

Opasraportti

Nursing Science, MHS (2019 - 2020)

MASTER OF HEALTH SCIENCES (MHS) DEGREE (120 ECTS cr)

MASTER'S PROGRAMME IN NURSING SCIENCE

The Master's degree (MHS) in Health Sciences at the University of Oulu is based on the Government Decree on University Degrees ([794/2004](#)) and consists of 120 ECTS credits of Master's degree level studies in nursing science. In the degree programme, students complete major subject studies (40 ECTS cr) in addition to studies in research methodology (20 ECTS cr). Students complete minor subject studies in either clinical expertise (35 ECTS cr) or nursing management (35 ECTS cr). The degree also consists of an additional 25 ECTS credits of optional minor subject studies, which allows students to direct their studies according to their personal career goals nationally or internationally. Upon completion of the Master's degree, the student is eligible for applying for further academic education (doctoral degree). After completing the Master's Programme in Nursing Science, students have a wide range of expertise and are able to work in multidisciplinary positions in social and healthcare nationally or internationally, for example as experts, leaders, researchers, or in developmental and consultant positions.

LEARNING OBJECTIVES FOR THE MASTER'S DEGREE PROGRAMME IN NURSING SCIENCE

The learning objectives correspond to the aims of the Finnish [National Framework for Qualifications and other Learning](#). Upon completion of the Master's degree in Nursing Science students will have reached the following learning objectives:

Competence in nursing science and development of evidence-based practices

The student is

- familiar with and able to apply the concepts, theories, research methods and evidence specific to nursing science and other related sciences, and apply these into work as experts and leaders in social and healthcare
- able to develop and renew the field of nursing science, as well as the necessary competence needed in social and healthcare, and able to develop organisations in the implementation and evaluation of evidence-based practices

- able to evaluate their own learning and develop their competence
- able to achieve the ability to continue further academic education and to conduct research.

Clinical expertise and evidence-based management

The student is able to

- work according to professional ethics and legal foundation
- apply nursing science related concepts and models in an evidence-based and work life- oriented manner
- solve demanding challenges faced by experts and managers using analytical thinking and evidence-based knowledge in social and healthcare in research, management and innovation
- manage evidence-based practice in research, development and innovation in social and healthcare
- creatively use various technical and digital solutions in communication, in clinical work and while working collaboratively with different partners
- manage their own practices and the practices of others, change processes and different projects while promoting evidence-based practice
- utilize information necessary for marketing, financial management, and business as an expert and leader in development, research and consulting in social and healthcare.

Competence in networking, communication and internationalism

The student is able to

- work independently and collaboratively while utilising the expertise of different professions, and utilising networks that support experts and leaders in the completion of assignments related to teaching, management, and expert work
- operate and communicate flexibly in rapidly changing, multidisciplinary, regional, national and international networks, and in learning and work communities, while taking into account collaborative, ethical and legal perspectives in addition to the principles of sustainable development.

STRUCTURE OF THE MASTER'S DEGREE IN NURSING SCIENCE

[Course Structure Diagram 2019- 2020](#)

At the University of Oulu, the Master´s Programme in Health Sciences consists of the following studies:

ADVANCED STUDIES IN NURSING SCIENCE 60 ECTS cr

Courses in Nursing Science 40 ECTS cr

353301S Nursing Science in the Field of Sciences 5 ECTS cr

353302S Nursing Science Knowledge and Innovation in Evidence-Based Practice 5 ECTS cr

353317S Generating Scientific Knowledge in Nursing Science 5 ECTS cr

353305S Master's Thesis and Research Seminars, Nursing Science 25 ECTS cr

353205S Written Maturity Test 0 ECTS cr

Courses in Research Methods 20 ECTS cr

353316S Research Methods in Nursing and Health Management Science 5 ECTS cr

353306S Information Literacy and Data Analysis 5 ECTS cr

353307S Planning and Conducting Scientific Research 5 ECTS cr

352252S Methods of Statistical Analysis in Health Sciences 5 ECTS cr

CAREER DEVELOPMENT STUDIES 60 ECTS**Option Studies 35 ECTS cr****1. Leadership in Nursing Option 35 ECTS cr**

353308S Development of Nursing in Multiprofessional Work Environments 5 ECTS cr

353231A Introduction to Health Pedagogy 5 ECTS cr

353309S Management and Leadership of Client-Centred Services in Nursing 5 ECTS cr

353310S Managing Knowledge to Lead Change 5 ECTS cr

353311S Role of Nursing Leadership in Evidence-Based Practice 5 ECTS cr

353312S Clinical Training Experience for Development of Leadership Competence 10 ECTS cr

OR

2. Clinical Nurse Specialist Option 35 ECTS cr

353308S Development of Nursing in Multiprofessional Work Environments 5 ECTS cr

353231A Introduction to Health Pedagogy 5 ECTS cr

353314S Role of Specialists in Clinical Nursing Science in Changing Environments 5 ECTS cr

353315S Role of Specialists in Clinical Nursing Science in Implementing Evidence into Practice 5 ECTS cr

352226S Clinical Training 10 ECTS cr

351180S Fundamentals of Clinical Nursing and Nursing Science 5 ECTS cr

Minor Subject Studies 25 ECTS cr

The student may complete studies according to their personal objectives and Personal Study Plan (e-PSP) by choosing to complete a minimum of 25 ECTS credits of minor subject studies in a different field of science either in Finland or abroad.

For example, the following minor subject studies, which are arranged by the Research Unit of Nursing Science and Health Management, can be taken and included as minor studies:

[A540317](#) Multidisciplinary and Customer-oriented Rehabilitation 30 ECTS cr

[A551112](#) FutureDigitalHealth - Digital Social and Healthcare Services 25 ECTS cr

[A540315](#) Basic Studies in Management of Health and Well-being Promotion 25 ECTS cr

ARRANGEMENTS FOR RECOGNITION OF PRIOR LEARNING

Recognition of prior learning (RPL) follows the main principles as defined by the University of Oulu. According to [University of Oulu Education Regulations](#) paragraph 27 Accreditation of studies taken elsewhere and recognition of prior learning, the principles concerning accrediting studies taken in other Finnish and foreign universities and other educational institutions are stipulated in the curricula or other regulations, unless they have not been stipulated elsewhere. For further information, see: <https://www.oulu.fi/forstudents/rpl>.

Recognition of studies based on prior studies completed at other universities requires a separate application procedure through [OSAT system](#). Application for recognition of prior learning has to be submitted to the teacher responsible for the study unit in question. The decision is made by the Programme Director of the Master's Programme in Nursing Science.

The student may complete exchange studies into his/her master's degree without delaying his/her studies. Before the student leaves on exchange, the student is required to update their Personal Study Plan together under the guidance of their tutor teacher.

Tutkintorakenteet

Master's Programme in Nursing Science, MHS

Tutkintorakenteen tila: published

Lukuvuosi: 2019-20

Lukuvuoden alkamispäivämäärä: 01.08.2019

Advanced studies in Nursing Science (60 op)

This ePSP structure is only meant for students who have been granted their study right according to the 2019-2020 curriculum.

Advanced Studies in Nursing Science, according to the curriculum 2019-2020, are 60 ECTS credits in total (Nursing Science Studies 40 ECTS credits, Research Methodology Studies 20 ECTS credits).

A540303: Nursing Science, advanced studies, 60 - 87 op

Advanced Studies in Nursing Science

353301S: Nursing Science in the Field of Sciences, 5 op

353302S: Nursing Science Knowledge and Innovation in Evidence-Based Practice, 5 op

353317S: Generating Scientific Knowledge in Nursing Science, 5 op

353305S: Master's Thesis and Research Seminars, Nursing Science, 25 op

353205S: Written maturity test, 0 op

353316S: Research Methods in Nursing and Health Management Science, 5 op

353306S: Information Literacy and Data Analysis, 5 op

353307S: Planning and Conducting Scientific Research, 5 op

352252S: Methods of Statistical Analysis in Health Sciences, 5 op

Option Studies (35 op)

This ePSP structure is only meant for students who have been granted their study right according to the 2019-2020 curriculum.

Choose one of the following options (35 ECTS credits):

Leadership in Nursing Option 35 ECTS credits

or

Clinical Nurse Specialist Option 35 ECTS credits

Leadership in Nursing Option

A540308: Leadership in Nursing Option, 35 op

Compulsory

353308S: Development of Nursing in Multiprofessional Work Environments, 5 op

353231A: Introduction to Health Pedagogy, 5 op

353309S: Management and Leadership of Client-Centred Services in Nursing, 5 op

353310S: Managing Knowledge to Lead Change, 5 op

353311S: Role of Nursing Leadership in Evidence-Based Practice, 5 op

353312S: Clinical Training Experience for Development of Leadership Competence, 10 op

Clinical Nurse Specialist Option

A540309: Clinical Nurse Specialist Option, 35 op

Compulsory

353308S: Development of Nursing in Multiprofessional Work Environments, 5 op

353231A: Introduction to Health Pedagogy, 5 op

353314S: Role of Specialists in Clinical Nursing Science in Changing Environments, 5 op

353315S: Role of Specialists in Clinical Nursing Science in Implementing Evidence into Practice, 5 op

352226S: Clinical training, 10 op

351180S: Fundamentals of clinical care and nursing science, 5 op

Minor Subject (vähintään 25 op)

The student may orient the studies according to his/her personal objectives and Personal Study Plan (ePSP) by including in the degree a university level study module (at least 25 ECTS cr) to be completed in Finland or abroad.

Opintojaksojen kuvaukset

Tutkintorakenteisiin kuuluvien opintokohteiden kuvaukset

A540303: Nursing Science, advanced studies, 60 - 87 op

Opiskelumuoto: Advanced Studies

Laji: Study module

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Pirjo Kaakinen

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

Advanced Studies in Nursing Science

353301S: Nursing Science in the Field of Sciences, 5 op**Voimassaolo:** 01.08.2019 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Health Sciences**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Pirjo Kaakinen**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay353301S Nursing Science in the Field of Sciences (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Timing:

Autumn term, 1st year, 1st period

Learning outcomes:

Upon completion of the course the student will be able to:

- orientate himself/herself towards the scientific community and academic learning
- describe the development of nursing science and trends in research, research priorities and topics, and theories
- discuss the significance of nursing science in social and healthcare
- analyse and evaluate their own and groups' development in expertise and continuous learning using the Action Model of Expertise (STM) along with nursing science evidence and concepts
- communicate efficiently in multidisciplinary, national and international learning and working communities while taking into consideration ethical and legal perspectives.

Contents:

Orientation to university studies and integration into the scientific community, development of nursing science, trends in research, research priorities and topics, significance of nursing science evidence in the development of expertise in social and healthcare.

Mode of delivery:

Blended teaching utilizing information and communications technology.

Learning activities and teaching methods:

Lectures/workshops 10 h, seminar/webinar 6 h, completion of an expert portfolio 14 h and independent and collaborative learning in the online learning environment 95 h. Tutor teaching and orientation to the university 10 h.

Target group:

Students in the nursing science and health sciences teacher programmes

Recommended or required reading:

Eriksson, K., Isola, A., Kyngäs, H., Leino-Kilpi, H., Lindström, U. Å., Paavilainen, E., Pietilä, A-M., Salanterä, S., Vehviläinen-Julkunen, K. & Åstedt-Kurki, P. 2012. *Hoitotiede*. 4th edition. Sanoma Pro Oy. Helsinki.

Lauri S & Kyngäs H. 2006. *Hoitotieteen teorian kehittäminen*. Sanoma Pro Oy.

Journal of Nursing Science (*Hoitotiede*). Other current national and international literature.

Assessment methods and criteria:

Completion of an expert portfolio, collaborative assignments in the online learning environment.

Read more about [assessment criteria](#) at the University of Oulu webpage.**Grading:**

1 - 5 / fail

Person responsible:

University lecturer

Working life cooperation:

Work orientation: reflection upon personal competence in relation to the needs of working life.

353302S: Nursing Science Knowledge and Innovation in Evidence-Based Practice, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Maria Kääriäinen

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Timing:

1st spring term, 3rd period

Learning outcomes:

Upon completion of the course the student will be able to:

- orientate himself/herself towards the scientific community and academic learning
- discuss issues related to the social and healthcare reform and current research areas in work-life collaboration
- explain the model of evidence-based practice in social and healthcare
- identify key information gaps at the national and international level related to social and healthcare, education or leadership
- search for current, reliable, and unmarred evidence in nursing science and evaluate the quality of the evidence
- use innovative digital methods to disseminate nursing science evidence in changing national and/or international networks
- evaluate development of nursing science expertise and continuous learning.

Contents:

Social and healthcare reform, current national and international research areas. Evidence-based practice in social and healthcare. Orientation to university studies and integration into the scientific community.

Mode of delivery:

Blended teaching utilizing information and communications technology.

Learning activities and teaching methods:

Lectures/workshop 16 h, independent and collaborative online learning 44 h, completion of collaborative assignments and development of digital material 60 h, continuous working on expert profile 5 h. Tutor teaching and orientation to the university 10 h.

Target group:

Students in the nursing science and health sciences teacher programmes

Prerequisites and co-requisites:

353301S Nursing Science in the Field of Sciences 5 ECTS cr

Recommended or required reading:

Korhonen A, Jylhä V, Korhonen T, Holopainen A. 2018. Näyttöön perustuva toiminta –tarpeesta tuloksiin. Hotus/Skhole, Nursing Research Foundation.

Holopainen, A, Junttila K, Jylhä, V, Korhonen, A, Seppänen S. 2013. Johda näyttö käyttöön hoitotyössä. Bookwell Oy, Porvoo.

Current international scientific articles.

Assessment methods and criteria:

Active participation in the online learning environment, completion of collaborative assignments and development of digital material.

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1 - 5 / fail

Person responsible:

Professor

Working life cooperation:

Working life-oriented task

Other information:

By completing this course, you can replace the following course in the previous curriculum: Nursing Science II Nursing science research evidence as a foundation in social and healthcare 5 ECTS cr.

353317S: Generating Scientific Knowledge in Nursing Science, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Timing:

2nd autumn term, 1st period

Learning outcomes:

Upon completion of the course the student will be able to:

- critically evaluate evidence in nursing science and justify its significance from the scientific, societal, and social and healthcare perspective
- create an evidence summary of evidence in nursing science
- solve demanding challenges independently and collaboratively based on evidence
- make generalisations and draw conclusions about activities in social and healthcare
- evaluate personal and groups' development of expertise and continuous learning.

Contents:

Extensive knowledge and research in nursing science. Application of evidence in nursing science. Evidence summary.

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Guided exercises 24 h, small group work, gathering, generating, and evaluating evidence 115 h, group oral examination, peer assessment and group-specific feedback discussions.

Target group:

Students in the nursing science and health sciences teacher programmes

Prerequisites and co-requisites:

353301S Nursing Science in the Field of Sciences 5 ECTS cr,
 353302S Nursing Science Knowledge and Innovation in Evidence-Based Practice 5 ECTS cr,
 353306S Information Literacy and Data Analysis 5 ECTS cr,
 353316S Research Methods in Nursing Science and Health Management Science 5 ECTS cr,
 353307S Planning and Conducting Scientific Research 5 ECTS cr.

Recommended or required reading:

Current national and international scientific articles.

Korhonen A, Jylhä V, Korhonen T, Holopainen A. 2018. Näyttöön perustuva toiminta –tarpeesta tuloksiin. Hotus/Skhole, Nursing Research Foundation. Where applicable.

Assessment methods and criteria:

Lectures/guided exercises, active participation in small group work, guided exercises and group oral examination. Students will collaboratively complete an assignment and participate in a group oral examination, which are graded. Self-assessment, peer assessment, and teacher assessment will be used during the final assessment.

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1 - 5 / fail

Person responsible:

Professor

Working life cooperation:

Working life-oriented task

Other information:

By completing this (expanded) course, you can replace the following course in the previous curriculum: Nursing Science III 7 ECTS cr.

353305S: Master's Thesis and Research Seminars, Nursing Science, 25 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Diploma thesis

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

25 ECTS cr

Language of instruction:

Finnish

Timing:

2nd autumn term, 1st period - 2nd spring term, 4th period

Learning outcomes:

Upon completion of the course the student will be able to:

- 1) complete scientific data collection either independently or as a member of a research project according to the agreed timetable and critically discuss the thesis and selected data collection methods in relation to the research topic/phenomenon.
- 2) collect research data as planned, critically evaluate methodological decisions, one's own actions and choices that have been made, draw conclusions at different stages of data collection and justify solutions that have been made during data collection.
- 3) critically evaluate methodological decisions, one's own actions and choices that have been made, and draw conclusions at different stages of data analysis. Report data analysis, present research results and argue solutions that have been made during data collection.
- 4) produce a scientific thesis or article independently or as a member of a research project, manage the use of those research methods that have been utilized. Critically evaluate, draw conclusions and argue decisions that have been made and manage scientific discussion.

Contents:

- 1) Completing a personal research plan. Procedures and regulations related to research permissions, obtaining research permissions, ethical perspectives/ethical committee approval.

- 2) Report on data collection that meets scientific criteria. Critical discussion on thesis and data collection methods that have been chosen related to the research topic/phenomena.
- 3) Report on data collection and analysis that meets scientific criteria. Critical discussion on thesis and data collection methods that have been chosen related to the research topic/phenomena.
- 4) International literature related to thesis topic and methods. Thesis or article that meets scientific criteria. Critical discussion on the thesis, research results, conclusions, and presentation of further research ideas.

Report on data collection and analysis that meets scientific criteria. Critical discussion on thesis and data collection methods that have been chosen related to the research topic/phenomena. International literature related to thesis topic and methods.

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

- 1) Group guidance and mentoring 6 h, independent work and familiarisation with literature related to own research topic and research methods 119 h, seminars 5 h, self-assessment and peer assessment 5 h.
- 2) Group guidance and mentoring 10 h, independent work and familiarisation with literature related to own research topic and research methods 110 h, collaboration with the named thesis supervisor 5 h, reporting on data collection 5 h, self-assessment and peer assessment 5 h.
- 3) Group guidance and mentoring 10 h, independent work and familiarisation with literature 110 h, collaboration with the named thesis supervisor 5 h, reporting on data analysis and research results 5 h, self-assessment and peer assessment 5 h.
- 4) Group and/or individual guidance 10 h, collaboration with the named thesis supervisor 5 h, reading of national and international literature related to the research topic and methods, reporting on the thesis; writing the scientific thesis or article 100 h. Graduation seminar and poster presentations, participation in organising the seminar 20 h.

Target group:

Students in the nursing science and health sciences teacher programmes

Prerequisites and co-requisites:

Research methods coursework 20 ECTS cr, supervision agreement.

Recommended optional programme components:

353205S Written Maturity Test

Recommended or required reading:

Polit DF & Beck CT (2011) Nursing research: generating and assessing evidence for nursing practice. 9th ed. Wolters Kluwer Health/Lippincott Williams & Wilkins, Philadelphia along with national and international literature related to the thesis topic and methods.

Assessment methods and criteria:

- 1) Completion of and reporting on the research permission application.
 - 2) Reporting on data collection. Self-assessment and peer assessment.
 - 3) Reporting on data analysis, self-assessment and peer assessment.
 - 4) Completion of a scientific thesis or article. Written maturity examination (see more 353205S). Graduation seminar and participation in the organising of the seminar.
- Participation in one doctoral defence in health sciences during completion of the coursework (25 ECTS cr).

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1-5 / fail. Continuous assessment is used during the course. The tasks: pass / fail. Master's thesis: 1-5 / fail.

Person responsible:

University lecturer

Working life cooperation:

The student is able to conduct the working life-oriented thesis, which supports development of the student's personal expertise.

Other information:

Consists of the following courses:

- 1) Starting the Research Process (5 ECTS credits)

- 2) Data collection (5 ECTS credits)
- 3) Data analysis (5 ECTS credits)
- 4) Reporting of research; reflection on results and reliability, conclusions (10 ECTS credits)

353205S: Written maturity test, 0 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

0 ECTS cr

Language of instruction:

Finnish or Swedish; English, if the Master thesis has been written in English.

Timing:

Varies. The student must complete written maturity test in connection with and as a part of the student's Master's thesis. The student can register for maturity test as soon as she/he has submitted the thesis for review and the supervisor has given her/his permission to register.

Learning outcomes:

The student is able to communicate in Finnish or Swedish and show thorough knowledge of the field of his / her thesis. If the student has taken the maturity test in connection with the Bachelor degree and showed good command in Finnish or Swedish language in it, she/he doesn't have to show it anymore in connection with the Master's degree. However, the student must still take the maturity test and show in it thorough knowledge of the field of her/his thesis.

Contents:

Maturity test connected to the field of the student's Master's thesis

Mode of delivery:

Written maturity test connected to the master thesis

Learning activities and teaching methods:

The student writes the maturity test usually in one of the national languages of Finland (Finnish or Swedish), in which she/he has received her/his school education. If the mother tongue of the student is other than Finnish or Swedish, the Faculty of Medicine will determine separately required language studies.

Target group:

Master degree students in nursing science, health science teacher education and health management science

Prerequisites and co-requisites:

Master's thesis and supervisor's permission to register for maturity test

Assessment methods and criteria:

See [general instructions](#) of the maturity test at the University of Oulu (in Finnish). An abstract of the Master thesis can be accepted as a maturity test if the student has showed good command of language in written maturity test of the Bachelor thesis. Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass / fail

Person responsible:

Supervisor of the Master thesis and teacher of the university's Languages and Communications of the Oulu Extension School

353316S: Research Methods in Nursing and Health Management Science, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Heidi Siira, Outi Kanste

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay353316S Research Methods in Nursing and Health Management Science (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Timing:

1st autumn term, 1st period

Learning outcomes:

Upon completion of the course the student will be able to:

- compare and interpret the approaches and the nature of scientific research and to draw conclusions on common methodological issues.
- describe appropriate data collection and analysis methods
- organise and combine the stages of the research process to form a logical whole
- analyse and evaluate the reliability of research and ethical issues
- communicate according to good scientific practice and principles
- utilise digital solutions in learning.

Contents:

Different study designs, the main stages of the research process, methods in data collection and data analysis, evaluation of reliability, ethical premises.

Mode of delivery:

Web-based teaching

Learning activities and teaching methods:

Preliminary assignment in the beginning of the course

Online learning and completion of assignments in a ubiquitous learning environment 135 h; includes lectures on different themes along with independent and collaborative learning in the online learning environment, self- and peer assessment.

Target group:

Nursing Science, Health Sciences teacher, and Health Management students

Recommended or required reading:

Polit DF & Beck CT (2011) Nursing research: generating and assessing evidence for nursing practice. 9. ed. Wolters Kluwer Health/Lippincott Williams & Wilkins, Philadelphia.

Denzin, Norman K. & Lincoln, Yvonna S. (eds.) 2018. The sage Handbook of Qualitative Research. 4th ed. Thousand Oaks, CA: SAGE. (Soveltuvin osin, ainakin osat III /Strategies of Inquiry/ ja IV /Methods of Collecting and Analyzing Empirical Materials/).

Ruusuvuori ym. (2017). Haastattelun analyysi. Vastapaino.

National and international scientific articles.

Assessment methods and criteria:

Completion of the course requires active participation in independent and collaborative online learning and successful completion of the required learning assignments. Continuous self-, peer, and teacher assessment will be used during the course. There will be a preliminary assignment at the beginning of the course.

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass / fail

Person responsible:

Nursing Science and Health Management university lecturers

353306S: Information Literacy and Data Analysis, 5 op**Voimassaolo:** 01.08.2019 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Health Sciences**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay353306S Information Literacy and Data Analysis (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Timing:

1st year spring term, 4th period

Learning outcomes:

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 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 knows basic principles in publication process, research ethics and good scientific practice. The student is familiar with the basic research studies. The student is familiar with requirements for high quality reporting of research findings. 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:

Scientific information:

Principles of scientific research, 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.

Data analysis:

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. Critical reading of published research articles.

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Lectures, small group lessons, assignments and exam.

Target group:

Master students in health sciences

Recommended optional programme components:

352252S Methods of Statistical Analysis in Health Sciences

Recommended or required reading:

Material in lessons and small group lessons.

Assessment methods and criteria:

Regular and active participation in lectures, small group lessons, readiness tests and completion of practical projects and exams.

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1-5 / fail

Person responsible:

Pentti Nieminen

353307S: Planning and Conducting Scientific Research, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Outi Kanste, Heidi Siira

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay353307S Planning and Conducting Scientific Research (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Timing:

1st spring term, 3rd period

Learning outcomes:

Upon completion of the course the student will be able to:

- critically justify choice of a good research topic, define key concepts and analyse the topic in relation to current scientific and societal discussions
- evaluate approaches in research related to the student's own research topic and choose appropriate methods to use according to the research topic
- develop a research plan
- apply and justify the methodological solutions made at different stages of research and justify reliability during the different stages of the research process
- evaluate key ethical issues related to conducting research
- clearly and creatively present his/her research plan and respond to questions received regarding the thesis evaluate the research topics and plans of other students participating in the course and
- present constructive questions and give feedback to other students on their research plans
- utilise digital solutions in learning.
- The student will achieve the ability to conduct their Master's thesis.

While deciding upon a specific research topic the student will be given the opportunity to choose from topics related to the ongoing research projects of the research unit.

Contents:

Project info: The ongoing projects of the research unit.

Master's thesis topic is chosen -> Idea paper is created (+ named thesis supervisor) -> topic and methods are specified.

Planning a questionnaire.

Basic statistical analysis and tests.

Meta-analysis.

Planning a systematic review.

Planning qualitative data collection.

Concept analysis, thematic analysis.

Textual analysis, discourse analysis, narrative analysis.

Content analysis.

Idea paper, supervision agreement.

Development of a Master's thesis research plan. Planning the different stages of the research process, familiarisation with concepts and literature related to own research topic, evaluation of reliability, research and researcher ethics.

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Independent and collaborative learning in the online learning environment and development of a research plan 105 h (Ubiquitous learning environment), lectures on different themes 20 h, group guidance/supervision (online/ contact teaching) 10 h.

Target group:

Nursing Science, Health Sciences teacher, and Health Management students

Prerequisites and co-requisites:

353316S Research Methods in Nursing Science and Health Management Science 5 ECTS cr

Recommended or required reading:

Polit DF & Beck CT (2011) Nursing research: generating and assessing evidence for nursing practice. 9. ed. Wolters Kluwer Health/Lippincott Williams & Wilkins, Philadelphia.

Denzin, Norman K. & Lincoln, Yvonna S. (eds.) 2018. The sage Handbook of Qualitative Research. 4th ed. Thousand Oaks, CA: SAGE. (where applicable, at least sections III /Strategies of Inquiry/ and IV /Methods of Collecting and Analyzing Empirical Materials/) along with articles on research methodology

national and international literature relevant to the research plan and appropriate scientific articles.

Assessment methods and criteria:

Active participation in online learning, development of a research plan, self- and peer assessment, teacher assessment. The research plan is evaluated numerically.

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1-5 / fail

Person responsible:

Nursing Science and Health Management university lecturers

Working life cooperation:

The student is able to conduct the working life-oriented thesis, which supports development of the student's personal expertise.

Other information:

The research plan is developed in collaboration with the thesis supervisor – the thesis supervisor will decide on whether or not the research plan is accepted and this is not associated with completion of the course.

352252S: Methods of Statistical Analysis in Health Sciences, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Timing:

Master degree studies, 1st autumn term 1st period

Learning outcomes:

Upon completion of the course the students are able to plan collection of data, to transfer the data into a form which can be processed with a computer and to use independently statistical software for processing and analysis of data. The students are able to apply basic statistical methods in analysis of research problems. The students know multivariate and other special statistical methods used for analysis of data in health sciences. Additionally, the students are able to report research results and to recognize the issues which are important in interpreting the results published in international publications of health sciences.

Contents:

Basic concepts of statistics. Design of studies. Data collection. Data preparation. Using statistical software. Choosing the methods of analysis. Comparing groups. Repeated measurements. Studying associations. Multivariable methods. Regression models. Reliability. Reporting the results. Article evaluation.

Mode of delivery:

Contact teaching and group exercises.

Learning activities and teaching methods:

Lectures 28 h, group exercises 21 h and learning assignments.

Target group:

From 2019 Curriculum onward Master students of health sciences.

Recommended or required reading:

Lecture presentations and supplementary group work materials. Uhari M ja Nieminen P: Epidemiologia ja biostatistiikka. ("Epidemiology and biostatistics"; no translation in English.) 2nd edition Duodecim, 2012.

Assessment methods and criteria:

Accepted learning assignments and participation in group exercises.
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass / fail

Person responsible:

Associate professor Pentti Nieminen

A540308: Leadership in Nursing Option, 35 op

Voimassaolo: 01.08.2018 -

Opiskelumuoto: Intermediate Studies

Laji: Study module

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

Compulsory

353308S: Development of Nursing in Multiprofessional Work Environments, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Pirjo Kaakinen, Outi Kähkönen

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay353308S Development of Nursing in Multiprofessional Work Environments (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS cr / 135 hours of work

Language of instruction:

Finnish/English

Timing:

1st autumn semester, 1st period

Learning outcomes:

Upon completion of the course the student will be able to:

- analyse and evaluate current societal knowledge related to clinical nursing practice and nursing science and draw conclusions based on these.
- categorise models of expertise and tasks in multidisciplinary teams
- evaluate the needs for change in service systems
- plan activities that are based on professional ethics and legal premises
- assess personal future competence in the role of an expert and in multidisciplinary operational environments.

Contents:

1. Foundation and specific features of clinical nursing and nursing science
2. Models of expertise
3. Research in nursing science to support clinical nursing practice
4. Competence profile

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Introduction to the course 2 h, expert lectures and workshops 20 h, independent and collaborative learning in online learning environment 37 h, familiarization with the literature, searching for and critical appraisal of appropriate literature 30 h, development of a competence profile 40 h and presentation in a seminar 6 h.

Target group:

Nursing Science students who have chosen to complete coursework in Leadership in Nursing Option or Clinical Nursing Expertise Option.

Recommended optional programme components:

The course is an independent entity and does not require additional studies carried out at the same time.

Recommended or required reading:

Current learning material, research literature and scientific articles related to the topic. The study material related to the course will be confirmed at the beginning of the course.

Assessment methods and criteria:

Completion of the course requires active participation in contact teaching (at least 80 %). Requires online learning and successful completion of learning assignments.

There is continuous self-, peer- and teacher assessment during the course.

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1-5 / fail. The grade in the course is based on the competence profile.

Person responsible:

University lecturer and university teacher

Working life cooperation:

No working life cooperation

353231A: Introduction to Health Pedagogy, 5 op**Voimassaolo:** 01.08.2019 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Health Sciences**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Jonna Juntunen, Heli-Maria Kuivila**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay353231A Introduction to Health Pedagogy (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS cr / 135 hours of work

Language of instruction:

Finnish/English

Timing:

1 st autumn semester, 2nd period

Learning outcomes:

Upon completion of the course the student will be able to:

- plan education and teaching in an evidence-based manner
- evaluate different learning theories, learning strategies, learning processes, and teaching methods
- analyze one's own perspective of learning
- evaluate different learning environments and work in online environments utilizing digital learning materials.

Contents:

Evidence-based teaching. Perspectives and viewpoints of learning. Learning strategies. Learning processes. Teaching methods. Learning environments.

Mode of delivery:

The course is delivered as an online course in Finnish and English.

Learning activities and teaching methods:

Online learning and assignments 132 h and online exam (e-EXAM) 3 h.

Target group:

Nursing Science students who have chosen to complete coursework in Leadership in Nursing Option or Clinical Nursing Expertise Option, along with Master's students in the Health Sciences Teacher Education programme.

Prerequisites and co-requisites:

No prerequisites required

Recommended optional programme components:

The course is an independent entity and does not require additional studies carried out at the same time.

Recommended or required reading:

Oermann MH (2015). Teaching in nursing and role of the educator.

Additional current international literature and research studies.

Assessment methods and criteria:

Active participation in online learning, completion of the required online assignments and exam. Self- and teacher assessment will be used during the course. A competence-based evaluation matrix will be used. Students' competence will be evaluated based on the online assignments (pass/to be supplemented) and exam (1-5, fail).

Read more about [assessment criteria](#) at the University of Oulu webpage.**Grading:**

1-5 / fail. The grade in the course is based on the exam score.

Person responsible:

University teacher

353309S: Management and Leadership of Client-Centred Services in Nursing, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Outi Kähkönen

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay353309S Management and Leadership of Client-Centred Services in Nursing (OPEN UNI) 5.0
op

ECTS Credits:

5 ECTS cr / 135 hours of work

Language of instruction:

Finnish/English

Timing:

1st spring semester, 3rd period

Learning outcomes:

Upon completion of the course the student will be able to:

- evaluate and manage activities on a regional and national level to meet the changing needs of population health
- utilize patient and customer feedback to lead the development of practices
- analyze and evaluate different methods of counselling in order to strengthen inclusion and customer-oriented health promotion services
- plan and implement customer-oriented material and methods related to counselling while utilizing technology
- work collaboratively to develop customer-oriented services together with educational organizations, companies and the third sector
- develop a working life-oriented project plan and analyze the role of the manager/leader during the different phases of the project
- strengthen the importance of education in nursing science as a means for effective care in partner organizations.

Contents:

1. Health promotion
2. Effective patient counselling
3. Strengthening of customer and patient engagement and adherence to care
4. Innovative technological solutions
5. Project plan

Mode of delivery:

Blended teaching. Collaboration with a company.

Learning activities and teaching methods:

Course info 2 h, expert lectures and workshops 10 h, educational site visit 4 h, launching working life cooperation 7 h, independent and collaborative learning in the online learning environment 38 h, familiarization with literature, searching for and critically appraising appropriate literature 30 h, project plan 40 h and a presentation of the project plan in a workshop 4 h.

Target group:

Nursing Science students who have chosen to complete coursework in Leadership in Nursing Option

Prerequisites and co-requisites:

Completion of 353308S Development of Nursing in Multiprofessional Work Environments 5 ECTS cr.

Recommended optional programme components:

The course is an independent entity and does not require additional studies carried out at the same time.

Recommended or required reading:

Current learning material, research literature and scientific articles related to the topic. The study material related to the course will be confirmed at the beginning of the course.

Assessment methods and criteria:

Students will work collaboratively to develop a project plan with an organization of their choice, which is then evaluated. Evaluation is based on the principles of developmental evaluation and conducted as self-, peer and teacher evaluation.

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1 - 5/ fail

Person responsible:

University lecturer and university teacher

Working life cooperation:

Project plan in cooperation with working life

Other information:

The course will be conducted during the academic year 2019-2020 and include the same content as the course 353314S Role of Clinical Nurse Specialists in Changing Environments, which is offered through the Clinical Nursing Expertise Option.

353310S: Managing Knowledge to Lead Change, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Outi Kähkönen

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS cr / 135 hours of work

Language of instruction:

Finnish/English

Timing:

1st spring semester, 4th period.

Learning outcomes:

Upon completion of the course the student will be able to:

- work as a nursing leader in the planning, implementation and evaluation of evidence-based practices while taking into consideration changes in social and healthcare environments
- use analytical thinking and problem-solving skills while leading challenges related to evidence-based practice
- as a nursing leader, scientifically develop clinical nursing practices, and establish and bring evidence-

based knowledge into practice

- work in a multidisciplinary team in the role of a nursing leader and as an advocate for nursing and nursing science.

Contents:

1. The process of evidence-based practice and evaluation of effectiveness
2. Support structures of evidence-based practice
3. Management of evidence-based practice

Mode of delivery:

Blended teaching/Flipped learning

Learning activities and teaching methods:

Flipped learning will be implemented in this course. Course info and instructions 2 h, active expert lectures 20 h, preparation for lectures and familiarization with the literature 60 h, learning diary (blog) 25 h, preparation for the exam 23 h, final workshop 2 h, examination 3 h.

Target group:

Nursing Science students who have chosen to complete coursework in Leadership in Nursing Option.

Prerequisites and co-requisites:

Completion of 353308S Development of Nursing in Multiprofessional Work Environments 5 ECTS cr and 353309S Client-centered services and management in nursing 5 ECTS cr.

Recommended optional programme components:

The course is an independent entity and does not require additional studies carried out at the same time.

Recommended or required reading:

Current learning material, research literature and scientific articles related to the topic. The study material related to the course will be confirmed at the beginning of the course.

Assessment methods and criteria:

Completion of the course requires active participation in contact teaching (at least 80 %) and careful preparation along with successful completion of the learning diary and exam. There is continuous teacher assessment during the course.

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1-5 / fail. The grade in the course is based on the exam score.

Person responsible:

University teacher and university lecturer

Working life cooperation:

Working life experts will be utilized during the course.

Other information:

The course will be conducted during the academic year 2019-2020 and include the same content as the Leadership in Nursing Option course 353315S Role of Specialists in Clinical Nursing Science in Implementing Evidence into Practice.

353311S: Role of Nursing Leadership in Evidence-Based Practice, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS cr / 135 hours of work

Language of instruction:

Finnish/English

Timing:

2nd autumn semester, 1st period

Learning outcomes:

Upon completion of the course the student will be able to:

- evaluate the management of evidence-based practice from different perspectives
- holistically manage the work well-being of work communities
- manage, develop and evaluate the diverse competence needed in work communities
- support and find solutions for various challenges that are faced in work communities.

Contents:

Role of the nursing leader in the development, implementation and evaluation of evidence, management of employees, work well-being, change processes, and conflict situations.

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Course info 8 h, expert lectures and workshops (drama/simulation exercises) 20 h. familiarization with literature; searching for and critically appraising literature 52 h. collaborative learning 55 h.

Target group:

Nursing Science students who have chosen to complete coursework in Leadership in Nursing Option.

Prerequisites and co-requisites:

The following courses are to be completed:

353308S Development of Nursing in Multiprofessional Work Environments

353231A Introduction to Health Pedagogy

353309S Management and Leadership of Client-Centred Services in Nursing

353310S Managing Knowledge to Lead Change

Recommended optional programme components:

The course is an independent entity and does not require additional studies carried out at the same time.

Recommended or required reading:

Current learning material, research literature and scientific articles related to the topic.

Assessment methods and criteria:

Completion of the course requires participation in lectures and workshops (100 %).

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass / fail

Person responsible:

University lecturer

Working life cooperation:

Working life experts will be utilized during the course.

353312S: Clinical Training Experience for Development of Leadership Competence, 10 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

10 ECTS cr / 270 hours of work

Language of instruction:

Finnish/English

Timing:

2nd autumn semester, 2nd period and spring 3rd period

Learning outcomes:

Upon completion of the course the student will be able to:

- work in multidisciplinary expert groups and manage issues and people in different working environments
- analyze and produce expert material needed to support decision-making and use various digital methods of presentation to bring these forward
- apply evidence-based knowledge and decision-making skills during his/her clinical training
- evaluate personal, work community and group competence/practices and develop a project plan for the evidence-based development of the organization's practices
- recognize the importance for monitoring continuous personal development and future developmental challenges and directions in healthcare management and embrace the challenging role of a leader in the management of evidence-based practice.

Contents:

The clinical training is completed in a social and healthcare organization according to a personal plan. Writing a clinical training plan and a final report.

Mode of delivery:

Management clinical training at the selected organization.

Learning activities and teaching methods:

Parts of the clinical training:

Part 1: Info on the clinical training, 1. spring semester (2 h)

Part 2: Development of an individual clinical training plan in collaboration with the selected organization (22 h)

Part 3: Completion and evaluation of the clinical training (230 h)

Part 4: Writing the final report (10 h)

Part 5: Research clubs (2 h)

Part 6: Workshop (4 h)

Target group:

Nursing Science students who have chosen to complete coursework in Leadership in Nursing Option.

Prerequisites and co-requisites:

Previous coursework in Leadership in Nursing Option to be completed.

Recommended optional programme components:

The course is an independent entity and does not require additional studies carried out at the same time.

Recommended or required reading:

Current learning material, research literature and scientific articles related to the topic.

Assessment methods and criteria:

Planning, completion and evaluation of the clinical training together with the supervisor. Writing a clinical training plan and a final report. Self-assessment/reflection on personal development in expertise. Participation in research clubs and workshops. Continuous evaluation and a competence-based evaluation matrix will be used.

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass / fail

Person responsible:

University teacher

Working life cooperation:

The working life-oriented clinical training will be conducted in the organization of the student's choice.

A540309: Clinical Nurse Specialist Option, 35 op**Voimassaolo:** 01.08.2018 -**Opiskelumuoto:** Intermediate Studies**Laji:** Study module**Vastuuyksikkö:** Health Sciences**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish

Ei opintojaksokuvauksia.

*Compulsory***353308S: Development of Nursing in Multiprofessional Work Environments, 5 op****Voimassaolo:** 01.08.2019 -**Opiskelumuoto:** Advanced Studies**Laji:** Course**Vastuuyksikkö:** Health Sciences**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Pirjo Kaakinen, Outi Kähkönen**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay353308S Development of Nursing in Multiprofessional Work Environments (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS cr / 135 hours of work

Language of instruction:

Finnish/English

Timing:

1st autumn semester, 1st period

Learning outcomes:

Upon completion of the course the student will be able to:

- analyse and evaluate current societal knowledge related to clinical nursing practice and nursing science and draw conclusions based on these.
- categorise models of expertise and tasks in multidisciplinary teams
- evaluate the needs for change in service systems
- plan activities that are based on professional ethics and legal premises
- assess personal future competence in the role of an expert and in multidisciplinary operational environments.

Contents:

1. Foundation and specific features of clinical nursing and nursing science
2. Models of expertise
3. Research in nursing science to support clinical nursing practice
4. Competence profile

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Introduction to the course 2 h, expert lectures and workshops 20 h, independent and collaborative learning in online learning environment 37 h, familiarization with the literature, searching for and critical appraisal of appropriate literature 30 h, development of a competence profile 40 h and presentation in a seminar 6 h.

Target group:

Nursing Science students who have chosen to complete coursework in Leadership in Nursing Option or Clinical Nursing Expertise Option.

Recommended optional programme components:

The course is an independent entity and does not require additional studies carried out at the same time.

Recommended or required reading:

Current learning material, research literature and scientific articles related to the topic. The study material related to the course will be confirmed at the beginning of the course.

Assessment methods and criteria:

Completion of the course requires active participation in contact teaching (at least 80 %). Requires online learning and successful completion of learning assignments.

There is continuous self-, peer- and teacher assessment during the course.

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1-5 / fail. The grade in the course is based on the competence profile.

Person responsible:

University lecturer and university teacher

Working life cooperation:

No working life cooperation

353231A: Introduction to Health Pedagogy, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Jonna Juntunen, Heli-Maria Kuivila

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay353231A Introduction to Health Pedagogy (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS cr / 135 hours of work

Language of instruction:

Finnish/English

Timing:

1 st autumn semester, 2nd period

Learning outcomes:

Upon completion of the course the student will be able to:

- plan education and teaching in an evidence-based manner

- evaluate different learning theories, learning strategies, learning processes, and teaching methods
- analyze one's own perspective of learning
- evaluate different learning environments and work in online environments utilizing digital learning materials.

Contents:

Evidence-based teaching. Perspectives and viewpoints of learning. Learning strategies. Learning processes. Teaching methods. Learning environments.

Mode of delivery:

The course is delivered as an online course in Finnish and English.

Learning activities and teaching methods:

Online learning and assignments 132 h and online exam (e-EXAM) 3 h.

Target group:

Nursing Science students who have chosen to complete coursework in Leadership in Nursing Option or Clinical Nursing Expertise Option, along with Master's students in the Health Sciences Teacher Education programme.

Prerequisites and co-requisites:

No prerequisites required

Recommended optional programme components:

The course is an independent entity and does not require additional studies carried out at the same time.

Recommended or required reading:

Oermann MH (2015). Teaching in nursing and role of the educator.
Additional current international literature and research studies.

Assessment methods and criteria:

Active participation in online learning, completion of the required online assignments and exam. Self- and teacher assessment will be used during the course. A competence-based evaluation matrix will be used. Students' competence will be evaluated based on the online assignments (pass/to be supplemented) and exam (1-5, fail).

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1-5 / fail. The grade in the course is based on the exam score.

Person responsible:

University teacher

353314S: Role of Specialists in Clinical Nursing Science in Changing Environments, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Outi Kähkönen

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay353314S Role of Specialists in Clinical Nursing Science in Changing Environments (OPEN UNI)
5.0 op

ECTS Credits:

5 ECTS cr / 135 hours of work

Language of instruction:

Finnish/English

Timing:

1st spring semester, 3rd period

Learning outcomes:

Upon completion of the course the student will be able to:

- evaluate and manage the changing health needs of the population on a national and international level
- utilize patient and customer feedback in the development of practices
- analyze and evaluate different methods of counselling in order to strengthen inclusion and customer-oriented health promotion services
- plan and implement customer-oriented material and methods related to counselling while utilizing technology
- work collaboratively to develop customer-oriented services together with educational organizations, companies and the third sector
- develop a working life-oriented project plan and analyze the role of the expert during the different phases of the project
- strengthen the importance of education in nursing science as a means for effective care in partner organizations.

Contents:

1. Health promotion
2. Effective patient counselling
3. Strengthening of customer and patient engagement and adherence to care
4. Innovative technological solutions
5. Project plan

Mode of delivery:

Blended teaching. Collaboration with a company.

Learning activities and teaching methods:

Course info 2 h, expert lectures and workshops 10 h, educational site visit 4 h, launching working life cooperation 7 h, independent and collaborative learning in the online learning environment 38 h, familiarization with literature, searching for and critically appraising appropriate literature 30 h, project plan 40 h and a presentation of the project plan in a workshop 4 h.

Target group:

Nursing Science students who have chosen to complete coursework in Clinical Nursing Expertise Option.

Prerequisites and co-requisites:

Completion of 353308S Development of Nursing in Multiprofessional Work Environments 5 ECTS cr.

Recommended optional programme components:

The course is an independent entity and does not require additional studies carried out at the same time.

Recommended or required reading:

Current learning material, research literature and scientific articles related to the topic. The study material related to the course will be confirmed at the beginning of the course.

Assessment methods and criteria:

Students will work collaboratively to develop a project plan with an organization of their choice, which is then evaluated. Evaluation is based on the principles of developmental evaluation and conducted as self-, peer and teacher evaluation.

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1-5 / fail. The grade in the course is based on the competence profile.

Person responsible:

University lecturer and university teacher

Working life cooperation:

Working life oriented project plan

Other information:

The course will be conducted during the academic year 2019-2020 and include the same content as the Leadership in Nursing Option course 353309S Management and Leadership of Client-Centred Services in Nursing.

353315S: Role of Specialists in Clinical Nursing Science in Implementing Evidence into Practice, 5 op

Voimassaolo: 01.08.2019 -

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Outi Kähkönen

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS cr / 135 hours of work

Language of instruction:

Finnish/English

Timing:

1st spring semester, 4th period

Learning outcomes:

Upon completion of the course the student will be able to:

- work as a clinical nurse specialist in the planning, implementation and evaluation of evidence-based practices while taking into consideration changes in social and healthcare environments
- use analytical thinking and problem-solving skills while solving challenges related to evidence-based practice
- as an expert, scientifically develop clinical nursing practices, and establish and bring evidence-based knowledge into practice
- work in a multidisciplinary team in the role of an expert and as an advocate for nursing and nursing science.

Contents:

1. The process of evidence-based practice and evaluation of effectiveness
2. Support structures of evidence-based practice
3. Management of evidence-based practice

Mode of delivery:

Blended teaching/ Flipped learning

Learning activities and teaching methods:

Flipped learning will be implemented in this course. Course info and instructions 2 h, active expert lectures 20 h, preparation for lectures and familiarization with the literature 60 h, learning diary (blog) 25 h, preparation for the exam 23 h, final workshop 2 h, examination (e-EXAM) 3 h.

Target group:

Nursing Science students who have chosen to complete coursework in Clinical Nursing Expertise Option.

Prerequisites and co-requisites:

Completion of 353308S Development of Nursing in Multiprofessional Work Environments 5 ECTS cr and 353309S Management and Leadership of Client-Centred Services in Nursing 5 ECTS cr.

Recommended optional programme components:

The course is an independent entity and does not require additional studies carried out at the same time.

Recommended or required reading:

Current learning material, research literature and scientific articles related to the topic. The study material related to the course will be confirmed at the beginning of the course.

Assessment methods and criteria:

Completion of the course requires active participation in contact teaching (at least 80 %) and careful preparation along with successful completion of the learning diary and exam.

There is continuous teacher assessment during the course.

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

1-5 / fail. The grade in the course is based on the exam score.

Person responsible:

University teacher and university lecturer

Working life cooperation:

Working life experts will be utilized during the course

Other information:

The course will be conducted during the academic year 2019-2020 and include the same content as the Leadership in Nursing Option course 353310S Managing Knowledge to Lead Change.

352226S: Clinical training, 10 op

Voimassaolo: 01.08.2016 -

Opiskelumuoto: Advanced Studies

Laji: Practical training

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Jonna Juntunen

Opintokohteen kielet: Finnish

ECTS Credits:

10 ECTS cr / 270 hours of work

Language of instruction:

Finnish / English

Timing:

2nd autumn semester, 1st and 2nd period

Learning outcomes:

Upon completion of the course the student will be able to:

- work in multidisciplinary expert groups and manage issues and people in different working environments
- develop competence in expertise and change management
- apply evidence-based knowledge and decision-making skills during his/her clinical training
- recognize the importance for monitoring continuous personal development and future developmental challenges and directions in healthcare and in different nursing/nursing science expert roles
- work in changing working life situations and use creative problem-solving skills and innovativeness.

Contents:

The clinical training is completed in a social and healthcare organization according to a personal plan. Writing a clinical training plan and a final report.

Mode of delivery:

Expert clinical training at the selected organization.

Learning activities and teaching methods:

Parts of the clinical training:

Part 1: Info on the clinical training, 1. year spring semester(2 h)

- Part 2: Development of an individual clinical training plan in collaboration with the selected organization (22 h)
 Part 3: Completion and evaluation of the clinical training (230 h)
 Part 4: Writing the final report (10 h)
 Part 5: Research clubs (2 h)
 Part 6: Workshop (4 h)

Target group:

Master's students in Nursing Science who have chosen to complete coursework in Clinical Nursing Expertise Option

Prerequisites and co-requisites:

Previous coursework in Clinical Nursing Expertise Option to be completed.

Recommended optional programme components:

The course is an independent entity and does not require additional studies carried out at the same time.

Recommended or required reading:

Current learning material, research literature and scientific articles related to the topic.

Assessment methods and criteria:

Planning, completion and evaluation of the clinical training together with the supervisor. Writing a clinical training plan and a final report. Self-assessment/reflection on personal development in expertise.

Participation in research clubs and workshops.

Continuous evaluation and a competence-based evaluation matrix will be used.

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass / fail

Person responsible:

University teacher

Working life cooperation:

The working life-oriented clinical training will be conducted in the organization of the student's choice.

Other information:

This course description is meant for students with study right according to the 2019-2020 Curriculum.

351180S: Fundamentals of clinical care and nursing science, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Jonna Juntunen, Pirjo Kaakinen

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS cr / 135 hours of work

Language of instruction:

Finnish / English

Timing:

2nd spring semester, 3rd period

Learning outcomes:

Upon completion of the course the student will be able to:

- apply and utilize previous competence in research and development in the planning and implementation of a training event

- create new approaches in continuing education and produce evidence-based digital training material and try out different training/teaching methods in different learning environments
- analyze, monitor and interpret the future needs of working life at both the national and international level
- evaluate personal teaching/trainer competence along with the competence of other students.

Contents:

The course is completed as a working life-oriented clinical training, which is part of continuing education. Planning and implementation of teaching, which is part of continuing education. Competence in teaching, team teaching. Development of learning material. Online tutoring and counselling. Reporting on the training event. Self- and peer assessment. Recognition of personal expertise. Individual learning diary.

Mode of delivery:

The course is carried out through contact teaching and through collaboration with working life during clinical training.

Learning activities and teaching methods:

Course info 4 h, familiarization with Moodle virtual learning environment 2 h, familiarization with the literature, search and critical appraisal of appropriate literature 40 h, planning and implementation of teaching content 70 h, learning diary 18 h, feedback discussion 1 h.

Target group:

Nursing Science students who have chosen to complete coursework in Clinical Nursing Expertise Option

Prerequisites and co-requisites:

Previous coursework in Clinical Nursing Expertise Option and research methods to be completed.

Recommended optional programme components:

The course is an independent entity and does not require additional studies carried out at the same time.

Recommended or required reading:

Current learning material, research literature and scientific articles related to the topic.

Assessment methods and criteria:

Completion of the course requires an approved teaching plan and completion of teaching. Active participation in the info, Moodle-training and feedback discussions. The training event will be evaluated through self- and teacher evaluation.

Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass / fail

Person responsible:

University teacher

Working life cooperation:

This course is completed as a working life-oriented clinical training, which is part of continuing education.

Other information:

This course description is meant for students with study right according to the 2019-2020 Curriculum.