Opasraportti

Open University - Health Sciences (2014 - 2015)

Tutkintorakenteisiin kuulumattomat opintokokonaisuudet ja -jaksot

ay352114A: Bachelor Thesis and Written Maturity Test (OPEN UNI), 6 op
ay351205P: Foundations of Health Care Education (OPEN UNI), 5 op
ay351207P: Foundations of Health Care Legislation (OPEN UNI), 5 op
ay351204P: Foundations of Philosophy and Research Methods in Health Sciences (OPEN UNI), 5 op
352232A: Health Administration Science, 10 op
ay352232A: Health Administration Science (OPEN UNI), 10 op
ay352315A: Health Care Today (OPEN UNI), 3 op
ayA791404: Health Education, Basic Studies (OPEN UNI), 25 op

Compulsory
ay402103P: Psychological Development of Children and Adolescents (OPEN UNI), 5 op
ay402951P: Basics of the Didactics of Health Education (OPEN UNI), 5 op
ay402956P: Introduction to Health Education Studies (OPEN UNI), 5 op
ay402956P: Improving Health Through Nutrition (OPEN UNI), 5 op
ayA791407: Health Education, Intermediate Studies (OPEN UNI), 35 op

Compulsory
ay402952A: School as a promoter of inclusion and life management of children and adolescents (OPEN UNI), 5 op
ay402953A: Advanced Course in the Didactics of Health Studies (OPEN UNI), 5 op
ay402957A: Drugs and Health (OPEN UNI), 5 op
ay402964A: Thesis (OPEN UNI), 5 op
ay402962A: Oral Health (OPEN UNI), 5 op
ay402959A: Supporting Sexual Growth and Development (OPEN UNI), 5 op
ay402958A: Physical Exercise in Promoting Health (OPEN UNI), 5 op
ayA544702: Health Management Science, intermediate studies (OPEN UNI), 36 op

Compulsory
ay352107A: Research methods I (OPEN UNI), 6 op
ay352114A-01: Seminars (OPEN UNI), 10 op
ay352215A: Health administration science II (OPEN UNI), 8 op

Compulsory
ay352215A-02: Health administration II, part 2 (OPEN UNI), 5 op
ay352215A-01: Health administration II, part 1 (OPEN UNI), 3 op
ay352147A: A multiprofessional management in health care (OPEN UNI), 8 op
ay352214A: Administrative law and public employment and labour law (OPEN UNI), 8 op
ay352146A: Training in administration (OPEN UNI), 6 op
ayA544701: Health Management Science, basic studies (OPEN UNI), 25 op

Compulsory
ay351008P: Research methods (basic) (OPEN UNI), 2 op
ay350005Y: Statistics (OPEN UNI), 6 op
ay351145P: Evaluation and development of the health care work unit (OPEN UNI), 6 op
ay351138P: Legal aspects of health care (OPEN UNI), 4 op
ay351137P: Health administration science I (OPEN UNI), 7 op
ay351137P-02: Health administration I, part 2 (Introduction to health administration) (OPEN UNI), 3,5 op
ay351137P-01: Health administration I, part 1 (OPEN UNI), 3,5 op
ay040404A: Health technology and rehabilitation (OPEN UNI), 5 op
ay402963A: Humans and Pharmaceuticals (OPEN UNI), 2 op
ay040012Y: Knowledge and Research (OPEN UNI), 3,5 op

Compulsory
ay040012Y-05: Statistical Methods, written examination (OPEN UNI), 1,5 op
ay040012Y-07: Statistical Methods, assignments (OPEN UNI), 1 op
ay040012Y-06: Statistical Methods, small group lessons (OPEN UNI), 1 op

351138A: Legal Aspects of Health Care, 3 - 5 op
ay351138A: Legal Aspects of Health Care (OPEN UNI), 5 op
352252A: Methods of Statistical Analysis in Health Sciences, 5 op

Compulsory
352252A-02: Methods of Statistical Analysis in Health Sciences II, 3,5 op
352252A-01: Methods of Statistical Analysis in Health Sciences I, 3,5 op
ay352252A: Methods of Statistical Analysis in Health Sciences (OPEN UNI), 5 op

Compulsory
ay352252A-01: Methods of Statistical Analysis in Health Sciences I (OPEN UNI), 3,5 op
ay352252A-02: Methods of Statistical Analysis in Health Sciences II (OPEN UNI), 3,5 op

352233A: Nursing Science, 10 op
ay352233A: Nursing Science (OPEN UNI), 10 op
ayA540301: Nursing Science, basic studies (OPEN UNI), 25 op

Compulsory
ay351008P: Research methods (basic) (OPEN UNI), 2 op
ay350031P: Theoretical basis of social and health care (OPEN UNI), 23 op

Compulsory
ay350031P-01: Nursing in social and health care (OPEN UNI), 6 op
ay350031P-04: Research of nursing science (OPEN UNI), 5 op
ay350031P-03: History of nursing (OPEN UNI), 6 op
ay350031P-02: Ethics in nursing (OPEN UNI), 6 op

ayA540302: Nursing Science, intermediate studies (OPEN UNI), 35 op

Compulsory
ay350005Y: Statistics (OPEN UNI), 6 op
ay350007Y: Applied statistics and ADP (OPEN UNI), 5 op
ay352221A: Theory development and evaluation (OPEN UNI), 3 - 5 op
ay352107A: Research methods I (OPEN UNI), 6 op
ay352114A-01: Seminars (OPEN UNI), 10 op
ay351101P: Nursing science I (OPEN UNI), 5 op

352231A: Philosophical Foundations of Health Sciences, 4 op
ay352231A: Philosophical Foundations of Health Sciences (OPEN UNI), 4 op
ayA551101: Preliminary Studies of Health Sciences (OPEN UNI), 25 op

Compulsory
ay351201P: Preliminary Studies of Health Sciences II: Foundations of Health Sciences (OPEN UNI), 15 op

Compulsory
ay351201P-01: Introduction to Health Sciences (OPEN UNI), 5 op
ay351201P-02: Professional Philosophy and Ethics in Social and Health Care (OPEN UNI), 3 op
ay351201P-03: Fundamentals of Research Methods in Health Sciences (OPEN UNI), 2 op
ay351201P-04: Foundations of Social and Health Care Education (OPEN UNI), 5 op
ay351202P: Preliminary Studies of Health Sciences: Foundations of Social and Health Care (OPEN UNI), 10 op

Compulsory
ay351202P-01: Social and Health Care Systems in Finland and Inter-professional Networking (OPEN UNI), 5 op
ay351202P-02: Foundations of Health Care Legislation (OPEN UNI), 5 op
ay352251A: Qualitative Research Methods in Health Sciences (OPEN UNI), 5 op
ayA549501: Rehabilitation Science (OPEN UNI), 25 op

Compulsory
ay040600P: Basic studies in rehabilitation (OPEN UNI), 5 op
ay040610P: Rehabilitation client groups, clientship and collaboration (OPEN UNI), 5 op
ay040618P: Usebility I (OPEN UNI), 5 op
ay040617P: Development and evaluation of rehabilitation science I (OPEN UNI), 5 op
ay040616P: The services of rehabilitation I (OPEN UNI), 5 op
352251A: Research Methods in Health Science, 5 op
Opintojaksojen kuvaukset

Tutkintorakenteisiin kuulumattomien opintokokonaisuuksien ja -jaksojen kuvaukset

ay352114A: Bachelor Thesis and Written Maturity Test (OPEN UNI), 6 op

Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuyksikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
352114A Bachelor thesis 6.0 op

Required proficiency level:
Student has to have completed the courses:
Qualitative Research Methods in Health Sciences 4 ECTS cr (352251),
Methods of Statistical Analysis in Health Sciences Part I 3.5 ECTS cr (352252A-01),
Methods of Statistical Analysis in Health Sciences Part II 3.5 ECTS cr(352252A-02).

ECTS Credits:
10 ECTS

Language of instruction:
Finnish

Timing:
Third year spring term

Learning outcomes:
Upon completion of the course the student is able to compile a Bachelor thesis based on scientific literature or empirical data according to the principles of scientific writing and research. Student is able to explain and discuss own research.

According to regulations of Government Decree on University Degrees (794/2004), Section 10, the student must demonstrate that he/she has attained the objectives set for the degree, studies and thesis and the language proficiency. The student must write a maturity essay which demonstrates conversance with the topic of the thesis and skills in the use of Finnish or Swedish.

Contents:
The planning of the research process, carrying out of the research and evaluation. Writing of a Bachelor thesis based on scientific literature and/or empirical data according to scientific principles. The students make their Bachelor thesis in their major subject / field of specialization. Written maturity test.

Mode of delivery:
Contact teaching

Learning activities and teaching methods:
Supervision, seminars and group work 16h, an opponent to other student 4h, reading and retrieving of the literature 100h, writing of thesis 138h, preparation for the test and maturity test 12h.

Target group:
Undergraduate health science students.

Recommended or required reading:
Literature related to the topic of the Bachelor's thesis.

**Assessment methods and criteria:**
Independent studying, supervision taking place in small groups and seminars, writing of the Bachelor thesis, presenting/discussing the thesis and a written maturity test.

**Grading:**
Pass / Fail

**Person responsible:**
Doctoral candidate

**Working life cooperation:**
No

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**ay351205P: Foundations of Health Care Education (OPEN UNI), 5 op**

**Voimassaolo:** 01.08.2015 -
**Opiskelumuoto:** Basic Studies
**Laji:** Course
**Vastuuysikkö:** Open University, Oulu
**Arvostelu:** 1 - 5, pass, fail
**Opetus suunnattu:** Open University, Oulu
**Opintokohteen kielet:** Finnish

Leikkaavuudet:
351205P  Foundations of Health Care Education  5.0 op

Ei opintojaksokuvauksia.

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**ay351207P: Foundations of Health Care Legislation (OPEN UNI), 5 op**

**Voimassaolo:** 01.08.2015 -
**Opiskelumuoto:** Basic Studies
**Laji:** Course
**Vastuuysikkö:** Open University, Oulu
**Arvostelu:** 1 - 5, pass, fail
**Opetus suunnattu:** Open University, Oulu
**Opintokohteen kielet:** Finnish

Leikkaavuudet:
351207P  Foundations of Health Care Legislation  5.0 op

Ei opintojaksokuvauksia.

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**ay351204P: Foundations of Philosophy and Research Methods in Health Sciences (OPEN UNI), 5 op**

**Voimassaolo:** 01.08.2015 -
**Opiskelumuoto:** Basic Studies
**Laji:** Course
**Vastuuysikkö:** Open University, Oulu
**Arvostelu:** 1 - 5, pass, fail
**Opetus suunnattu:** Open University, Oulu
**Opintokohteen kielet:** Finnish

Leikkaavuudet:
351204P  Foundations of Philosophy and Research Methods in Health Sciences  5.0 op

Ei opintojaksokuvauksia.
352232A: Health Administration Science, 10 op

Opiskelumuoto: Intermediate Studies
Laji: Course
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish
Leikkaavuudet:
ay352232A  Health Administration Science (OPEN UNI)  10.0 op

ECTS Credits:
9 ECTS cr
Timing:
spring term
Learning outcomes:
The students are able to analyze research relating to health management, its development and history so that they can formulate an essay based on their study. The student is able to build the framework of national and international health politics in the theme discussion.
Contents:
Health administration science as a research and study subject and the central concepts and approaches. The historical development of health care administration.
Mode of delivery:
Contact teaching.
Learning activities and teaching methods:
Lectures 8h, independent studying 53h and essay 60h; theme discussion groups 10h and independent studying 111h.
Target group:
Undergraduate health science students.
Recommended or required reading:
Relevant scientific literature, and literature on social and health care politics
Assessment methods and criteria:
An essay synthesizing foundational issues and a theme discussion carried out by students in groups. Essay 50% and theme discussions 50%.
Grading:
1-5/fail
Person responsible:
Professor

ay352232A: Health Administration Science (OPEN UNI), 10 op

Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
352232A  Health Administration Science  10.0 op

ECTS Credits:
9 ECTS cr
Timing:
Second year spring term
Learning outcomes:
The students are able to analyze research relating to health management, its development and history so that they can formulate an essay based on their study. The student is able to build the framework of national and international health politics in the theme discussion.
Contents:
Health administration science as a research and study subject and the central concepts and approaches. The historical development of health care administration.

Mode of delivery:
Contact teaching.

Learning activities and teaching methods:
Lectures 8h, independent studying 53h and essay 60h; theme discussion groups 10h and 111h independent studying.

Target group:
Undergraduate health science students.

Recommended or required reading:
Relevant scientific literature, and literature on social and health care politics

Assessment methods and criteria:
An essay synthesizing foundational issues and a theme discussion carried out by students in groups.

Grading:
1-5/fail. Essay 50% and theme discussions 50%

Person responsible:
Professor

ay352315A: Health Care Today (OPEN UNI), 3 op

Voimassaolo: 01.08.2012 - 31.07.2013
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
352315A Health Care Today 3.0 op

ECTS Credits:
5 ECTS

Language of instruction:
Finnish / English

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

Mode of delivery:
Contact teaching

Learning activities and teaching methods:
Participation to web based interaction 10 h and written work 71 h.

Target group:
Students in Degree program in nursing science, Teacher training program in health science, Degree program in health administration science, Degree program in radiography and Degree program in clinical laboratory science.

Prerequisites and co-requisites:
No

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.
Read more about assessment criteria at the University of Oulu webpage.

Grading:
Pass / Fail

Person responsible:
Senior lecturer
Working life cooperation:
No

ayA791404: Health Education, Basic Studies (OPEN UNI), 25 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Study module
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
A791404 Health Education, Basic Studies 25.0 op

Voidaan suorittaa useasti: Kyllä

ECTS Credits:
25 ECTS

Language of instruction:
Finnish

Timing:
1.-5. year

Learning outcomes:
Having completed the Basic Studies, the student identifies the individual, social and environmental factors connected with health, health behavior, health challenges and most common illnesses among all population groups, especially children and adolescents. The student also knows how to describe the meaning for health of the biological processes in the organs and of mental and social factors. S/he also knows how to apply the principles of subject didactics to promote the health of people in different ages, especially children and adolescents, and to reinforce their knowledge of health. S/he knows how to solve ethical issues connected with promotion of health and with health education, and knows how to explain both the individual and the community’s responsibility for healthy life.

Contents:
The module consists of the following courses:
Basics of Health Education (5 credits) – 402960P
Challenges of Mental Development among Children and Adolescents (5 credits) – 402103P
Nutrition in Promotion of Health (4 credits) – 402956P
Basics of Anatomy and Physiology (6 credits) – 402961P
Basics of the Didactics of Health Education (5 credits) – 402951P

Mode of delivery:
Face-to-face teaching

Learning activities and teaching methods:
Lectures, group work sessions

Target group:
Health Education minor subject students

Prerequisites and co-requisites:
no

Recommended optional programme components:
no

Recommended or required reading:
To be announced for each course specifically

Assessment methods and criteria:
participating in teaching, literal work, exams

Read more about assessment criteria at the University of Oulu webpage.

Grading:
pass/fail

Person responsible:
Eila Jeronen

Working life cooperation:
No
ay402103P: Psychological Development of Children and Adolescents (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

Learning outcomes:
The student knows how to
- identify the psychological way to think and apply it to consider the course of children's and adolescents' life
- distinguish between different viewpoints on the challenges of mental development and distinguish between the challenges of growth, learning and socialisation
- identify the main challenges to children's and adolescents' growth in different phases of their lives and understand the meaning of childhood and adolescence growth for later life and wellbeing
- explain mental disorders as disorders of growth, and identify the basic categories of mental disorders

Contents:
- mental growth and development, special features of growth in adolescence
- challenges of growth at different ages
- mental problems and disorders, mental health
- self-knowledge, mental balance, development of emotional life

Learning activities and teaching methods:
Online studies

Target group:
Minor subject students in all faculties

Prerequisites and co-requisites:
none

Recommended optional programme components:
none

Recommended or required reading:
The availability of the literature can be checked here.

Assessment methods and criteria:
Participation in teaching and independent written assignment
Read more about assessment criteria at the University of Oulu webpage.

Grading:
pass/fail

Person responsible:
Milla Merilehto

Working life cooperation:
None

ay402951P: Basics of the Didactics of Health Education (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:

402951P Basics of the Didactics of Health Education 5.0 op

ECTS Credits:
5 ECTS

Language of instruction:
Finnish

Learning outcomes:
- to take a comprehensive look at the individual and collective starting-points for health promotion and health education
- to choose contents and didactic teaching methods of health education from the perspective of reinforcing the community’s knowledge of health
- plan different learning environment, tools and learning materials and compare their applicability from the viewpoint of the achievement of goals for learning
- choose and plan forms, methods and ways of teaching that support the learner’s purposeful work and achievement of goals
- choose and plan various assessment methods and plan and implement the assessment
- explain the ethical responsibility associated with teaching

Contents:
Premises of health education
- the features of health-promoting individuals and communities
- health literacy
Planning as a pedagogical activity
- health education curriculum
- principles of planning, implementing, evaluating health education
Learning environments, tools and learning materials in support of the learner’s growth and development
- choice and significance of learning environments, tools and learning materials
- ICT in support of health education
Forms, methods and ways of teaching and their development
- the role and tasks of the teacher and learner
- different working methods
Assessment of teaching and learning
- principles, forms and development of assessment

Mode of delivery:
Online studies

Target group:
Minor subject students in all faculties
Prerequisites and co-requisites:
No
Recommended optional programme components:
No
Recommended or required reading:
You can check for the availability of course books here.

Assessment methods and criteria:
Participation in teaching and independent written assignment
Read more about assessment criteria at the University of Oulu webpage.

Grading:
pass/fail

Person responsible:
Kristiina Simojoki

Working life cooperation:
No

ay402961P: Basics of Anatomy and Physiology (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
402961P Basics of Anatomy and Physiology 5.0 op

ECTS Credits:
6 credits

Language of instruction:
Finnish

Learning outcomes:
Having completed the course, the student knows how to
- explain the structure and operation of eukaryotic cells
- explain the construction of tissue from different types of cell and matrix
- explain the structure and cooperation of different organ systems

Contents:
- structure of cells and tissue
- liquid states and electrolytes of the organism
- nervous system and sense organs
- hormones
- sensor and motor activity
- respiration
- blood circulation
- nutrition
- metabolism

Mode of delivery:
Online studies
Target group:
Minor subject student in all faculties

Prerequisites and co-requisites:
none

Recommended optional programme components:
Other courses in Health Education

Recommended or required reading:
OR
You can check for the availability of course books here.

Assessment methods and criteria:
Participation in teaching and independent written assignment
Read more about assessment criteria at the University of Oulu webpage.

Grading:
0-5

Person responsible:
Johanna Veijola

Working life cooperation:
None

ay402960P: Introduction to Health Education Studies (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetussuunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
402960P Introduction to Health Studies 5.0 op

ECTS Credits:
5 credits

Language of instruction:
Finnish

Learning outcomes:
The student knows how to
- explain the multidimensional nature of health and illness
- interpret central concepts connected with health
- choose starting-points for promotion of health from the perspective of his/her own life and professional activities

Contents:
- the multidimensional nature of health
- experience of health and illness
- the meaning of illness to the individual and near community
- health and close concepts
- promotion of health, ethics and philosophy of health promotion
- research, teaching and assessment of health promotion
- Finnish social and health care system
- current issues
Mode of delivery:
Online
Target group:
Minor subject students in all faculties
Prerequisites and co-requisites:
None
Recommended optional programme components:
Other courses in Health Education
Recommended or required reading:
Current studies and articles
Assessment methods and criteria:
Participation in teaching and independent written assignment
Read more about assessment criteria at the University of Oulu webpage.
Grading:
pass/fail
Person responsible:
Kristiina Simojoki
Working life cooperation:
None

ay402956P: Improving Health Through Nutrition (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opintosuunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
402956P Improving Health Through Nutrition 5.0 op

ECTS Credits:
4 credits
Language of instruction:
Finnish
Learning outcomes:
Objectives of the course:
- identify health eating habits and individual and social factors influencing ways to use food
- evaluate factors related to the promotion of healthy eating habits and weight control among differently aged people
- name national health problems caused by nutrition
- give examples of special diets
Contents:
- the possibilities and means of schools to promote good nutrition among schoolchildren
- promoting good nutrition among working-age people
- promoting good nutrition among old people living at home
Mode of delivery:
Online studies
Target group:
Minor subject students in all faculties
Prerequisites and co-requisites:
none

Recommended optional programme components:
Other courses in Health Education

Recommended or required reading:
The availability of the literature can be checked [here](#).

Assessment methods and criteria:
Participation in teaching and independent written assignment
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:
pass/fail

Person responsible:
Anna-Maria Keränen

Working life cooperation:
None

ayA791407: Health Education, Intermediate Studies (OPEN UNI), 35 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Study module
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
A791407 Health Education, Intermediate Studies 35.0 op

ECTS Credits:
35 credits

Language of instruction:
Finnish

Timing:
2.-5. year

Learning outcomes:
Having completed the subject studies, the student is able to explain factors related to the health and welfare, health behavior, health challenges and health promotion of different population groups, especially children and adolescents. The student also knows how to evaluate his/her ability to reinforce the health knowledge of children and adolescents and how to build the contents of health education teaching and learning in a goal-oriented way. S/he also knows how to evaluate their relationship to the promotion of health at school and to develop their own activities in promoting health.

Contents:
The module consists of the following courses:
Life Control and Drugs (4 credits) – 402957A
Physical Exercise in Promoting Health (3 credits) – 402958A
Mental Welfare and Interaction among Children and Adolescents (4 credits) – 402954A
Social Welfare of Children and Adolescents (4 credits) – 409252A
Supporting Sexual Growth And Development (3 credits) – 402959A
Oral Health (3 credits) – 402963A
Advanced Course in the Didactics of Health Education (6 credits) – 402953A
Thesis (6 credits) – 402964A
Mode of delivery:
Face-to-face and web-based teaching

Learning activities and teaching methods:
Lectures, group sessions, online studies, independent work

Target group:
Students pursuing studies in the minor of Health Education

Prerequisites and co-requisites:
Health education basic studies

Recommended optional programme components:
no

Recommended or required reading:
To be announced for each specific course

Assessment methods and criteria:
Participation in teaching, written work, participation in online discussions, learning assignments, exams

Read more about assessment criteria at the University of Oulu webpage.

Grading:
0-5

Person responsible:
Eila Jeronen

Working life cooperation:
No

Compulsory

ay402952A: School as a promoter of inclusion and life management of children and adolescents (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
402952A School as a promoter of inclusion and life management of children and adolescents
5.0 op

ECTS Credits:
4 ects

Language of instruction:
Finnish

Learning outcomes:
- understand the mechanisms that produce and maintain social and societal welfare
- explain how the social welfare of children and adolescents can be maintained and how exclusion can be prevented by different means of helping

Contents:
- social practices and action methods as factors that support welfare and expose to exclusion
- the viewpoint of life control to exclusion
- meaning of the family and school in supporting welfare and preventing exclusion
- challenges of educational cooperation and different means of helping

Mode of delivery:
Online studies

Target group:
Minor subject students in all faculties
Prerequisites and co-requisites:
Basic studies

Recommended optional programme components:
No

Recommended or required reading:
Availability can be checked [here](#).

Assessment methods and criteria:
1) learning assignments in preparation for the final report
2) online discussions on the above
3) final report
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:
0-5

Person responsible:
Veli-Matti Ulvinen

Working life cooperation:
No

ay402953A: Advanced Course in the Didactics of Health Studies (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:

402953A Advanced Course in the Didactics of Health Studies 5.0 op

ECTS Credits:
6 ECTS

Language of instruction:
Finnish

Learning outcomes:
- plan the contents and methods of teaching in health education in a goal-oriented way, taking into account different learners and the needs of the group
- build and reform teaching in health education and practices related to it from the viewpoint of developing the school
consider his/her educational and health awareness and abilities to promote health from the educational point of view
evaluate his/her ideas and activities as a health educator

Contents:
- the meaning of the worldview in health education
- development of the health education curriculum
- core content analysis and pupil analysis
- pedagogical approaches and related teaching methods
- learning materials in support of teaching and learning activities
- assessment of teaching and learning in general and in the matriculation examinations
- development of the school in promoting health

Mode of delivery:
Online studies

Target group:
Minor subject students

Prerequisites and co-requisites:
Basic studies

Recommended optional programme components:
No

Recommended or required reading:

Assessment methods and criteria:
Participation in teaching and literalwork
Read more about assessment criteria at the University of Oulu webpage.

Grading:
0-5

Person responsible:
Kristiina Simojoki

Working life cooperation:
No

ay402957A: Drugs and Health (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish

Leikkaavuudet:
402957A Drugs and Health 5.0 op

ECTS Credits:
4 ECTS

Language of instruction:
Finnish
Learning outcomes:
Having completed the course the student is able to
- name factors related to the connection between life control and drugs
- explain the connection between drug abuse and welfare

Contents:
- what drugs are
- how drugs influence
- why drugs cause addiction
- how it is cured

Mode of delivery:
Online studies

Target group:
Minur subject students

Prerequisites and co-requisites:
Basic Studies

Recommended optional programme components:
Other courses in Health Education

Recommended or required reading:

Internet links:
www.emcdda.europa.eu
www.a-klinikka.fi
www.jellinek.nl
www.kaypahoito.fi

The availability of literature can be checked here.

Assessment methods and criteria:
Participation in teaching and independent written work
Read more about assessment criteria at the University of Oulu webpage.

Grading:
0-5

Person responsible:
Minna-Liisa Myllylä

Working life cooperation:
None

ay402964A: Thesis (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
- 402964A Thesis 5.0 op

ECTS Credits:
6 credits
Language of instruction:
Finnish

Learning outcomes:
The student reports on her/his chosen special theme or topical issue related to heath promotion or health education at school.

Contents:
Written thesis based on literature or empirical data on health promotion or health education at school: writing, presenting and acting as a peer opponent. 
Alternatively, the student can design and implement a development project connected with the theme.

Mode of delivery:
Online studies

Target group:
Minor subject students

Prerequisites and co-requisites:
Basic Studies

Recommended optional programme components:
The thesis finalises the Intermediate Studies.

Recommended or required reading:
Literature studied for the thesis

Assessment methods and criteria:
Active participation in seminar work, writing a thesis or, alternatively, implementation of a development project, presentation of the thesis and acting as a peer opponent for another student's thesis
Read more about assessment criteria at the University of Oulu webpage.

Grading:
pass/fail

Person responsible:
Kristiina Simojoki

Working life cooperation:
None

ay402962A: Oral Health (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish
Leikkaavuudet:
402962A Oral Health 5.0 op

ECTS Credits:
3 credits

Language of instruction:
Finnish

Learning outcomes:
Having completed the course, the student knows how to
- explain the main features of the development of the teeth and occlusion and the main deviations in them
- identifies the most common illnesses that may endanger the health of the mouth
- name ways to prevent illnesses of and accidents to the mouth
• give examples of the main features of the treatment of deviations in occlusion and oral diseases

Contents:
• development of occlusion and the teeth, their deviations and treatment
• accidents of the mouth and teeth, their prevention and care
• main causes of oral diseases
• prevention and care of oral and dental diseases at different stages of life

Mode of delivery:
Online studies

Target group:
Minor subject students in all faculties

Prerequisites and co-requisites:
Basic Studies

Recommended optional programme components:
Other courses in Health Education

Recommended or required reading:
Other literature confirmed at the lecture.

Assessment methods and criteria:
Participation in teaching and independent written assignment
Read more about assessment criteria at the University of Oulu webpage.

Grading:
0-5

Person responsible:
Päivi Harju ja Leena Niskanen

Working life cooperation:
None
Mode of delivery: 
Online studies

Target group: 
Minor subject students in all faculties

Prerequisites and co-requisites: 
Basic Studies

Recommended optional programme components: 
Other courses in Health Education

Recommended or required reading: 
At [www.vaestoliitto.fi](http://www.vaestoliitto.fi): Seksuaaliterveyspoliittinen ohjelma (PDF) ja Seksualikasvatuksen standardit Euroopassa (PDF) 
Availability can be check here.

Assessment methods and criteria: 
Participation in teaching and independent written assignment 
Read more about assessment criteria at the University of Oulu webpage.

Grading: 
0-5

Person responsible: 
Paula Yliniemi

Working life cooperation: 
None

ay402958A: Physical Exercise in Promoting Health (OPEN UNI), 5 op

Voimassaalo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish
Leikkaavuudet:

402958A Improving Health through Exercise 5.0 op

ECTS Credits: 
3 credits

Language of instruction: 
Finnish

Learning outcomes: 
Having completed the course, the student knows how to 
- figure out the connections between physical activity, physical condition and health 
- hive examples of methods to measure physical activity and conditions 
- identify the meaning of physical exercise recommendations and physical exercise from the viewpoint of fostering mental health in different contexts

Contents: 
- the meaning of physical activity and condition for health 
- method to measure physical activity and condition 
- means to promote physical exercise in different contexts 
- current issues

Mode of delivery: 
Online studies
Target group:
Minor subject students in all faculties

Prerequisites and co-requisites:
Basic Studies

Recommended optional programme components:
Other courses in Health Education

Recommended or required reading:
Availability of the literature can be checked here.

Assessment methods and criteria:
Participation in teaching and individual written assignment
Read more about assessment criteria at the University of Oulu webpage.

Grading:
0-5

Person responsible:
Saila Romakkaneni

Working life cooperation:
None

ayA544702: Health Management Science, intermediate studies (OPEN UNI), 36 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Study module
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
A544702  Health Management Science, intermediate studies  37.5 op

Ei opintojaksojaksokuvauksia.

Compulsory

ay352107A: Research methods I (OPEN UNI), 6 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen oppimateriaali:
Polit, Denise F., 2004, pakollinen
Opintokohteen kielet: Finnish
Leikkaavuudet:
352107A  Research methods I  6.0 op
ECTS Credits:
6 ECTS

Language of instruction:
Finnish / English

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.

Mode of delivery:
Contact teaching

Learning activities and teaching methods:
Lectures and practice 30 hours, independent studying and exam 130 hours.

Target group:
Students in Degree program in nursing science, Teacher training program in health science, Degree program in health administration science, Degree program in radiography and Degree program in clinical laboratory science.

Prerequisites and co-requisites:
Please see the recommended optional programme components.

Recommended optional programme components:
Research methods (basic).

Recommended or required reading:
Topical scientific articles.

You can check the availability of literature at this link

Assessment methods and criteria:
Participation in exercises, working groups and exam.
Read more about assessment criteria at the University of Oulu webpage.

Grading:
1-5 / fail

Person responsible:
Senior lecturers

Working life cooperation:
No

ay352114A-01: Seminars (OPEN UNI), 10 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Partial credit
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
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.

Mode of delivery: Contact teaching

Learning activities and teaching methods: Individual studying, group guidance and seminar.

Target group: Students in nursing science and in health administration science.

Prerequisites and co-requisites: Please see the recommended optional programme components-

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 presenting it. Written maturity test. Read more about assessment criteria at the University of Oulu webpage.

Grading: Pass / Fail

Person responsible: Doctoral candidate and lecturer

Working life cooperation: No

ay352215A: Health administration science II (OPEN UNI), 8 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikko: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen oppimateriaali: Nouko-Juvonen, S., 2000
Heikkilä, Matti (3) . , 2005
Opintokohteen kielet: Finnish
Leikkaavuudet:
352215A Health administration science II 8.0 op

ECTS Credits:
8 ECTS

Language of instruction:
Finnish

Learning outcomes:
Learning outcomes: Students are able to analyse the approaches, methods and theories used in health administration science research. Students are able to develop their health administration knowledge base in a Learning Cafe' and by producing text.

Contents:
Topical questions of health administration science and essential research themes.

Learning activities and teaching methods:
Lectures 4h, Learning Cafe’ 6h, written work.

Recommended or required reading:
Topical research articles (international and national) and dissertations in health administration and other suitable academic dissertations.

Assessment methods and criteria:
Written work.
Read more about assessment criteria at the University of Oulu webpage.

Grading:
1-5 / Failed.

Person responsible:
Professor and lecturer of Health administration science.
ay352147A: A multiprofessional management in health care (OPEN UNI), 8 op

**Voimassaolo:** 01.08.2012 -
**Opiskelumuoto:** Intermediate Studies
**Laji:** Course
**Vastuuysikkö:** Open University, Oulu
**Arvostelu:** 1 - 5, pass, fail
**Opetus suunnattu:** Open University, Oulu

**Opintokohteen oppimateriaali:**

**Leikkaavuudet:**
- 352147A A multiprofessional management in health care 8.0 op

**ECTS Credits:**
- 8 ECTS

**Language of instruction:**
- Finnish

**Learning outcomes:**
Learning outcomes: Students are able to interpret challenging situations related to multiprofessional management in health care.

**Contents:**
Theories and basic concepts in health management.

**Learning activities and teaching methods:**
Lectures 10 hours. ArgueGraph 10 hours, independent study.

**Recommended or required reading:**

**Assessment methods and criteria:**
Participation in seminars, essay written as team work and individual essay.

**Grading:**
1-5/ Failed. Total grade: essay written as team work and individual essay both make up 50% of the grade.

**Person responsible:**
Professor, lecturer and doctoral candidate in Health administration science.

ay352214A: Administrative law and public employment and labour law (OPEN UNI), 8 op

**Voimassaolo:** 01.08.2012 -
**Opiskelumuoto:** Intermediate Studies
**Laji:** Course
**Vastuuysikkö:** Open University, Oulu
**Arvostelu:** 1 - 5, pass, fail
**Opetus suunnattu:** Open University, Oulu

**Opintokohteen oppimateriaali:**
Kulla, Heikki, 2003
Bruun, Niklas, 1995

Opintokohteen kielet: Finnish

Leikkaavuudet:
352214A  Administrative law and public employment and labour law  8.0 op

ECTS Credits:
8 ECTS

Language of instruction:
Finnish

Learning outcomes:
Learning outcomes: Upon completion the course the student:
- is able to analyze legal relations between government officials and citizen
- is able to define administrative decision making process and legal settings
- is able to define assumes basic concepts of administrative law needed in processing administrative matters.
- is able to define official- and labour law, gets general idea of conflicts regulation and settlement concerning service and collective bargaining contract.
- is able to define aware of solutions to conflicts concerning employment and contract of employment.

Contents:
Part I: Basic concepts of administrative law, basics of good governance, processing administrative matters and decision making, legal effects of administrative actions, qualifications and invalidity and enforcement and forces, citizens legal protection in administration.

Part II: Basics of official- and labour law, conflicts regulation and settlement concerning service and collective bargaining contract. Solutions to conflicts concerning employment and contract of employment.

Learning activities and teaching methods:
Lectures 30 hours.

Recommended or required reading:
Part I:
Sääädökset niihin myöhemin tehtyineen muutoksinen:
Perustuslaki, 2 luku, hallintolaki (6.6.2003/434)
Laki viranomaisten toiminnan julkisuudesta (21.5.1999/621)
Kuntalaki (17.3.1995/365)

Part II:
Regulations according to separate list.

Assessment methods and criteria:
Exam
Read more about assessment criteria at the University of Oulu webpage.

Grading:
1-5/failed.

Person responsible:
Lecturers

Other information:
No substitution by earlier studies

ay352146A: Training in administration (OPEN UNI), 6 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Learning outcomes: Students are able to define and delimit the area of social and health care according to their own objectives. Students have the competence to apply information gained from health administration science to management in social and health care and/or research and development work in social and health care by producing ideas for development.

Contents: Students train in healthcare settings according to their own individual plan.

Learning activities and teaching methods: Individual training and reflective report. Instructions in Optima.

Target group: Minor subject students.

Recommended optional programme components: Completion of basic studies in Health administration science is required.

Recommended or required reading: Topical research and books.

Assessment methods and criteria: Training and reflective report. Read more about assessment criteria at the University of Oulu webpage.

Grading: Passed/failed.

Person responsible: Doctoral candidate of Health administration science.

Other information: More details instructions in Optima (web). Registration via weboodi.

ayA544701: Health Management Science, basic studies (OPEN UNI), 25 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Study module
Vastuuylksikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
A544701 Health Management Science, basic studies 28.5 op

Ei opintojaksokuvauksia.

Compulsory
ay351008P: Research methods (basic) (OPEN UNI), 2 op

**Voimassaolo:** 01.08.2012 -

**Opiskelumuoto:** Basic Studies

**Laji:** Course

**Vastuuyksikkö:** Open University, Oulu

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

**Opiskelumuoto:** Open University, Oulu

**Opintokohteen oppimateriaali:**
Paunonen, M. & Vehviläinen-Julkunen, K., 1997, pakollinen

Hirsjärvi, Sirkka, , 2007, pakollinen

**Opintokohteen kielet:** Finnish

**Leikkaavuudet:**
351008P Research methods (basic) 2.0 op

**ECTS Credits:**
2 ECTS

**Language of instruction:**
Finnish

**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.

**Mode of delivery:**
Distance teaching

**Learning activities and teaching methods:**
Independent studying

**Target group:**
Students in Degree program in nursing science, Teacher training program in health science, Degree program in health administration science, Degree program in radiography and Degree program in clinical laboratory science.

**Prerequisites and co-requisites:**
No

**Recommended optional programme components:**
Part of the research studies

**Recommended or required reading:**


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

**Assessment methods and criteria:**
Literature examination.
Read more about assessment criteria at the University of Oulu webpage.

**Grading:**
1-5 / fail

**Person responsible:**
Doctoral candidate

**Working life cooperation:**
No
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.

ay350005Y: Statistics (OPEN UNI), 6 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: General Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:

350005Y  Statistics  6.0 op

ECTS Credits:
6 ECTS

Language of instruction:
Finnish

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.

Mode of delivery:
The course will be devided in two parts: I= Descriptive statics which will be teached on autumn term and
II= Reasoning statics which will be teached on spring term.

Learning activities and teaching methods:
Lectures 40 hours. Individual and group work 50 hours.

Target group:
Students in Degree program in nursing science, Teacher training program in health science, Degree
program in health administration science, Degree program in radiography and Degree program in clinical
laboratory science.

Prerequisites and co-requisites:

Recommended optional programme components:
This course need to be completed before attending to the course 350007Y Applied statistics and ADP.

Recommended or required reading:
Helenius, H. 1989. Tilastollisten menetelmien perustiedot. Statcon Oy,
yliopiston ylioppilaskunta.

You can check the literature availability at this link

Assessment methods and criteria:
Read more about assessment criteria at the University of Oulu webpage.
ay351145P: Evaluation and development of the health care work unit (OPEN UNI), 6 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen oppimateriaali:
Paasivaara Leena, Suhonen Marjo, Virtanen Petri, , 2011
Paasivaara Leena, Suhonen Marjo, Nikkilä Juhani, , 2008
Virtanen, Petri , , 2007
Aro, Antti, , 2007
Ruuksa, Kai , , 2006
Opintokohteen kielet: Finnish
Leikkaavuudet:
351145P Evaluation and development of the health care work unit 6.0 op

ECTS Credits:
6 ECTS

Language of instruction:
Finnish

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 design a project in a group and a draft a project plan.

Contents:
the 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.
Read more about assessment criteria at the University of Oulu webpage.

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

Person responsible:
Lecturer of Health management science

ay351138P: Legal aspects of health care (OPEN UNI), 4 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Course
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:

2. Seuraavat säädökset niihin myöhemmin tehtyine muutoksineen:
Laki terveydenhuollon ammattihenkilöistä (564/1994)
Laki potilaan asemasta ja oikeuksista (785/1992)
Potilasvahinkolaki (585/1986)
Terveydenhuoltolaki (1326/2010)
Kansanterveyslaki (66/1972)
Erikoissairaanhoitolaki (1062/1989)
Mielenterveyslaki (1116/1990)
Laki yksityisestä terveydenhuollosta (152/1990)

Assessment methods and criteria:
Exam
Read more about assessment criteria at the University of Oulu webpage.

Grading:
1-5/ Failed

Person responsible:
Lecturer

ay351137P: Health administration science I (OPEN UNI), 7 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Learning outcomes:
Student are able to analyze the research field of health administration sciences, its development and history so that they are able to compile an essay. Students are able to construct a national and international health policy frame in thematic discussion.

Contents:
Health administration science as an area of research area and a subject of study. Focal concepts and perspectives of health administration science. History of health care and its administration.

Learning activities and teaching methods:
Lectures 8 hours and thematic discussion groups 10 h.

Recommended or required reading:
Topical literature and material related to social and health policy.

Assessment methods and criteria:
Essay and thematic group discussion led by students. Read more about assessment criteria at the University of Oulu webpage.

Grading:
1-5/Failed.

Person responsible:
Juhani Nikkilä

Compulsory

ay351137P-02: Health administration I, part 2 (Introduction to health administration) (OPEN UNI), 3.5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Partial credit
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
351137P Health administration science I 7.0 op
ay351137P-01: Health administration I, part 1 (OPEN UNI), 3.5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Partial credit
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kiele: Finnish
Leikkaavuudet:

351137P-01 Health administration I, part 1 3.5 op

Ei opintojaksokuvauksia.

ay040404A: Health technology and rehabilitation (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kiele: Finnish
Leikkaavuudet:

040404A Health technology and rehabilitation 5.0 op

ECTS Credits:
5 ects.
Language of instruction:
Finnish.
Target group:
Open university students.
Prerequisites and co-requisites:
None.
Recommended or required reading:
Assessment methods and criteria:
Webcourse; web-lectures and readings, individual assignments on lecture themes and a written report on one selected theme.
Grading:
1-5 / failed.
Person responsible:
Professor Markku Alen.

ay402963A: Humans and Pharmaceuticals (OPEN UNI), 2 op

Voimassaolo: 01.01.2011 -
Opiskelumuoto: Intermediate Studies
Laji: Course
ECTS Credits:
2 credits

Language of instruction:
Finnish

Learning outcomes:
Having completed the course, the student knows how to
- explain the causes and drawbacks to using medicine and what kind of medicine is used today, what the impact of medicine is based on, what happens to medicine in our organism and what medicinal products are all about

Contents:
- medicine and medicinal products
- the stages of drugs in the organism, forms of dosage and means of effect
- anti-inflammatory medication and painkillers
- medicine used in the treatment of cardiovascular diseases
- medicines with an effect on the functions of the alimentary tract
- psychopharmaceutical drugs
- asthma and allergy medications
- narcotics and other medication with an effect on the central nervous system
- medicine with an effect on the endocrine system
- antimicrobial medications

Mode of delivery:
Online studies

Target group:
Minor subject students in all faculties

Prerequisites and co-requisites:
Basic Studies

Recommended optional programme components:
Other courses in Health Education

Recommended or required reading:
OR
The availability can be checked here.

Assessment methods and criteria:
Participation in teaching and an exam

Read more about assessment criteria at the University of Oulu webpage.

Grading:
0-5

Person responsible:
Risto Kerkelä

Working life cooperation:
None

ay040012Y: Knowledge and Research (OPEN UNI), 3,5 op

Voimassaolo: 01.08.2014 -
Opiskelumuoto: General Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:

040012Y   Knowledge and Research   3.5 op

Voidaan suorittaa useasti: Kyllä

ECTS Credits:  
10 ECTS

Timing:  
1 st and 2 nd year

Learning outcomes:  
Upon the completion of the studies the student is able to use the available resources of information technology at the University of Oulu, knows how to use the workstations and data communication available in the Medical Faculty independently, is able to utilize the library services and the most commonly used software in their study, and knows the fundamentals of scientific writing.

The student is familiar with the research process and with the characteristics of scientific information including an ability to obtain and process scientific information, and to report and apply the results especially in the fields of medicine, dentistry and health sciences.

The student knows the role of scientific publications, can use and evaluate information sources critically. The student will be able to search research articles using basic literature retrieval methods and to use bibliographic databases available at the Medical Faculty.

The student is familiar with statistical computing in the fields of medicine, dentistry and health sciences. Further, the student is able to analyze data with basic statistical methods, use basic statistical significance tests and inference methods, and evaluate critically scientific research reports.

Contents:
Information and communication technology:
Workstations, information security and confidentiality, networks, and the software needed in the study.
Guidelines for written assignments and word processing:
Structure of assignments and thesis, reporting of findings, tables and figures, citing and references.
Scientific information:
Principles of scientific research, study planning and study designs, ethics in research, research methods in the main disciplines (clinical medicine, epidemiology, biomedicine and health sciences).
Scientific communication:
Scientific journals, research articles, critical evaluation of research findings, ethics in scientific publication and bibliometrics.
Literature retrieval:
Library information systems, medical and dental publications, scientific online journals, Medline, Medic, CINAHL, Scopus, Cochrane Library, electronic books, reference management software.
Scientific communication, study planning, study designs, analyzing research data and reporting.
Special issues in medical research:
Ethics in research, regulations in clinical research and use of animals in scientific research, research groups.
Statistical methods:
Aims and phases of statistical research, planning statistical research, obtaining data, variable distributions (frequencies, graphs and statistics), basics in statistical inference and methods (estimates, significance tests and confidence limits), basic methods in comparing groups and estimating associations between variables, specific methods applied in medical research.

Mode of delivery:
Blended teaching

Learning activities and teaching methods:

1. lv (6,5 ECTS):
040012-01 (0,5 ECTS) Information and Communication Technology, lessons and small group lessons
040012-02 (1,5 ECTS) Information and Communication Technology, written assignment
040012-03 (0,5 ECTS) Scientific Communication, lessons and theme day
040012-04 (4,0 ECTS) Scientific Communication, small group lessons and assignments

2. lv (3,5 ECTS):
040012-05 (1,5 ECTS) Statistical Methods, lessons and written examination
040012-06 (1,0 ECTS) Statistical Methods, small group lessons
040012-07 (1,0 ECTS) Statistical Methods, practical project
Target group:
Medical, dental and medical wellness technology students

Prerequisites and co-requisites:
None

Recommended or required reading:
Material in lessons small group lessons.

Assessment methods and criteria:
Regular and active participation in the small group lessons and completion of practical projects. Written examination.

Read more about assessment criteria at the University of Oulu webpage.

Grading:
Pass/fail

Person responsible:
Senior lecturer Pentti Nieminen

Working life cooperation:
No

Compulsory

ay040012Y-05: Statistical Methods, written examination (OPEN UNI), 1,5 op

Voimassaolo: 01.08.2014 -
Opiskelumuoto: General Studies
Laji: Partial credit
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opettajat: Pentti Nieminen
Opintokohteen kielet: Finnish
Leikkaavuudet:
040012Y-05 Statistical Methods, written examination 1.5 op

ay040012Y-07: Statistical Methods, assignments (OPEN UNI), 1 op

Voimassaolo: 01.08.2014 -
Opiskelumuoto: General Studies
Laji: Partial credit
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
040012Y-07 Statistical Methods, assignments 1.0 op

ay040012Y-06: Statistical Methods, small group lessons (OPEN UNI), 1 op

Voimassaolo: 01.08.2014 -
Opiskelumuoto: General Studies
Laji: Partial credit
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
351138A: Legal Aspects of Health Care, 3 - 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Arvostelu: 1 - 5, pass, fail

Opintokohde: Finnish

Leikkaavuudet:

ay351138A Legal Aspects of Health Care (OPEN UNI) 5.0 op

ECTS Credits:
3 ECTS cr

Timing:
autumn term

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 patient’s rights and understand their meaning from the viewpoint of legal assessment 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.

Mode of delivery:
Contact teaching.

Learning activities and teaching methods:
Lectures 10h, independent studying 51h, preparation for exam and exam 23h.

Target group:
Undergraduate health science students.

Recommended or required reading:
Following legislations with applied changes during the period of time:
Decree on Health Care Professionals (564/1994)
Act on the Status and Rights of Patients (785/1992)
Potilasvahinkolaki (585/1986) – currently there is no translation of this document
Health Care Act (1326/2010)
Mental Health Act (1116/1990)
Laki yksityisestä terveydenhuollosta (152/1990) - currently there is no translation of this document

Assessment methods and criteria:
Written questioning, exam.

Grading:
1-5/pass

Person responsible:
Part-time teacher

ay351138A: Legal Aspects of Health Care (OPEN UNI), 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuysikkö: Open University, Oulu

Arvostelu: 1 - 5, pass, fail
Legal Aspects of Health Care

ECTS Credits:
3 ECTS cr

Timing:
Second year autumn term

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 patient’s rights and understand their meaning from the viewpoint of legal assessment 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.

Mode of delivery:
Contact teaching.

Learning activities and teaching methods:
Lectures 10h, independent studying 51h, preparation for exam and exam 23h.

Target group:
Undergraduate health science students.

Recommended or required reading:

Assessment methods and criteria:
Written questioning, exam.

Grading:
1-5/fail

Person responsible:
Part-time teacher Mirva Lohiniva-Kerkelä

Methods of Statistical Analysis in Health Sciences, 5 op

Opiskelumuoto: Intermediate Studies

Timing:
Part I Methods of Statistical Analysis in Health Sciences 3, 5 ECTS cr (352252A-01)
Timing: spring term
Part II Methods of Statistical Analysis in Health Sciences 3,5 ECTS cr (352252A-02)
Timing: autumn term

Compulsory

Methods of Statistical Analysis in Health Sciences II, 3,5 op

Opiskelumuoto: Intermediate Studies
Methods of Statistical Analysis in Health Sciences II (OPEN UNI) 3.5 op

ECTS Credits:
3,5 ECTS cr

Timing:
autumn term

Learning outcomes:
The students know the advanced statistical methods applied in analyzing research data in health sciences. The students are able to apply multivariable methods, especially regression models. The students are able to report the results of multivariable methods used in health science publications and recognize the issues involved in interpreting the results.

Contents:

Mode of delivery:
Contact teaching and group exercise.

Learning activities and teaching methods:
Lectures 16h, group exercise and home assignment 40h.

Target group:
Undergraduate health science students.

Prerequisites and co-requisites:
Student has to have completed the following parts of the course Knowledge Management and Research: 040012Y-05, 06, 07 and Methods of Statistical Analysis in Health Sciences: 352252A-01.

Recommended or required reading:
Lecture presentations and group work materials.

Assessment methods and criteria:
Final examination, accepted written assignments and participation in exercises.

Grading:
Pass/fail

Person responsible:
Associate Professor Pentti Nieminen

352252A-01: Methods of Statistical Analysis in Health Sciences I, 3,5 op

Opiskelumuoto: Intermediate Studies
Laji: Partial credit
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits:
3, 5 ECTS cr

Timing:
spring term

Learning outcomes:
Upon the completion of the studies the students are able to plan the collection of the data, to transfer the data into a computer processable form and are able to use statistical software and analyze observational
data. The students are able to apply the basic statistical methods in examining research problems in the field of health sciences. Additionally, the students are able to report research results and to recognize the issues important in interpreting the results.

Contents:

Mode of delivery:
Contact teaching and group exercise.

Learning activities and teaching methods:
Lectures 16h, group exercise and home assignment 40h.

Target group:
Undergraduate health science students.

Prerequisites and co-requisites:
Student has to have completed the following parts of the course Knowledge Management and Research: 040012Y-05, 06, 07.

Recommended or required reading:
Lecture presentations and group work materials.

Assessment methods and criteria:
Accepted written assignments and participation in exercises.

Grading:
Pass/fail

Person responsible:
Associate Professor Pentti Nieminen

ay352252A: Methods of Statistical Analysis in Health Sciences (OPEN UNI), 5 op

Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:

352252A Methods of Statistical Analysis in Health Sciences 5.0 op

Compulsory

ay352252A-01: Methods of Statistical Analysis in Health Sciences I (OPEN UNI), 3,5 op

Opiskelumuoto: Intermediate Studies
Laji: Partial credit
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish

Person responsible:
Docent Pentti Nieminen

ay352252A-02: Methods of Statistical Analysis in Health Sciences II (OPEN UNI), 3,5 op
352233A: Nursing Science, 10 op

Opiskelumuoto: Intermediate Studies
Laji: Course
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish

ECTS Credits: 9 ECTS cr
Timing: autumn term

Learning outcomes:
Upon completion of the course the student is able to define what science and scientific knowledge are and to describe the development, objects of research, approaches and types of research of nursing science. The student is able to discuss the future of nursing science. The student is able to analyse and evaluate nursing theories, and defines evidence based practice.

Contents:
Science, being scientific and nursing science. Nursing science and research. Development of nursing science, objectives of nursing science, approaching the object of research and types of research. Future of nursing science. Structure of theory, strategies of theory development, the process of theory development and evaluation. Evidence based practice.

Mode of delivery:
Multidimensional teaching methods.

Learning activities and teaching methods:
Contact teaching 40h, small group work supervised by teacher 10h, independent studying 75h and written assignment 98h.

Target group:
Undergraduate health science students.

Recommended or required reading:
PhD dissertation which develops a theory or articles related to theory development.
Other relevant scientific literature.

Assessment methods and criteria:
Active participation in lectures and group work. Written assignment.

Grading:
1-5/ fail

Person responsible:
Professor/ university lecturer
ay352233A: Nursing Science (OPEN UNI), 10 op

Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:

<table>
<thead>
<tr>
<th>ECTS Credits</th>
<th>9 ECTS cr</th>
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<tr>
<td>Timing</td>
<td>Third year autumn term</td>
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Learning outcomes:
Upon completion of the course the student is able to define what science and scientific knowledge are and to describe the development, objects of research, approaches and types of research of nursing science. The student is able to discuss the future of nursing science. The student is able to analyse and evaluate nursing theories, and defines evidence based practice.

Contents:
Science, being scientific and nursing science. Nursing science and research. Development of nursing science, objectives of nursing science, approaching the object of research and types of research. Future of nursing science. Structure of theory, strategies of theory development, the process of theory development and evaluation. Evidence based practice.

Mode of delivery:
Multidimensional teaching methods.

Learning activities and teaching methods:
Guided exercises 50h, working in small groups 20h, independent studying 75h and written assignment 98h.

Target group:
Undergraduate health science students.

Recommended or required reading:
Other relevant scientific literature.

Assessment methods and criteria:
Active participation in lectures and group work. Written assignment.

Grading:
5-1/fail

Person responsible:
Professor/ university lecturer

ayA540301: Nursing Science, basic studies (OPEN UNI), 25 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Study module
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:

| A540301 | Nursing Science, basic studies | 28.5 op |

Ei opintojaksokategoriä.
ay351008P: Research methods (basic) (OPEN UNI), 2 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetussuunnattu: Open University, Oulu
Opintokohteen oppimateriaali:
Paunonen, M. & Vehviläinen-Julkunen, K., 1997, pakollinen
Hirsjärvi, Sirkka., 2007, pakollinen
Opintokohteen kiele: Finnish
Leikkaavuudet:
351008P Research methods (basic) 2.0 op

ECTS Credits:
2 ECTS

Language of instruction:
Finnish

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.

Mode of delivery:
Distance teaching

Learning activities and teaching methods:
Independent studying

Target group:
Students in Degree program in nursing science, Teacher training program in health science, Degree program in health administration science, Degree program in radiography and Degree program in clinical laboratory science.

Prerequisites and co-requisites:
No

Recommended optional programme components:
Part of the research studies

Recommended or required reading:

You can check the literature availability at this link

Assessment methods and criteria:
Literature examination.
Read more about assessment criteria at the University of Oulu webpage.

Grading:
1-5 / fail

Person responsible:
Doctoral candidate

Working life cooperation:
No

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.

ay350031P: Theoretical basis of social and health care (OPEN UNI), 23 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
   350031P  Theoretical basis of social and health care  23.0 op

ECTS Credits:
23 ECTS

Language of instruction:
Finnish

Contents:
The course consists of four parts:
ay350031P-01 Nursing in social and health care (6 ECTS)
ay350031P-02 Ethics in nursing (6 ECTS)
ay350031P-03 History of nursing (6 ECTS)
ay350031P-04 Research of nursing science (5 ECTS)

Learning activities and teaching methods:
Independent studying

Assessment methods and criteria:
Literature examinations
Read more about assessment criteria at the University of Oulu webpage.

Grading:
Pass / Fail

Compulsory

ay350031P-01: Nursing in social and health care (OPEN UNI), 6 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Partial credit
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
   350031P-01  Nursing in social and health care  6.0 op

ECTS Credits:
6 ECTS

Language of instruction:
Finnish

Learning activities and teaching methods:
Independent studying

Recommended or required reading:
Lammi-Tastula J. (toim.). 2011. Sosiaali- ja terveydenhuollon perusteet. 7 ed. Helsinki, WSOYpro;

Assessment methods and criteria:
Literature examination.
Read more about assessment criteria at the University of Oulu webpage.

Grading:
Pass / Fail

ay350031P-04: Research of nursing science (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Partial credit
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:

350031P-04 Research of nursing science 5.0 op

ECTS Credits:
5 ECTS

Language of instruction:
Finnish

Learning activities and teaching methods:
Independent studying

Recommended or required reading:
The previous year's volume of Tutkiva hoitotyö magazine.

Assessment methods and criteria:
Literature examination
Read more about assessment criteria at the University of Oulu webpage.

Grading:
Pass / Fail

ay350031P-03: History of nursing (OPEN UNI), 6 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Partial credit
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:

350031P-03 History of nursing 6.0 op
ECTS Credits:
6 ECTS

Language of instruction:
Finnish

Learning activities and teaching methods:
Independent studying

Recommended or required reading:

Assessment methods and criteria:
Literature examination
Read more about assessment criteria at the University of Oulu webpage.

Grading:
Pass / Fail

ay350031P-02: Ethics in nursing (OPEN UNI), 6 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Partial credit
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:

ECTS Credits:
6 ECTS

Language of instruction:
Finnish

Learning activities and teaching methods:
Independent studying

Recommended or required reading:
Leino-Kilpi, H. & Välimäki, T. Etiikka hoitotyössä. 5.-6. eds., 2009 or 2010.

Assessment methods and criteria:
Literature examination
Read more about assessment criteria at the University of Oulu webpage.

Grading:
Pass / Fail

ayA540302: Nursing Science, intermediate studies (OPEN UNI), 35 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Study module
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
A540302 Nursing Science, intermediate studies 47.0 op

Ei opintojaksokuvauksia.

Compulsory

ay350005Y: Statistics (OPEN UNI), 6 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: General Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
  350005Y Statistics 6.0 op

ECTS Credits:
6 ECTS

Language of instruction:
Finnish

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:

Mode of delivery:
The course will be divided in two parts: I= Descriptive statics which will be taught on autumn term and II= Reasoning statics which will be taught on spring term.

Learning activities and teaching methods:
Lectures 40 hours. Individual and group work 50 hours.

Target group:
Students in Degree program in nursing science, Teacher training program in health science, Degree program in health administration science, Degree program in radiography and Degree program in clinical laboratory science.

Prerequisites and co-requisites:

Recommended optional programme components:
This course needs to be completed before attending to the course 350007Y Applied statistics and ADP.

Recommended or required reading:
You can check the literature availability at this link.

**Assessment methods and criteria:**
Read more about assessment criteria at the University of Oulu webpage.

**Grading:**
Pass / Fail

**Person responsible:**
Helena Laukkala

**Working life cooperation:**
Not included.

ay350007Y: Applied statistics and ADP (OPEN UNI), 5 op

**Voimassaolo:** 01.08.2012 -
**Opiskelumuoto:** General Studies
**Laji:** Course
**Vastuuysikkö:** Open University, Oulu
**Arvostelu:** 1 - 5, pass, fail
**Opetus suunnattu:** Open University, Oulu
**Opintokohteen oppimateriaali:**
Uhari, Matti, , 2001, pakollinen
**Opintokohteen kielet:** Finnish
**Leikkaavuudet:**
350007Y Statistical computing 5.0 op

**ECTS Credits:**
5 ECTS

**Language of instruction:**
Finnish

**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:**

**Mode of delivery:**
Blended teaching

**Learning activities and teaching methods:**
Lectures 12 hours, group work 21 hours, a practical projects and home-works.

**Target group:**
Students in Degree Program in Nursing Science, Teacher Training Program in Health Science and Degree Program in Health Administration science.

**Prerequisites and co-requisites:**
Participation prerequisites completion of the course 350005Y Statistics.

**Recommended optional programme components:**
This study unit is a part of studies in research methods.

**Recommended or required reading:**
Assessment methods and criteria:
Exam, written report about data analysis and participation in workgroups. Read more about assessment criteria at the University of Oulu webpage.

Grading:
Pass / Failed

Person responsible:
Pentti Nieminen, Ph.D., Faculty of Medicine

Working life cooperation:
No

ay352221A: Theory development and evaluation (OPEN UNI), 3 - 5 op

Voimassaolo: 01.08.2013 -
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen oppimateriaali:
Lauri, Sirkka, 2005, pakollinen
Opintokohteen kielet: Finnish
Leikkaavuudet:
352221A  Theory development and evaluation  3.0 op

ECTS Credits:
5 ECTS

Language of instruction:
Finnish

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.

Mode of delivery:
Contact and distance teaching

Learning activities and teaching methods:
Face to face teaching 15 hours including lectures and seminars. Independent work.

Target group:
Students of Degree program in nursing science and Teacher training program in health science

Prerequisites and co-requisites:
Please see the recommended optional programme components

Recommended optional programme components:
Part of the intermediate studies of the nursing science

Recommended or required reading:
You can check the literature availability at this link

Assessment methods and criteria:
Contact teaching 15 hours. Cooperative and independent studying.
Read more about assessment criteria at the University of Oulu webpage.

**Grading:**
5-1/ Fail

**Person responsible:**
Professor in nursing science.

**Working life cooperation:**
No

ay352107A: Research methods I (OPEN UNI), 6 op

- **Voimassaolo:** 01.08.2012 -
- **Opiskelumuoto:** Intermediate Studies
- **Laji:** Course
- **Vastuuysikkö:** Open University, Oulu
- **Arvostelu:** 1 - 5, pass, fail
- **Opetus suunnattu:** Open University, Oulu
- **Opintokohteen oppimateriaali:** Polit, Denise F., , 2004, pakollinen
- **Opintokohteen kielet:** Finnish
- **Leikkaavuudet:**
  - 352107A Research methods I 6.0 op

**ECTS Credits:**
6 ECTS

**Language of instruction:**
Finnish / English

**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.

**Mode of delivery:**
Contact teaching

**Learning activities and teaching methods:**
Lectures and practice 30 hours, independent studying and exam 130 hours.

**Target group:**
Students in Degree program in nursing science, Teacher training program in health science, Degree program in health administration science, Degree program in radiography and Degree program in clinical laboratory science.

**Prerequisites and co-requisites:**
Please see the recommended optional programme components.

**Recommended optional programme components:**
Research methods (basic).
Recommended or required reading:
Topical scientific articles.

You can check the availability of literature at this link

Assessment methods and criteria:
Participation in exercises, working groups and exam.
Read more about assessment criteria at the University of Oulu webpage.

Grading:
1-5 / fail

Person responsible:
Senior lecturers

Working life cooperation:
No

ay352114A-01: Seminars (OPEN UNI), 10 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Partial credit
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:

352114A-01 Seminars 0.0 op

ECTS Credits:
10 ECTS

Language of instruction:
Finnish

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.

Mode of delivery:
Contact teaching

Learning activities and teaching methods:
Individual studying, group guidance and seminar.

Target group:
Students in nursing science and in health administration science.

Prerequisites and co-requisites:
Please see the recommended optional programme components-

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 presenting it. Written maturity test.
Read more about assessment criteria at the University of Oulu webpage.

Grading:
Pass / Fail

Person responsible:
Doctoral candidate and lecturer

Working life cooperation:
No

ay351101P: Nursing science I (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen oppimateriaali:
Opintokohteen kielet: Finnish
Leikkaavuudet:
351101P Nursing science I 5.0 op

ECTS Credits:
5 ECTS

Language of instruction:
Finnish

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:

Mode of delivery:
Blended teaching

Learning activities and teaching methods:
Lectures 25 hrs, active participation in group working 12 hrs and writing an essay independently 98 hrs.

Target group:
Students of Degree programme in Nursing Science

Prerequisites and co-requisites:
No

Recommended optional programme components:
Is a part of basic studies in Nursing science
Recommended or required reading:
Articles from Journal of Hoitotiede and internationals 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.
Read more about assessment criteria at the University of Oulu webpage.

Grading:
1-5 / fail

Person responsible:
Professor in nursing science

Working life cooperation:
No

352231A: Philosophical Foundations of Health Sciences, 4 op

Opiskelumuoto: Intermediate Studies
Laji: Course
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish
Leikkaavuudet:
ay352231A  Philosophical Foundations of Health Sciences (OPEN UNI)  4.0 op

ECTS Credits:
4 ECTS cr
Timing:
autumn term

Learning outcomes:
The student will be able to respond to philosophical questions of research relating to information, objectives of science, the nature of scientific thinking, and the foundations of the study of human sciences.

Contents:
Philosophical foundations of science and the basic concepts of research from the point of view of the philosophy of science. Positivistic and hermeneutical approach. Phenomenology. Interests of knowledge. The foundations of scientific reasoning and of creating scientific concepts and theory.

Mode of delivery:
Contact teaching and group discussions.

Learning activities and teaching methods:
Lectures and group discussions15h, independent studying and writing of an essay 27h, reading of literature 46h, preparation for exam and exam 20h.

Target group:
Undergraduate health science students.

Recommended or required reading:
Lecture presentations and the following literature:

Assessment methods and criteria:
Active participation is required in contact teaching (80%) and group discussions (100%), independent studying, completion of given essay and taking part in an examination. This course unit utilizes continuous assessment.

Grading:
Pass/fail

Person responsible:
Part-time teacher

ay352231A: Philosophical Foundations of Health Sciences (OPEN UNI), 4 op
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish

Leikkaavuudet:

352231A Philosophical Foundations of Health Sciences 4.0 op

ECTS Credits:
4 ECTS cr

Timing:
Second year spring term

Learning outcomes:
The student will be able to respond to philosophical questions of research relating to information, objectives of science, the nature of scientific thinking, and the foundations of the study of human sciences.

Contents:
Philosophical foundations of science and the basic concepts of research from the point of view of the philosophy of science. Positivistic and hermeneutical approach. Phenomenology. Interests of knowledge. The foundations of scientific reasoning and of creating scientific concepts and theory.

Target group:
Undergraduate health science students.

Recommended or required reading:
Lecture presentations and the following literature:

Person responsible:
Part-time teacher

ayA551101: Preliminary Studies of Health Sciences (OPEN UNI), 25 op

Voimassaolo: 01.08.2014 -
Opiskelumuoto: Basic Studies
Laji: Study module
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish

Leikkaavuudet:
A551101 Preliminary Studies of Health Sciences 25.0 op

Ei opintojaksokuvauksia.

Compulsory

ay351201P: Preliminary Studies of Health Sciences II: Foundations of Health Sciences (OPEN UNI), 15 op

Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish

Leikkaavuudet:
ay351201P-01: Introduction to Health Sciences (OPEN UNI), 5 op

Opiskelumuoto: Basic Studies  
Laji: Partial credit  
Vastuuyksikkö: Open University, Oulu  
Arvostelu: 1 - 5, pass, fail  
Opetus suunnattu: Open University, Oulu  
Opintokoe: Finnish  
Leikkaavuudet:  
351201P-01 Introduction to Health Sciences 5.0 op

ECTS Credits:  
5 ECTS cr  
Timing:  
First year autumn term  
Learning outcomes:  
Student is able to use the online learning environment, study independently, and evaluate their own learning philosophy and learning style and process in health sciences. The student is able to define science and the various fields of science. The student is able to further explain the position of health sciences among the different fields of science. The student is capable of identifying current issues of research in health sciences in Finland and/or on an international level, in health care management/in nursing science/in health science teaching.

Contents:  
E-learning environment Optima, personal learning philosophy and style in health sciences. Identifying different areas of science and the position of health sciences among the different fields of science, current issues of research in health sciences and health care management.

Mode of delivery:  
Teaching in the e-learning environment Optima.

Learning activities and teaching methods:  
Independent studying, learning to manage the e-learning environment Optima 8h, reading literature and producing a mind map 19h, making a search of scientific literature and reading 85h, preparation for exam 20h and exam 3h.

Target group:  
Health science students without prior qualification in social and health care from an Institute of Nursing or University of Applied Sciences, or other universities, and/or Open University.

Recommended or required reading:  
E-learning environment provides materials for reading, relevant scientific literature.

Assessment methods and criteria:  
Active and independent study is required in the e-learning environment. Students actively read literature and produce a mind map, make a literature search and read scientific articles, e-learning exam. This course unit utilizes continuous assessment.

Grading:  
Pass/fail  
Person responsible:  
Doctoral candidate

ay351201P-02: Professional Philosophy and Ethics in Social and Health Care (OPEN UNI), 3 op
Opiskelumuoto: Basic Studies
Laji: Partial credit
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish
Leikkaavuudet:

351201P-02 Professional Philosophy and Ethics in Social and Health Care 3.0 op

ECTS Credits:
3 ECTS cr
Timing:
First year autumn term
Learning outcomes:
The student is able to define the philosophy, ethics and fundamental values of social and health care services. The student is able to identify the norms and ethical principles underlying the operation of health care, to recognize the central ethical issues in health care, is able to compare the effect of the norms and regulations arising from different cultural backgrounds on health care and patient care. The student is able to examine ethical decision making in the operational environment of social and health care.

Contents:
Ethical principles and professional ethics, examination of ethical questions from different perspectives and the effect of culture in social and health care.

Mode of delivery:
Teaching in the e-learning environment Optima.

Learning activities and teaching methods:
Reading of literature 40h, evaluating the received information and writing of the assignment 41h.

Target group:
Health science students without prior qualification in social and health care from an Institute of Nursing or University of Applied Sciences, or other universities, and/or Open University.

Recommended or required reading:

Assessment methods and criteria:
Active and independent studying is required in the e-learning environment. Students actively read literature and complete the writing assignment. This course unit utilizes final assessment based on written assignment.

Grading:
Pass/fail

Person responsible:
Doctoral candidate

ay351201P-03: Fundamentals of Research Methods in Health Sciences (OPEN UNI), 2 op

Opiskelumuoto: Basic Studies
Laji: Partial credit
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:

351201P-03 Fundamentals of Research Methods in Health Sciences 2.0 op
ECTS Credits:
2 ECTS cr

Timing:
First year autumn term

Learning outcomes:
Student is able to define Evidence Based Practice by linking research with practice. Student is able to define the general process of research planning and choosing of research method at the beginners’ stage. Student identifies the differences between qualitative and quantitative studies. Student recognizes the main principles of good scientific writing, and gains the ability in referencing.

Contents:

Mode of delivery:
Teaching in the e-learning environment Optima.

Learning activities and teaching methods:
Independent studying and reading in e-learning environment 40h, preparation for exam 12h, exam 2h.

Target group:
Health science students without prior qualification in social and health care from a University of Applied Sciences, or other universities, and/or Open University.

Recommended or required reading:

Assessment methods and criteria:
Active and independent studying is required in the e-learning environment. Students actively read literature. This course unit utilizes final assessment based on exam in the e-learning environment.

Grading:
Pass/fail

Person responsible:
University lecturer/doctoral candidate

ay351201P-04: Foundations of Social and Health Care Education (OPEN UNI), 5 op

Opiskelumuoto: Basic Studies
Laji: Partial credit
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
351201P-04 Foundations of Social and Health Care Education 5.0 op

ECTS Credits:
5 ECTS cr

Timing:
First year autumn term

Learning outcomes:
Student is able to classify the general principles of Finnish education and the programmes of the Finnish National Board of Education. The student is able to differentiate the Finnish Education
System (ISKED-classification), social and health care education system, main goals and strategies of the Finnish Ministry of Education and Culture, internationalism and co-operation. The student is able to justify their understanding of the subject in written home assignments.

Contents:
Social and health care education system. Education policy in Finland. Objectives and programmes of Finnish Education. Internationalization in Finnish higher education institutions. Legislation of Finnish higher education.

Mode of delivery:
Teaching in the e-learning environment Optima.

Learning activities and teaching methods:
Independent studying in the e-learning environment, reading of literature 77h, evaluating received information and writing assignments 58h.

Target group:
Health science students without prior qualification in social and health care from an Institute of Nursing or University of Applied Sciences, or other universities, and/or Open University.

Recommended or required reading:
Materials/reports of Ministry of Education and Culture, Academy of Finland, Finnish legislation of higher education.

Assessment methods and criteria:
Active and independent studying is required in the e-learning environment. Students actively read literature and complete written assignments. This course unit utilizes continuous assessment.

Grading:
Pass/fail

Person responsible:
University teacher/doctoral candidate

ay351202P: Preliminary Studies of Health Sciences: Foundations of Social and Health Care (OPEN UNI), 10 op

Opiskelumuoto: Basic Studies
Laji: Course
Vastuuyksikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:

351202P Preliminary Studies of Health Sciences: Foundations of Social and Health Care 10.0 op

ECTS Credits:
10 ECTS cr

Timing:
First year autumn term

Learning outcomes:
The student is able to define the philosophy, ethics and fundamental values of social and health care services. The student is able to identify the norms and ethical principles underlying the operation of health care, to recognize the central ethical issues in health care, is able to compare the effect of the norms and regulations arising from different cultural backgrounds on health care and patient care. The student is able to examine ethical decision making in the operational environment of social and health care.

Contents:
Ethical principles and professional ethics, examination of ethical questions from different perspectives and the effect of culture in social and health care.

Mode of delivery:
Teaching in the e-learning environment Optima.

**Learning activities and teaching methods:**
Reading of literature 40h, evaluating the received information and writing of the assignment 41h.

**Target group:**
Health science students without prior qualification in social and health care from an Institute of Nursing or University of Applied Sciences, or other universities, and/or Open University.

**Recommended or required reading:**

**Assessment methods and criteria:**
Active and independent studying is required in the e-learning environment. Students actively read literature and complete the writing assignment. This course unit utilizes final assessment based on written assignment.

**Grading:**
Pass/fail

**Person responsible:**
Doctoral candidate

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**Compulsory**

*ay351202P-01: Social and Health Care Systems in Finland and Inter-professional Networking (OPEN UNI), 5 op*

- **Opiskelumuoto:** Basic Studies
- **Laji:** Partial credit
- **Vastuuyksikkö:** Open University, Oulu
- **Arvostelu:** 1 - 5, pass, fail
- **Opetus suunnattu:** Open University, Oulu
- **Opintokohteen kielet:** Finnish

**Leikkaavuudet:**
351202P-01 Social and Health Care Systems in Finland and Inter-professional Networking
5.0 op

**ECTS Credits:**
5 ECTS cr

**Timing:**
First year spring term

**Learning outcomes:**
Student is able to classify the general principles of the Finnish social and health care system and public health programs of prevention by comparing their principles and programs to those of the World Health Organization. The student is able to distinguish the main functions of inter-professional networking. The student is able to plan, classify and justify their new health prevention program with the right ethical focus of health science and patients’ wellness.

**Contents:**
Ministry of social affairs and health state, its goals and duties, strategies and programs. Department for the promotion of welfare and health in Finland, Finnish health care policy. Finnish social and health care services, organization of these services and social protection. World Health Organization. Planning of Inter-professional Health and Wellbeing Promotion and Prevention. Inter-professional co-operation and support for the client.

**Mode of delivery:**
Teaching in the e-learning environment Optima.
Learning activities and teaching methods:
Independent active studying in the e-learning environment, in the first part of the course: reading of literature 78h and exam 3h in the e-learning environment, in the second part of the course: reading of literature 40h and writing of an assignment and designing a health promotion leaflet 20h.

Target group:
Health science students without prior qualification in social and health care from an Institute of Nursing or University of Applied Sciences, or other universities, and/or Open University.

Recommended or required reading:

Assessment methods and criteria:
Active and independent studying is required in the e-learning environment. In the first part the students actively read literature and prepare for the online exam. In the second part the student completes a home assignment including an argumentation with the goal of creating a health promotion leaflet. This course unit utilizes continuous assessment.

Grading:
Pass/fail

Person responsible:
University lecturer / doctoral candidate

ay351202P-02: Foundations of Health Care Legislation (OPEN UNI), 5 op

Opiskeluomoto: Basic Studies
Laji: Partial credit
Vastuuysikko: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
351202P-02 Foundations of Health Care Legislation 5.0 op

ECTS Credits:
5 ECTS cr

Timing:
First year spring term

Learning outcomes:
Student is able to classify the general foundations of Finnish social and health care legislation. Student receives preliminary knowledge in social and health care management.

Contents:
Legislation in the promotion of welfare, social and health services, working life and gender equality. Management skills and legislative grounds of management in social and health care fields. Finnish Ministry of Justice.

Mode of delivery:
Teaching in the e-learning environment Optima.

Learning activities and teaching methods:
Independent studying in the e-learning environment, reading of literature 77h, evaluating received information and writing assignment 58h.

Target group:
Health science students without prior qualification in social and health care from an Institute of Nursing or University of Applied Sciences, or other universities, and/or Open University.

Recommended or required reading:
Assessment methods and criteria:
Active and independent studying is required in the e-learning environment. Students actively read literature and complete the writing assignment. This course unit utilizes final assessment based on written assignment

Grading:
Pass/fail

Person responsible:
University lecturer/docent candidate

ay352251A: Qualitative Research Methods in Health Sciences (OPEN UNI), 5 op

Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuksikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohden kielet: Finnish
Leikkaavuudet:
352251A Research Method in Health Science 5.0 op

ECTS Credits:
4 ECTS cr
Timing:
Second year spring term
Learning outcomes:
Student is able to choose relevant research methods for the subject of research; knows the requirements of good scientific writing; is able to evaluate basic ethical issues relating to research and researchers, is able to evaluate and define trustworthiness of qualitative studies. Student is able to write a research plan.

Contents:
Collecting qualitative research data and analyzing it, trustworthiness in qualitative research, principles of research ethics, writing of a research plan and a research report.

Mode of delivery:
Multidimensional teaching.

Learning activities and teaching methods:
Lectures and exercises 25h, e-learning 10h, independent studying and group work 73h.

Target group:
Undergraduate health science students.

Recommended or required reading:
Relevant scientific literature.

Assessment methods and criteria:
Active participation in exercises and group work.

Grading:
1-5/fail

Person responsible:
University lecturer

ay549501: Rehabilitation Science (OPEN UNI), 25 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Study module
Vastuuksikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
ay040600P: Basic studies in rehabilitation (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
040600P Basic studies in rehabilitation 5.0 op

ECTS Credits:
5 ECTS

Language of instruction:
Finnish

Learning outcomes:
Upon completion of the course the student should be able to view rehabilitation as an inter-professional whole, a multi- and interdisciplinary field of study, a social activity system, and a process of change concerning the individual and his/her environment. The student should have a general understanding of how the process of rehabilitation has changed and developed as society has progressed. The student should be able to use essential basic terminology of the field and understand the theoretical viewpoints behind the concepts.

Contents:
The concept of rehabilitation and its different definitions. The current state of rehabilitation based on historical development and central trends. Rehabilitation and values. Rehabilitation as a social activity system in the welfare state. Rehabilitation as a learning process and as a process of change for the individual and his/her environment. Ability to function, empowerment, and social participation. The basics of the ecological and disability-oriented models of rehabilitation.

Mode of delivery:
Online studies

Recommended or required reading:
1. Online material

Assessment methods and criteria:
Read more about assessment criteria at the University of Oulu webpage.

Grading:
0-5

Person responsible:
Kristiina Härkäpää

ay040610P: Rehabilitation client groups, clientship and collaboration (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies  
Laji: Course  
Vastuuysikkö: Open University, Oulu  
Arvostelu: 1 - 5, pass, fail  
Opetus suunnattu: Open University, Oulu  
Opintokohteen kielet: Finnish  
Leikkaavuudet:  
040610P Rehabilitation client groups, clientship and collaboration 5.0 op  

ECTS Credits:  
5 ECTS  

Language of instruction:  
Finnish  

Learning outcomes:  
Upon completion of the course the student should be familiar with different client types and client groups and how client relationships are formed in rehabilitation work. The student should also be familiar with the formation of inter-professional rehabilitation groups and the methods required in working with rehabilitation clients.  

Contents:  

Mode of delivery:  
Online studies  

Recommended or required reading:  
The last year's volume of Kuntoutus magazine.  
Current articles and research.  

Assessment methods and criteria:  
Read more about assessment criteria at the University of Oulu webpage.  

Grading:  
0-5  

ay040618P: Usebility I (OPEN UNI), 5 op  

Voimassaolo: 01.08.2012 -  
Opiskelumuoto: Basic Studies  
Laji: Course  
Vastuuysikkö: Open University, Oulu  
Arvostelu: 1 - 5, pass, fail  
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet: 040618P Usebility I 5.0 op

ECTS Credits: 5 ECTS

Language of instruction: Finnish

Learning outcomes:
Upon completion of the course the student should have a broad understanding of what is necessary to create and maintain an accessible physical, mental, and social environment for the rehabilitee. The student should also be able to evaluate these environments. The student should be able to grasp how significant a requirement accessibility is to the maximal function and work ability of the rehabilitee.

Contents:
Central topics discussed include: dimensions of functionality in different age groups, problem of discrimination, community planning, accessibility solutions in the workplace, and the challenges modern communication and the information society pose to rehabilitation. Additionally, the ICF model is used to evaluate the rehabilitee's environment and ability to function.

Learning activities and teaching methods:
Online studies

Recommended or required reading:

Assessment methods and criteria:
Read more about assessment criteria at the University of Oulu webpage.

Grading:
0-5

Person responsible:
Eeva Leino, Maria Luojus and Anne Kanto-Ronkanen
Language of instruction:
Finnish

Learning outcomes:
Upon completion of the course:
1) The student should have an overall understanding of the purposes of rehabilitation science and the essential research questions in the field. The student should be familiar with the common evaluation and research methods used in the field and be able to evaluate the applicability of these methods to different research questions. The student familiarises himself/herself with several example studies concerning sound practices and the quality and effectiveness of rehabilitation conducted using various different research methods. The student also familiarises himself/herself with several on-going EU programmes and examples of development programmes and projects initiated by different ministries and the Social Insurance Institution of Finland.

2) The student should be familiar with the basic structure of a research article or publication (introduction, theoretical background, aims and research questions, methods, ethical questions, results, and conclusions and reflection) and its different applications. The student should be able to critically analyse scientific publications and make improvement suggestions.

Contents:
1) Different fields of rehabilitation research and relevant research strategies. Effectiveness evaluations and the evaluation of rehabilitation processes and sound rehabilitation practices.
2) Online material: research and review publications (available on Optima).
3) On-going European Social Fund programme and various national projects initiated by different ministries.
4) Analysis of one research article from the field of rehabilitation science. Students are divided into small groups to answer questions concerning the goals, results, and conclusions of the article.

Mode of delivery:
Online studies

Recommended or required reading:
3. Robson C. 2001: Käytännön arvioinnin perusteet. Tammi (222 s.). One article for a studygroup to cover (an article can be found in Optima).

Assessment methods and criteria:
Read more about assessment criteria at the University of Oulu webpage.

Grading:
0-5

ay040616P: The services of rehabilitation I (OPEN UNI), 5 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Basic Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:

040616P The services of rehabilitation I 5.0 op

ECTS Credits:
5 ECTS

Language of instruction:
Finnish

Learning outcomes:
Upon completion of the course the student should be able to view the different service systems and networks of rehabilitation from the perspectives of society, community, and rehabilitees of different types and ages. The student should be able to critically analyse the problematic areas of rehabilitation and questions of responsibility between service systems. The student should also have grasped the basics of client-specific rehabilitation planning.

Contents:
The course familiarises the student with the service systems of medical, professional, social, and educational rehabilitation and the relevant legislation. The regional applications of service systems are also discussed, as is the distribution of work and responsibility. Additionally, rehabilitation and service plans are discussed in terms of significance and operational requirements.

Learning activities and teaching methods:
Online studies

Recommended or required reading:
3. Työterveys ja kuntoutus, työterveyshuollon, työpaikkojen ja kuntoutuksessa toimivien yhteistyö. STM selvityksiä 2007:60
4. Online service KunNet (www.kunnet.fi) and other extra material that will be announced during the course.

Assessment methods and criteria:
Read more about assessment criteria at the University of Oulu webpage.

Grading:
0-5

Person responsible:
Eeva Leino, Maria Luojus and Anne Kanto-Ronkanen

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352251A: Research Methodos in Health Science, 5 op

Opiskelumuoto: Intermediate Studies
Laji: Course
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish
Leikkaavuudet:
ay352251A Qualitative Research Methods in Health Sciences (OPEN UNI) 5.0 op

ECTS Credits:
4 ECTS cr
Timing:
spring term

Learning outcomes:
Student is able to choose relevant research methods for the subject of research, knows the requirements of good scientific writing, is able to evaluate basic ethical issues relating to research and researchers, is able to evaluate and define trustworthiness of qualitative studies. Student is able to write a research plan.

Contents:
Collecting qualitative research data and analyzing it, trustworthiness in qualitative research, principles of research ethics, writing of a research plan and a research report.

Mode of delivery:
Multidimensional teaching.

Learning activities and teaching methods:
Lectures and exercises 25h, e-learning 10h, independent studying and group work 73h.

Target group:
Undergraduate health science students.

Prerequisites and co-requisites:
Student has to have completed the following course: 351201P-03 Fundamentals of Research Methods in Health Sciences 2 ECTS cr

Recommended or required reading:
Relevant scientific literature.
Assessment methods and criteria:
Active participation in exercises and group work.

Grading:
1-5/fail

Person responsible:
University lecturers of nursing and health management sciences

ayA551102: Subject Studies in Health Sciences (OPEN UNI), 35 op

Voimassaato: 01.08.2014 -
Opiskelumuoto: Intermediate Studies
Laji: Study module
Vastuuyksikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:

Ei opintojaksokuvauksia.

ayA551102: Subject Studies of Health Sciences, 35 - 65 op

Opiskelumuoto: Intermediate Studies
Laji: Study module
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish
Leikkaavuudet:

Ei opintojaksokuvauksia.

Compulsory

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

Opiskelumuoto: Intermediate Studies
Laji: Course
Arvostelu: 1 - 5, pass, fail
Opintokohteen kielet: Finnish
Leikkaavuudet:

Required proficiency level:
Student has to have completed the courses:
352251 Qualitative Research Methods in Health Sciences 4 ECTS cr,
352252A-01 Methods of Statistical Analysis in Health Sciences Part I 3.5 ECTS cr,
352252A-02 Methods of Statistical Analysis in Health Sciences Part II 3.5 ECTS cr.

ECTS Credits:
10 ECTS

Language of instruction:
Finnish

Timing:
Learning outcomes:
Upon completion of the course the student is able to compile a Bachelor thesis based on scientific literature and/or empirical data according to the principles of scientific writing and research. Student is able to explain and discuss own research.
According to regulations of Government Decree on University Degrees (794/2004), Section 10, the student must demonstrate that he/she has attained the objectives set for the degree, studies and thesis and the language proficiency. The student must write a maturity essay which demonstrates conversance with the topic of the thesis and skills in the use of Finnish or Swedish.

Contents:
The planning of the research process, carrying out of the research and evaluation. Writing of a Bachelor thesis based on scientific literature and empirical data according to scientific principles. The students make their Bachelor thesis in their major subject / field of specialization. Written maturity test.

Mode of delivery:
Contact teaching

Learning activities and teaching methods:
Supervision, seminars and group work 16h, an opponent to other student 4h, reading and retrieving of the literature 100h, writing of thesis 138h, preparation for the test and maturity test 12h.

Target group:
Undergraduate health science students.

Recommended or required reading:
Literature related to the topic of the Bachelor's thesis.

Assessment methods and criteria:
Independent studying, supervision taking place in small groups and seminars, writing of the Bachelor thesis, presenting/discussing the thesis and a written maturity test.

Grading:
Pass / Fail

Person responsible:
Doctoral candidate

Working life cooperation:
No

ay402954A: The Social Well-being of Children and Adolescents (OPEN UNI), 4 op

Voimassaolo: 01.08.2012 -
Opiskelumuoto: Intermediate Studies
Laji: Course
Vastuuysikkö: Open University, Oulu
Arvostelu: 1 - 5, pass, fail
Opetus suunnattu: Open University, Oulu
Opintokohteen kielet: Finnish
Leikkaavuudet:
402954A The Social Well-being of Children and Adolescents 4.0 op

ECTS Credits:
4 ECTS

Language of instruction:
Finnish

Learning outcomes:
- explain the construction of mental and social welfare
- design learning materials suitable for the promotion of mental welfare, working methods from the perspective of the development of the school's action culture

Contents:
- significance of mental welfare for functional capacity
- social connections of mental welfare
- construction of self-perception in different contexts

**Mode of delivery:**
Online studies

**Target group:**
Minor subject students from all faculties

**Prerequisites and co-requisites:**
Basic studies

**Recommended optional programme components:**
No

**Recommended or required reading:**
Literature to be agreed on during the course

**Assessment methods and criteria:**
Participation in teaching and independent written assignment
Read more about [assessment criteria](#) at the University of Oulu webpage.

**Grading:**
0-5

**Person responsible:**
Milla Merilehto

**Working life cooperation:**
No