 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 oppimateriaali:****Polit, Denise F. , , 2004, pakollinen****Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay352107A Research methods I (OPEN UNI) 6.0 op

ECTS Credits:

6 ECTS

Language of instruction:

Finnish / English

Timing:

1st year spring term

Learning outcomes:

Learning outcomes:

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

Upon completion the student:

- is able to formulate a research problem and research purpose and design a research
- is able to review and evaluate scientific research
- is able to design qualitative and quantitative research methods
- knows the requirements of a good scientific writing
- is able to evaluate ethical considerations
- is able to evaluate the basic criteria to assess the quality of quantitative and qualitative studies

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, independent studying and exam 130 hours.

Recommended optional programme components:

Research methods (basic).

Recommended or required reading:

Polit DF & Beck CT. 2008. Nursing Research. Generating and assessing evidence for nursing practice. Lippincott Williams & Wilkins, Philadelphia.

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

353203S: Research methods II, 10 op**Opiskelumuoto:** Advanced Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Language of instruction:

Finnish

Timing:

Second year spring

Learning outcomes:

Learning outcomes: Upon completion the course the student

- Is able to define in deeply the features and methodological issues in quantitative and qualitative research
- can choose and apply types and designs for nursing research in his / her own research
- has a good command of the research process
- is able to assess questions of reliability and validity and apply them in planning and implementing his / her own research
- can assess main questions of the ethical issues in research
- is able to write 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 50h (qualitative research, quantitative research, statistic), group-working 30h, independent studying and written essay 190h. Compulsory attendance is 80% in qualitative and quantitative lectures / exercises.

Recommended optional programme components:

Research methods (basic), research methods I, Candidate's 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). Janhonen & Nikkonen (eds.) Laadulliset tutkimusmenetelmät hoitotieteessä. WSOY. Helsinki (in applied parts). Current literature and scientific articles.

Assessment methods and criteria:

Participation in lectures and exercises, group work and written essay.

Grading:

1-5 / fail

Person responsible:

Senior lectures in health administration and nursing science

353207S: Research seminars and Master's thesis, 38 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

Compulsory

353207S-01: Research seminars, 8 op

Opiskelumuoto: Advanced Module

Laji: Partial credit

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:

Learning outcomes: Upon completion the course the student is able to argue his/her choices in research process concerning the research area and methodological issues, and can write an accepted research proposal.

Learning activities and teaching methods:

The student participates on three public defence on doctoral thesis, and writes a report (1 page) of each of them. Reports are given to supervisor of the seminars. The student participates on two research seminars at department and group-working. Writing of research proposal.

Recommended optional programme components:

Research methods (basic), Research methods I, Bachelor's thesis and Research methods II.

Recommended or required reading:

Literature connected to research proposal.

Assessment methods and criteria:

Research proposal. Writing of three reports of public defenses. The participation of seminars and group-working.

Grading:

Pass / fail.

Person responsible:

Lecturer.

353207S-02: Master's thesis, 30 op

Opiskelumuoto: Advanced Studies

Laji: Diploma thesis

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

30 ECTS

Language of instruction:

Finnish or English.

Timing:

3rd autumn term to 4th year autumn term.

Learning outcomes:

Learning outcomes: After completing the course 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. Thesis can be written also as a scientific article.

Recommended optional programme components:

Research methods (basic), Research methods I, Bachelor's thesis and Research methods II.

Assessment methods and criteria:

The student writes Master's thesis or does a comparable work. If the student has not written the maturity test related to the Bachelor's thesis, the written maturity test has to be written after Master's thesis. Participating in individual and group tutoring.

Grading:

1-5 / fail.

354204A: Research training, 15 op**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Institute of Health Sciences**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**ECTS Credits:**

15 ECTS credits

Language of instruction:

Finnish and English

Timing:

According to individual plan.

Learning outcomes:

After completion of the course, students are able to plan their own research projects in the area of their choice and draw conclusions from it.

Contents:

Training is implemented according to an individual plan within a research project. Individual task related to research project theme and methods.

Learning activities and teaching methods:

Drawing up an individual training plan in collaboration with instructor, its implementation and assessment. Practical training can also be done during international student exchange. Drawing up an academic portfolio. Working in small groups.

Recommended optional programme components:

In order to qualify for participation, students must have completed the following courses: Research course and Research Methods I.

Recommended or required reading:

Agreed individually for each student.

Assessment methods and criteria:

Completion of group work, training plan, practical training, final report and academic portfolio.

Person responsible:

Professors / Doctoral candidate

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.

901007Y-02: Second Official Language (Swedish), Oral Skills, 2 op**Voimassaolo:** 01.08.1995 -**Opiskelumuoto:** Language and Communication Studies**Laji:** Course**Vastuuyksikkö:** Language Centre

Opintokohteen kielet: Swedish

Leikkaavuudet:

ay901007Y-02 Second Official Language (Swedish), Oral Skills (OPEN UNI) 2.0 op

Ei opintojaksokuvauksia.

901007Y-01: Second Official Language (Swedish), Written Skills, 1 op

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Language Centre

Opintokohteen kielet: Swedish

Leikkaavuudet:

ay901007Y-01 Second Official Language (Swedish), Written Skills (OPEN UNI) 1.0 op

Ei opintojaksokuvauksia.

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:

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:

Statistical research. Planning of statistical computing. Data entry. Use of statistical software. Variable distributions. Variable transforms. Comparing groups. Repeated measurements. Correlation. Multivariate methods.

Learning activities and teaching methods:

Lectures 12 hours, group work 21 hours, a practical projects and home-works.

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 oppimateriaali:

Heikkilä, Tarja , , 2004, pakollinen

Helenius, Hans , , 1989, pakollinen

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:

Learning outcomes: Student is able to get numeric observational data and plan quantitative research process. Student is able to describe things which are examined by tables, figures and parameters. Student is able to use the principles of distributions and test theories and 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 probably 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 tutkinmus. 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

Opettajat: Hanna Tiirinki

Opintokohteen kielet: Finnish

ECTS Credits:

3 ECTS

Language of instruction:

Finnish

Timing:

1st academic year

Learning outcomes:

Learning outcomes: After completing the course the student is able to assess him-/herself as a student and a member of science community. The student recognizes the structure and aims of health science education and is able to plan his/her own studies. The student is able to evaluate the meaning of learning outcomes and learning strategies in planning his/her own studies. The student is able to describe the ethical principles of the university studies.

Contents:

Introduction to university studies: the structure, aims and content of the education. Student services at the University of Oulu. Study methods, individual study plan and learning assessment. The membership of a science community and ethical principles of the university studies.

Learning activities and teaching methods:

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

Recommended or required reading:

[Curriculum and study guide](#), web-pages of the [Faculty of Medicine](#) and [University of Oulu](#). [Ethical Guidelines for Teachers and Students](#).

Assessment methods and criteria:

Participation in student and teacher tutoring and workshops. Individual study plan and its continuous self assessment. Individual study plan will be prepared and returned to teacher tutor.

Grading:

Pass / fail

Person responsible:

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:

Learning outcomes: Upon completion the student should be able to:

- Report, plan, execute and evaluate teaching in welfare- and health institutions and clinical nursing environment.
- 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 in welfare- and health institutions and clinical nursing environment. The self and peer evaluation. Teaching materials and teaching methods. The personal learning diary and 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:

41000P Basic studies of the Educational Sciences

352208A Introduction to didactics of the Nursing Science

Recommended or required reading:

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

Assessment methods and criteria:

Independent and collaborative 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:

Lecturer 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 clinical nursing environment

353113S: The effective patient education in nursing and nursing science, 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:

Every second year

Learning outcomes:

Learning outcomes: A student can discuss the constructions, theories, process, documentation methods, learning and effectiveness in patient education. A student can create solution for problem concerning patient education. A student can assess collaborative learning.

Contents:

Constructions, theories, process, documentation, methods. Learning in patient education. Measuring outcomes and effectiveness of patient education.

Learning activities and teaching methods:

Lectures 25 hours, web-based and independent studies 191 hours.

Recommended or required reading:

Scientifically relevant literature in Finnish and in English.

Assessment methods and criteria:

Active participation in lectures and in collaborative online learning. Essays accepted.

Grading:

pass/ Fail

Person responsible:

Professor and senior lecturer in nursing science.

Other information:

Plans for composing the thesis of Bachelor's or Master's degree are optimal in taking the study course and joining the department's effective patient education research group.

354201A: Theoretical and methodological basis for research area, 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS credits

Language of instruction:

Finnish and English

Timing:

According to individual plan.

Learning outcomes:

After having completed the course students are able to discuss the topic of the research project and are able to apply the research methods they have chosen.

Contents:

Theme of research project and the research methods use.

Learning activities and teaching methods:

Reading literature on the research area and research methods. Working in small groups. Essay based on literature.

Recommended or required reading:

Assigned reading.

Assessment methods and criteria:

Acceptable completion of group work and essay.

Grading:

Pass / fail

Person responsible:

Profesors / Doctoral candidate

350031P: Theoretical basis of social and health care, 23 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Institute of Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay350031P Theoretical basis of social and health care (OPEN UNI) 23.0 op

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 oppimateriaali:

Lauri, Sirkka , , 2005, pakollinen

McEwen, M. & Wills, E.M, , 2002, pakollinen

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:

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

Assessment methods and criteria:

Student writes an essay in his/her native language about the topic of the Master's thesis to show a good command of the language and the content of the thesis. The abstract of the Master's thesis can be accepted as a maturity test if the student has written a maturity test earlier in Bachelor's degree. If the student's native language is another than Finnish or Swedish the Faculty will define separately the requirements for the language test.

Grading:

Pass / Fail

Person responsible:

The essay is examined first by the supervisor of the Master's thesis and then by the teacher of the university's Language Center.