

Opasraportti

FMed - Health Management Science (2016 - 2017)

DEGREE PROGRAMME IN HEALTH MANAGEMENT SCIENCE

CURRICULUM 2016-2017

The Bachelor's degree (BHSc) and Master's degree (MHSc) in Health Sciences in the University of Oulu are based on the Government Decree on University Degrees [794/2004](#). The degree programme in Health Management Sciences leads first to the degree of Bachelor of Health Sciences (180 ECTS cr) and further to the degree of Master of Health Sciences (120 ECTS cr). The studies are multidisciplinary in the degree programme of Bachelor of Health Sciences (first-cycle university degree), so that the curriculum of the three different degree programs (Nursing Sciences, Health Management Sciences, Teacher Education Programme in Health Sciences) is identical to all undergraduate health science students irrespective of chosen specialization. Students selected to the degree programme in Health Management Sciences have health management science as their major subject. The students do their Bachelor thesis and learning tasks in their field of specialization. The degree of Master of Health Sciences (second-cycle university degree) is differentiated according to the chosen specialization. After completing the Master's degree, the student is eligible for applying for further academic education (doctoral degree).

Those who have completed the Degree Programme in Health Management Science, qualify for various positions in social welfare and public health care. These include such positions in planning, development, research, teaching and management on both national and international level.

In the beginning of the studies, the student is linked with a tutor who acts as a small group supervisor and as a personal teacher for the student. All students draft their own personal study plan (e-HOPS). The implementation of teaching is in accordance with the decision by University of Oulu (KN 17.9.2014) regarding four teaching periods during the time period 29.8.2016 -12.5.2017. Additionally there is a period for examinations and for catching up 15.5. - 26.5.2017. Furthermore, it is possible to take a part of the courses during the summer term. A separate announcement is made of the courses offered during the summer term by the end of February.

All students of University of Oulu may become exchange students if they so wish and to take a part of their courses (e.g. free choice studies, practice) in an institution of higher education abroad. The time period for studies as an exchange student is 3-12 months and a student may become an exchange student when they have finished one year of studies at University of Oulu. The student and the coordinator for international affairs will make a decision together regarding the time period for studies as an exchange student and for an individual study plan. In case the student is doing the practice unit of their studies as an exchange student, the student first agrees about this with the teacher responsible for the practice unit and with the person responsible for international affairs. After this the student is in contact with the student centre in order to apply for the place of practice and in order to apply for possible funding.

During their studies the students are asked to give feedback for each study unit, for each academic year, in connection with small group supervision and with a nationwide Bachelor's Degree feedback form. The feedback is processed in the planning committee for education in the Research Unit of Nursing Science and Health Management and it is used for developing the quality of study units, curriculum and education.

MULTIDISCIPLINARY BACHELOR'S DEGREE PROGRAMME IN HEALTH SCIENCES (BHSc) 180 ECTS credits

The Bachelor's degree in health sciences includes a wide range of scientific, theoretical and methodology studies, and studies grounded in expertise of professional working communities.

Learning Objectives for the Degree Programme Bachelor of Health Sciences

The learning objectives of the Degree Programme correspond to the aims of the Finnish [National Framework for Qualifications and Other Learning](#).

Having obtained the degree of Bachelor of Health Sciences the students are able:

to explain the foundations of health science in the changing and multicultural environment of health care and to observe and interpret the development of health care and health sciences;

to use scientific and critical thinking, technology and scientific methods, and approaches creatively in obtaining, producing and evaluating relevant research data;

to apply gained knowledge critically and creatively in professional situations and problem solving;

to work as an expert in one's own field in multidisciplinary settings of social welfare and health care services in a cooperative manner;

to make independent decisions and act independently according to the ethical principles of health sciences;

to take responsibility for the development and evaluation of own, other individuals' and groups' competences;

to have competence in communicating in one's mother tongue, in one additional official language spoken in Finland and in at least one foreign language;

to further qualify for a postgraduate degree and continued learning.

Structure of the Multidisciplinary Bachelor's Degree Programme in Health Sciences

[Course Structure Diagram 2016-2017](#)

In University of Oulu Bachelor's Degree Programme consists of following areas of competencies: Development in Academic Expertise, Language and Communication Skills, Health Sciences, Scientific Practice and Research Skills, Minor Subject and Optional Studies. The students do their Bachelor thesis in their field of specialization so that they can apply their expertise in the field.

GENERAL STUDIES 25 ECTS cr

Development in Academic Expertise 6 ECTS cr

Having completed this area of competence student will be able to operate in the community of the university and in professional networks. The student will be able to explain the relation between education and professional life in the development of expertise.

Studies included in the area of competence:

350041Y Academic Study and Expertise in Health Sciences, part I-II 6 ECTS cr:

350001Y Academic Study and Expertise in Health Sciences, part I: Guidance for Study and Working Experience, Study Tutorials 1 ECTS cr

350044Y Academic Study and Expertise in Health Sciences, part II: Academic Study and Working Life Training 5 ECTS cr

Language and Communication Skills 19 ECTS cr

Having completed this area of competence the student has the needed skills in writing and presenting according to the principles of scientific communication. The student recognizes the properties of scientific information, understands the research process, and is able to obtain, apply, report and evaluate scientific information. Additionally, the student will have the ability to communicate at a satisfactory level in the second national language and one foreign language.

Studies included in the area of competence:

901040Y Second Official Language (Swedish), Written Skills 1 ECTS cr

901041Y Second Official Language (Swedish), Oral Skills 2 ECTS cr

902008Y Academic English 3 ECTS cr

900008Y Basics of Oral Communication 3 ECTS cr

A500105 Knowledge and Research I-III 10 ECTS cr including

Knowledge and Research I-II 6,5 ECTS cr

Knowledge and Research III 3,5 ECTS cr

A500105 Knowledge and Research I-II 6,5 ECTS cr:

040021Y Knowledge and Research I: Tools 1 ECTS cr

040022Y Knowledge and Research I: Written assignment 1,5 ECTS cr

040024Y Knowledge and Research II: Literature retrieval 4 ECTS cr

A500105 Knowledge and Research III 3,5 ECTS cr:

040025Y Knowledge and Research III: Lessons and written examination 1,5 ECTS cr

040026Y Knowledge and Research III: Small group exercises 1 ECTS cr

040027Y Knowledge and Research III: Practical project 1 ECTS cr

BASIC STUDIES 25 ECTS cr and INTERMEDIATE STUDIES 45 ECST cr

Health Sciences 60 ECTS cr

The Research Unit of Nursing Sciences and Health Management in the University of Oulu deals with areas of individual and communal interest in health from the perspectives of health care, education and management. Having completed this area of competence the student knows the foundations and foundational operational principles of Finnish health care and Finnish health care education. The student is able to define objects of research in nursing science and health management science in evidence based operation of health care and the student gains preliminary knowledge in theory development in health sciences.

The intermediate studies in health sciences include 45 ECTS credits. If the student has completed equivalent studies in health sciences 35 ECTS credits previously, the additional 10 ECTS credits should be supplemented.

Basic studies included in the area of competence:

351203P Introduction to Health Sciences 5 ECTS cr

351204P Foundations of Philosophy and Research Methods in Health Sciences 5 ECTS cr

351205P Foundations of Health Care Education 5 ECTS cr

351206P Health Care Systems in Finland and Inter-professional Networking 5 ECTS cr

351207P Foundations of Health Care Legislation 5 ECTS cr

Intermediate studies included in the area of competence:

351138A Legal Aspects of Health Care 5 ECTS cr

352232A Health Management Science 10 ECTS cr

352233A Nursing Science 10 ECTS cr

352114A Bachelor Thesis and Written Maturity Test 10 ECTS cr (separate code for maturity test 352514A 0 ECTS cr)

Scientific Practices and Research Skills 10 ECTS cr

Having completed this area of competence the student will know the foundations of philosophy of science in health sciences and the most common methods of collecting and analyzing research data with further skills in planning, executing, and reporting health sciences research.

Studies included in the area of competence:

352251 Qualitative Research Methods in Health Sciences 5 ECTS cr

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

MINOR SUBJECT 25 ECTS cr

The minor subject studies for the undergraduate degree in Bachelor of Health Sciences need to include at least one study module of university level with not less than 25 ECTS cr. Also study modules (basic or subject studies) of at least 25 ECTS cr completed at other universities or Open University may be credited in the minor subject.

Following study module arranged by the Research Unit of Nursing Science and Health Management may be included in Minor Studies:

Health Promotion 25 ECTS cr:

352261A Health Promotion 10 ECTS cr

353113S The Effective Patient Education in Nursing and Nursing Science 8 ECTS cr

335562A_Supportive Environments for Health and Wellbeing 7 ECTS cr

Registration for studies in Health Promotion in WebOodi by Sept 30, 2016.

Student may start minor subject for their later degree in Master of Health Sciences during their undergraduate studies according to their Personal Study Plan (e-PSP).

OPTIONAL STUDIES 60 ECTS cr

Optional studies are basic studies, intermediate studies or advanced studies and study modules completed at the Research Unit of Nursing Sciences and Health Management or other units of the University of Oulu and at other national/international universities. Optional studies may include single study units.

Arrangements for Recognition of Prior Learning

Recognition of prior learning (RPL) follows the main principles as defined by the University of Oulu. According to regulations of the University of Oulu, paragraph *Accreditation of studies taken elsewhere and recognition of prior learning* (§ 27), the principles concerning accrediting studies taken in other Finnish and foreign universities and other educational institutions are stipulated in the curriculum or other regulations, unless they have not been stipulated elsewhere. Decision on recognition of prior learning for each student is made by the responsible of the degree programme in question.

<http://www.oulu.fi/english/studying/supporting-your-studies/recognition-prior-learning-rpl>

Provisions of Prior Learning Recognition at the Research Unit of Nursing Science and Health Management

Studies in the field of health care to be credited from a university of applied sciences or from vocational qualifications (length of studies at least 3.5 years) do not require separate application procedure in the recognition of prior learning (RPL).

Basic and intermediate studies to be recognized from Open University and other universities than University of Oulu will be credited on the basis of witnessed certificate, if the studies were previously completed and accepted as complete study modules. There is no set time limit for the accreditation of study modules. Accredited studies need to correspond with university level and be applicable to the relevant studies of the degree programme.

Individual study units to be credited from Open University or other universities than University of Oulu require separate application procedure in RPL. Individual study units older than five years will not be accredited. During the implementation process of the new curriculum (2014-2017) these cases may be dealt with individually.

Studies, which are registered as a part of a previous degree may not be credited towards a new degree. However, through the RPL-process previously acquired knowledge may be identified and recognized.

Accreditation application forms can be found in web-pages of the Faculty of Medicine, Oulu University <http://www.oulu.fi/ltk/node/1617>.

Accreditation application has to be submitted to the teacher responsible for the study unit and further dealt with by the head of the Degree Programme of Health Management Science Professor Leena Turkki. The decisions on credit transfer for language and communication studies are made through the Languages and Communication Extension School.

Studies to be credited towards Bachelor's Degree in Health Sciences

Language and Communication Skills

901040Y Second Official Language (Swedish), Written Skills 1 ECTS cr

901041Y Second Official Language (Swedish), Oral Skills 2 ECTS cr

Earlier language studies can be credited in following cases:

1) Student has completed corresponding study unit in other university or institution than University of Oulu or in other faculty of the University of Oulu. For accreditation the completed study unit has to correspond to study units in question in number of ECTS cr, quality and content. Acceptable difference in number of ECTS cr between completed and to be credited study unit can be 1 ECTS cr.

2) Student has completed corresponding study unit in Summer University or in Open University. For accreditation the completed study unit has to correspond to study units in question in number of ECTS cr, quality and content provided by the degree requirements of the faculty. Acceptable difference in number of ECTS cr between completed and to be credited study unit can be 1 ECTS cr.

3) Language studies completed in the Universities of Applied Sciences can be credited if they correspond to study units in question in number of ECTS cr, quality and content provided by the degree requirements of the faculty. Acceptable difference in number of ECTS cr between completed and to be credited study unit can be 1 ECTS cr.

The student can take the final exam of the study unit without participation in the lessons provided that she/he has worked or lived lengthy in Swedish speaking linguistic area or she/he is from a bilingual family. The exam consist of written and oral assignment.

Student with Swedish as her/his mother tongue will complete corresponding studies in Finnish. Should the student have been excused from the Swedish language studies already in comprehensive school, she/he will apply for corresponding exemption from one's own faculty.

902008Y Academic English 3 ECTS cr

The course can be credited based on prior qualification in health care from university of applied sciences.

900008Y Basics of Oral Communication 3 ECTS cr

The course can be credited base on prior qualification in health care from university of applied sciences.

Health Sciences

The basic studies in Health Sciences 25 ECTS cr can be credited with applicable study module in health sciences based on prior qualification in health care from university of applied sciences or other universities.

Optional Studies

Based on prior qualification in health care from university of applied sciences and vocational qualifications optional studies of Bachelor's Degree in Health Sciences can be credited with 60 ECTS cr.

Based on a previous Master's degree from a university of applied sciences and / or other universities, 25 – 50 ECTS cr may be credited by the decision of the head of the degree programme. The student must submit a written statement of how the previous studies supplement the current degree studies in health sciences (RPL process).

Studies of Bachelor Degree in Health Sciences per Term

1st term / autumn

Development in Academic Expertise

General studies

350001Y Academic Study and Expertise in Health Sciences, part I: Guidance for Study and Working Experience, Study Tutorials 1 ECTS cr

Language and Communication Skills

General studies

A500105 Knowledge and Research I – II 6.5 ECTS cr including

040021Y Knowledge and Research I: Tools 1 ECTS cr

040022Y Knowledge and Research I: Written assignment 1,5 ECTS cr

Health Sciences

Basic Studies

351203P Introduction to Health Sciences 5 ECTS cr

351204P Foundations of Philosophy and Research Methods in Health Sciences 5 ECTS cr

Intermediate studies

351138A Legal Aspects of Health Care 5 ECTS cr

352232A Health Administration Science 10 ECTS cr

352233A Nursing Science 10 ECTS cr

Minor Subject 1 ECTS cr

2nd term / spring

Development in Academic Expertise

General studies

350044Y Academic Study and Expertise in Health Sciences, part II: Academic Study and

Working Life Training 5 ECTS cr

Language and Communication Skills

General studies

902008Y Academic English 3 ECTS cr

900008Y Basics of Oral Communication 3 ECTS cr

A500105 Knowledge and Research I-II 6.5 ECTS cr including

040024Y Knowledge and Research II: Literature retrieval 4 ECTS cr

A500105 Knowledge and Research III 3.5 ECTS cr including

040025Y Knowledge and Research III: Lessons and written examination 1,5 ECTS cr

040026Y Knowledge and Research III: Small group exercises 1 ECTS cr

040027Y Knowledge and Research III: Practical project 1 ECTS cr

Health Sciences

Basic studies

351205P Foundations of Health Care Education 5 ECTS cr

351206P Health Care Systems in Finland and Inter-professional Networking 5 ECTS cr

351207P Foundations of Health Care Legislation 5 ECTS cr

Scientific Practices and Research Skills

Intermediate studies

352251A Qualitative Research Methods in Health Sciences 5 ECTS cr

Minor Subject 1 ECTS cr

3rd term / autumn

Language and Communication Skills

General studies

901040Y Second Official Language (Swedish), Written Skills 1 ECTS cr

901041Y Second Official Language (Swedish), Oral Skills 2 ECTS cr

Health Sciences

Intermediate studies

352114A Bachelor Thesis and Written Maturity Test 10 ECTS cr (separate code for maturity test 352514A 0 ECTS cr)

Scientific practices and research skills

Intermediate studies

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

Minor Subject 23 ECTS cr

MASTER OF HEALTH SCIENCES (MHSc) 120 ECTS Credits

Learning Objectives for the Degree Programme Master of Health Sciences

The learning objectives of the Degree Programme correspond to the aims of the Finnish [National Framework for Qualifications and other Learning](#).

Having attained the degree of Master of Health Sciences students are able:

to acquire and evaluate current information of health care critically and use it independently and innovatively from the viewpoint of proactive decision making perspective in relation to advanced studies of health science management;

to participate in research, expert tasks, management and development in health care;

to communicate orally and in writing in a clear and analytical manner;

to reflect on their own and to evaluate the activities and knowledge of the people acting in the operating environment;

to develop knowledge and preparedness of own and of the people acting in the operating environment according to the changing requirements of the health sector;

to conduct scientific research with scientific research methods and engage in postgraduate studies in health management science.

Structure of the Master's Degree Programme in Health Sciences

[Course Structure Diagram 2016 - 2017](#)

The Degree of Master of Health Sciences consists of following areas of competencies: Health Management Sciences, Scientific Practices and Research Skills, Minor Subject and Optional Studies.

ADVANCED STUDIES 80 ECTS cr

Health Management Sciences 70 ECTS cr

Studies included in the area of competence:

353217S Multiprofessional Management 10 ECTS cr

353208S Reflection and Application in Management part I, 5 ECTS cr

353228S Reflection and Application in Management part II, 5 ECTS cr

353224S Research Seminars 10 ECTS cr

353408S Synthesis in Health Management Science parts I-II 10op

353206S Master Thesis 30 ECTS cr:

353236S Master Thesis - research plan part I, 10 ECTS cr

353237S Master Thesis part II, 20 ECTS cr

353205S Written Maturity Test 0 ECTS cr

Scientific Practices and Research Skills 10 ECTS cr

Studies included in the area of competence:

353203S The Application of Research Methods in Health Sciences 10 ECTS cr

MINOR SUBJECT 25 ECST cr

The students may orient their studies according to their personal objectives and their Personal Study Plan (e-PSP) by including in the degree study modules of different sciences completed / to be completed in Finland or abroad.

OPTIONAL STUDIES 15 ECTS cr

Optional studies are basic studies, intermediate studies or advanced studies completed in the Research Unit of Nursing Science and Health Management at the University of Oulu, in other units of the University of Oulu and at other national/international universities.

Arrangements for Recognition of Prior Learning

Recognition of prior learning (RPL) follows the main principles as defined by the University of Oulu. According to regulations of the University of Oulu, paragraph *Accreditation of studies taken elsewhere and recognition of prior learning* (§ 27), the principles concerning accrediting studies taken in other Finnish and foreign universities and other educational institutions are stipulated in the curriculum or other regulations, unless they have not been stipulated elsewhere. The decision for accreditation of studies by individual students is made by the head of the degree programme in Health Management Science Professor Leena Paasivaara.

<http://www.oulu.fi/english/studying/supporting-your-studies/recognition-prior-learning-rpl>

Based on a previous higher degree from a university of applied sciences and /or studies completed in other universities accreditation requires separate application procedure. Application forms can be found in web-pages of the Faculty of Medicine, Oulu University: <http://www.oulu.fi/ltk/node/1617>.

Application to have credits accepted has to be submitted to the teacher responsible for the study unit and further dealt with by the head of the Degree Programme Professor Leena Turkki.

Studies to be credited towards Master's Degree in Health Sciences

Based on a previous Master's degree from a university of applied sciences and / or other universities, 25-50 ECTS credits may be credited by the head of the degree programme. The student must submit a written statement of how the previous studies supplement the current degree studies in health sciences ([RPL- process](#)).

Studies of Master Degree in Health Sciences per Semester

1st year / autumn term

Minor Subject 20 ECTS cr

Optional Studies 10 ECTS cr

1st year /spring term

Health Management Sciences

353217S Multiprofessional Management 10 ECTS cr

Scientific Practices and Research Skills

353203S The Application of Research Methods in Health Sciences 10 ECTS cr

Minor Subject 5 ECTS cr

Optional Studies 5 ECTS cr

2nd year / autumn term

Health Management Sciences

353208S Reflection and Application in Management part I, 5 ECTS cr

353204S Research Seminars 10 ECTS cr

353408S Synthesis in Health Management Science part I 5op

353236S Master Thesis - research plan, part I, 10 ECTS cr

2nd year /spring term

Health Management Sciences

353228S Reflection and Application in Management part II, 5 ECTS cr

353234S Synthesis in Health Management Science part II, 5 ECTS cr

353237S Master Thesis, part II, 20 ECTS cr

Tutkintorakenteet

Undergraduate Multidisciplinary Degree Programme in Health Sciences, BHSc

Tutkintorakenteen tila: published

Lukuvuosi: 2016-17

Lukuvuoden alkamispäivämäärä: 01.08.2016

General Studies (25 op)

Development in Academic Expertise 6 ECTS cr

350041Y: Academic Study and Expertise in Health Sciences, 2 - 6 op

350001Y: Academic Study and Expertise in Health Sciences, part I: Guidance for Study and Working Experience, Study Tutorials, 1 - 3 op

350044Y: Academic Study and Expertise in Health Sciences, part II: Academic study and Working Life Training, 5 op

Language and Information Management Studies (19 op)

Language and Communication Skills 19 ECTS cr

902008Y: Academic English, 3 op

900008Y: Basics of Oral Communication, 3 op

A500105: Knowledge and Research, 3,5 - 10,5 op

040024Y: Knowledge and research II, Literature retrieval, 4 op

040025Y: Knowledge and research, Lessons and written examination, 1,5 op

040027Y: Knowledge and research, Practical project, 1 op

040026Y: Knowledge and research, Small group exercises, 1 op

040021Y: Knowledge and research, Tools, 0,5 - 1 op

040022Y: Knowledge and research, Written assignment, 1,5 op

901041Y: Second Official Language (Swedish), Oral Skills, 2 op

901040Y: Second Official Language (Swedish), Written Skills, 1 op

Health Sciences Preliminary Studies (25 op)

Health Sciences 25 ECTS cr

351205P: Foundations of Health Care Education, 5 op

351207P: Foundations of Health Care Legislation, 5 op

351204P: Foundations of Philosophy and Research Methods in Health Sciences, 5 op

351206P: Health Care Systems in Finland and Inter-professional Networking, 5 op

351203P: Introduction to Health Sciences, 5 op

Health Sciences Subject Studies (45 op)

Health sciences 35 ECTS cr

Scientific Practices and Research Skills 10 ECTS cr

352114A: Bachelor thesis, 6 op
 352232A: Health Administration Science, 10 op
 351138A: Legal Aspects of Health Care, 3 - 5 op
 352514A: Maturity test, 0 op
 352252A: Methods of Statistical Analysis in Health Sciences, 5 op
 352233A: Nursing Science, 10 op
 352251A: Research Methods in Health Science, 5 op

Minor Subjects (vähintään 25 op)

Following study module, organized by the Research Unit of Nursing Science and Health Management (University of Oulu) may be included in Minor Studies

Health Promotion 25 ECTS cr:

352261A Health promotion 10 ECTS cr

353113S The Effective Patient Education in Nursing and Nursing Science 8 ECTS cr

335562A Supportive Environments for Health and Wellbeing 7 ECTS cr

Optional Studies (60 op)

Degree Programme in Health Management Science, MHSc

Tutkintorakenteen tila: published

Lukuvuosi: 2016-17

Lukuvuoden alkamispäivämäärä: 01.08.2016

Advanced Studies in Health Management Science (vähintään 80 op)

Health Sciences 70 ECTS cr

353206S: Master Thesis, 30 op
 353236S: Master Thesis Part I research plan, 10 op
 353237S: Master Thesis part II, 20 op
 353217S: Multiprofessional Management, 10 op
 353208S: Reflection and Application in Management part I, 5 op
 353238S: Reflection and Application in Management part II, 5 op
 353224S: Research Seminars, 10 op
 353408S: Synthesis in Health Management Science Part I, 5 - 10 op
 353205S: Written maturity test, 0 op

Studies in Methodology (vähintään 10 op)

Advanced studies in health management science

Scientific Practices and Research Skills 10 ECTS cr

353203S: The Application of Research Methods in Health Sciences, 10 op

Minor Subject (vähintään 25 op)

The students may orient their studies according to their personal objectives by including in the degree study modules of different sciences completed / to be completed in Finland or abroad in accordance with their Personal Study Plan (e-PSP)

Optional Studies (vähintään 15 op)

Basic, intermediate or advanced studies and study modules completed in the Research Unit of Nursing Science and Health Management at the University of Oulu, in other units of the university and at other national or international universities.

Opintojaksojen kuvaukset

Tutkintorakenteisiin kuuluvien opintokohteiden kuvaukset

350041Y: Academic Study and Expertise in Health Sciences, 2 - 6 op

Voimassaolo: 01.08.2014 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

6 ECTS cr

350001Y: Academic Study and Expertise in Health Sciences, part I: Guidance for Study and Working Experience, Study Tutorials, 1 - 3 op

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

1 ECTS cr

Language of instruction:

Finnish

Timing:

Autumn term. Obligatory study unit for the first year students.

Learning outcomes:

The student will integrate into the university, the multi-disciplinary scientific community and student group of one's own discipline. The student will learn to plan one's studies and career, and to evaluate one's expertise and actions as learner and in accordance with one's career plans. The student will receive a clear conception of one's studies as a part of a lifelong learning process.

Contents:

University of Oulu and the Research Unit of Nursing Science and Health Management as learning environment. Student's status, rights and obligations. Student organizations. Presentation of degree programmes, planning and assessment of one's studies, study techniques, and tutorials with one's teacher. Planning of own career - goals, recognition of one's own strengths/weaknesses, development and orientation of working life skills with the help of degree studies.

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Tutorials with one's senior tutor 3h. Contact teaching 10h including small group counselling, info-meetings. Participation in and planning of events of research unit 10h including learning development day and alumni meetings. Independent studying 4h.

Target group:

Undergraduate health science students.

Recommended or required reading:

Current scientific literature and research.

Assessment methods and criteria:

This course unit utilizes continuous assessment. Active participation in contact teaching and events, preparing of the Personal Study Plan (e-PSP) and its evaluation.

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

Grading:

Pass / fail

Person responsible:

University teacher / doctoral candidate

350044Y: Academic Study and Expertise in Health Sciences, part II: Academic study and Working Life Training, 5 op

Voimassaolo: 01.08.2016 -

Opiskelumuoto: General Studies

Laji: Practical training

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS cr

Language of instruction:

Finnish

Timing:

spring term

Learning outcomes:

The student will be able to consider the grounds of academic expertise and professional career planning as a basis of growth and development of one's own expertise. As a part of development of academic expertise the student will be able to inventively plan one's career and related activities including practical training, possibilities for employment, also in connection with preparing one's thesis. The student will be able to evaluate development of one's expertise in relation to one's previous education and professional skills. Additionally, the student is able to discuss demands and challenges of working life and possibilities for work life collaboration in the field of health care, education and management.

Contents:

Academic expertise and career planning. Professional networks and possibilities for work life collaboration.

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Lectures by experts 5 h, practical training 100 h and a portfolio 30 h.

Target group:

Undergraduate students in health sciences.

Recommended or required reading:

Current scientific literature and research.

Assessment methods and criteria:

Practical training and preparing a portfolio. The study unit includes continual self-assessment, peer-assessment and teacher's assessment.

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

Grading:

Pass / fail

Person responsible:

University teacher / university lecturer

902008Y: Academic English, 3 op

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Languages and Communication

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: English

Leikkaavuudet:

ay902008Y Academic English (OPEN UNI) 3.0 op

Proficiency level:

CEFR B2/C1

Status:

Compulsory course

Required proficiency level:

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

ECTS Credits:

3 ECTS credits

Language of instruction:

English

Timing:

1st year spring term

Learning outcomes:

Having completed the course, students will be able to

- understand and summarize academic/scientific texts of in health sciences
- use appropriate academic/scientific vocabulary of their own field in writing short text types (bio, cover letter, questionnaire, survey, summary/abstract),
- use English to communicate knowledge and express opinion in conversations related to their profession,
- respond appropriately and convincingly to the contribution of other speakers in a professional or academic conversation, meeting and/or conference,
- give a presentation on a professional or academic topic related to their field.

Contents:

-

Mode of delivery:

Contact and online teaching

Learning activities and teaching methods:

-

Target group:

Students in the degree programs of Health Sciences (nursing science, teacher education program in health sciences, and health management science).

Prerequisites and co-requisites:

-

Recommended optional programme components:

-

Recommended or required reading:

Specific texts and material prepared by the teacher. Information will be provided at the beginning of the course. Material will be available in Optima during the course for students to download and bring a print-out into class.

Assessment methods and criteria:

The course requirements include active participation in classroom work (24 hrs) and completion of home assignments (Reading journal and glossary: 20 hrs), presentation of self-selected literature (16 hrs), writing task (20 hrs). Alternatively, an end-of-course examination may be offered. Some course work can be completed online. Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

pass/fail

Person responsible:

Eva Braidwood

Working life cooperation:

-

Other information:

In line with the recognition of prior learning regulations in place at the university (see: <http://www oulu.fi/kielikoulutus/ahot>), other language courses completed in a higher educational institution will be accepted provided they cover the relevant field and level of communication (B2 on the CEFR scale). Students who completed their upper secondary or higher education in an English language programme/country, and/or IB- diploma, or passed the English language exemption test (reading comprehension and written / oral production) will be exempted from the course in accordance with the recognition of prior learning process. (See: AHOT <http://www oulu.fi/kielikoulutus/ahot>) Students who wish **to be exempted from attendance** can take an **exemption test** in reading field-related academic texts and give an academic presentation. In this way **students can obtain the credits without attendance**. The exemption exam is voluntary and can be taken only once. Students **who wish to do this should inform the contact teacher** (Eva.Braidwood(at)oulu.fi) by the end of January. The exemption test and presentation of oral production will be organised during February-March. Students not exempted in the above ways are required to participate in the course.

Information on the time and place of the classes is provided on the home pages of the Department of Health Sciences.

900008Y: Basics of Oral Communication, 3 op

Voimassaolo: 01.08.1995 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Languages and Communication

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay900008Y Basics of Oral Communication (OPEN UNI) 3.0 op

Proficiency level:

-

Status:

-

Required proficiency level:

-

ECTS Credits:

3 ECTS

Language of instruction:

Finnish

Timing:

2nd year spring term

Mode of delivery:

Contact teaching

Learning activities and teaching methods:

26 hours of contact teaching and approximately 55 hours of independent study.

Recommended optional programme components:

-

Recommended or required reading:

Material provided by the teacher.

Grading:

pass / fail

Person responsible:

Mikkola, Outi

Working life cooperation:

-

Other information:

-

A500105: Knowledge and Research, 3,5 - 10,5 op**Voimassaolo:** 09.01.2015 -**Opiskelumuoto:** Other Entity**Laji:** Study module**Vastuuyksikkö:** Medicine**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Pentti Nieminen**Opintokohteen kielet:** Finnish**Voidaan suorittaa useasti:** Kyllä

Ei opintojaksokuvauksia.

040024Y: Knowledge and research II, Literature retrieval, 4 op**Voimassaolo:** 01.08.2014 -**Opiskelumuoto:** General Studies**Laji:** Course**Vastuuyksikkö:** Medicine**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Pentti Nieminen**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay040024Y Knowledge and research II, Literature retrieval (OPEN UNI) 4.0 op

ECTS Credits:

4 ECTS

Timing:

1st year

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 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 knows basic principles in research ethics and good scientific practice.

Contents:

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, 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, Scopus, Cochrane Library, electronic books, reference management software.

Special issues in medical research:

Ethics in research, regulations in clinical research and use of animals in scientific research, research groups.

Mode of delivery:

Blended teaching.

Learning activities and teaching methods:

040024Y (4 op) Knowledge Management and Research II

Target group:

Medical, dental, health sciences and medical wellness technology students

Prerequisites and co-requisites:

None.

Recommended optional programme components:

Knowledge Management and Research II

041001Y Evidence Based Medicine

902006Y Reading for Academic Purposes

902007Y Scientific Communication

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.

Grading:

1,2,3,4,5, fail

Person responsible:

Associate professor Pentti Nieminen

040025Y: Knowledge and research, Lessons and written examination, 1,5 op

Voimassaolo: 01.08.2014 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Medicine

Arvostelu: 1 - 5, pass, fail

Opettajat: Pentti Nieminen

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay040025Y Knowledge and research, Lessons and written examination (OPEN UNI) 1.5 op

ECTS Credits:

1,5 ECTS

Timing:

2nd year

Learning outcomes:

The student knows the role of scientific publications, can use and evaluate information sources critically.

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:

Scientific communication:

Rresearch articles, critical evaluation of research findings and reporting.

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.

Target group:

Medical, dental, health sciences and medical wellness technology students

Prerequisites and co-requisites:

None.

Recommended or required reading:

Material in lessons small group lessons.

Grading:

1-5, fail

Person responsible:

Associate professor Pentti Nieminen

040027Y: Knowledge and research, Practical project, 1 op**Voimassaolo:** 01.08.2014 -**Opiskelumuoto:** General Studies**Laji:** Course**Vastuuyksikkö:** Medicine**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Pentti Nieminen**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay040027Y Knowledge and research, Practical project (OPEN UNI) 1.0 op

ECTS Credits:

1 ECTS

Timing:

2nd year

Learning outcomes:

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 report findings.

Contents:

Use of statistical software, basic methods in comparing groups and estimating associations between variables, reporting of statistical findings

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Practical project

Target group:

Medical, dental, health sciences and medical wellness technology students

Prerequisites and co-requisites:

None

Recommended or required reading:

Material in lessons small group lessons.

Assessment methods and criteria:

Completion of practical projects.

Grading:

Pass/fail

Person responsible:

Associate professor Pentti Nieminen

040026Y: Knowledge and research, Small group exercises, 1 op**Voimassaolo:** 01.08.2014 -**Opiskelumuoto:** General Studies**Laji:** Course**Vastuuyksikkö:** Medicine**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Pentti Nieminen**Opintokohteen kielet:** Finnish

Leikkaavuudet:

ay040026Y Knowledge and research, Small group exercises (OPEN UNI) 1.0 op

ECTS Credits:

1 ECTS

Timing:

2nd year

Learning outcomes:

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:

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.

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Small group exercises

Target group:

Medical, dental, health sciences 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

Grading:

Pass/fail

Person responsible:

Associate professor Pentti Nieminen

040021Y: Knowledge and research, Tools, 0,5 - 1 op

Voimassaolo: 01.08.2014 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Medicine

Arvostelu: 1 - 5, pass, fail

Opettajat: Pentti Nieminen

Opintokohteen kielet: Finnish

ECTS Credits:

1 ECTS

Timing:

1st year.

Learning outcomes:

By the end of the course the student has practiced the following skills: using information and communication technology resources in the University of Oulu, using workstations available in the Medical Faculty, applying basic software necessary in the studies. The student knows basics in scientific writing.

Contents:

Information and communication technology:

Workstations, information security and confidentiality, networks, and office software.

Guidelines for written assignments and word processing:

Structure of assignments and thesis, reporting of findings, tables and figures, citing and references.

Mode of delivery:

Blended teaching.

Learning activities and teaching methods:

040021Y (1 ECTS) Knowledge Management and Research, Tools

Target group:

Medical, dental, health sciences and medical wellness technology students

Prerequisites and co-requisites:

None.

Recommended optional programme components:

Knowledge Management and Research II

902006Y Reading for Academic Purposes

902007Y Scientific Communication

Recommended or required reading:

Material in lessons small group lessons.

Assessment methods and criteria:

Regular and active participation in the small group.

Grading:

Pass/fail

Person responsible:

Associate professor Pentti Nieminen

040022Y: Knowledge and research, Written assignment, 1,5 op

Voimassaolo: 01.08.2014 -

Opiskelumuoto: General Studies

Laji: Course

Vastuuyksikkö: Medicine

Arvostelu: 1 - 5, pass, fail

Opettajat: Pentti Nieminen

Opintokohteen kielet: Finnish

ECTS Credits:

1,5 ECTS

Timing:

1st year

Learning outcomes:

By the end of the course the student has practiced the following skills: using information and communication technology resources in the University of Oulu, using workstations available in the Medical Faculty, applying basic software necessary in the studies. The student knows basics in 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 text, and to report and apply the results especially in the fields of medicine, dentistry and health sciences.

Contents:

Information and communication technology:

Workstations, information security and confidentiality, networks, and office software.

Guidelines for written assignments and word processing:

Structure of assignments and thesis, reporting of findings, tables and figures, citing and references.

Scientific communication:

Scientific journals, research articles, critical evaluation of research findings.

Mode of delivery:

Blended teaching.

Learning activities and teaching methods:

040022Y (1,5 ECTS) Knowledge Management and Research I, Written and teaching methods assignment

Target group:

Medical, dental, health sciences and medical wellness technology students

Prerequisites and co-requisites:

None.

Recommended optional programme components:

Knowledge Management and Research II

902006Y Reading for Academic Purposes

902007Y Scientific Communication

Recommended or required reading:

Material in lessons small group lessons.

Assessment methods and criteria:

Completion of practical project.

Grading:

Pass/fail.

Person responsible:

Associate professor Pentti Nieminen.

901041Y: Second Official Language (Swedish), Oral Skills, 2 op

Voimassaolo: 01.08.2014 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Languages and Communication

Opintokohteen kielet: Swedish

Leikkaavuudet:

ay901041Y Second Official Language (Swedish), Oral Skills (OPEN UNI) 2.0 op

901040Y: Second Official Language (Swedish), Written Skills, 1 op

Voimassaolo: 01.08.2014 -

Opiskelumuoto: Language and Communication Studies

Laji: Course

Vastuuyksikkö: Languages and Communication

Opintokohteen kielet: Swedish

Leikkaavuudet:

ay901040Y Second Official Language (Swedish), Written Skills (OPEN UNI) 1.0 op

351205P: Foundations of Health Care Education, 5 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay351205P Foundations of Health Care Education (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS cr

Timing:

Autumn term

Learning outcomes:

Student is able to define and describe the general principles of Finnish social and healthcare education system (ISCED-classification) and main features of the programmes of the Finnish National Board of Education. The student is able to recognize the main goals, strategies, international collaboration and partners of the Finnish Ministry of Education and Culture. The student is able to structure achieved knowledge in learning diary and in assessment of one's learning.

Contents:

Social and health care education system. Objectives, goals and different education and training policies of Finnish education/education system. Legislation of Finnish higher education. Internationalization in Finnish higher education institutions.

Mode of delivery:

Supervised studying in the e-learning environment Optima.

Learning activities and teaching methods:

Independent studying, reading of literature 60h, peer evaluation of learning diaries 17h, evaluating received information and preparing written assignments 58h.

Target group:

Undergraduate health science students.

Recommended or required reading:

Materials/reports on website of the Ministry of Education and Culture, legislation related to higher education, publications of Central Statistical Office of Finland/ISCED.

Assessment methods and criteria:

Independent studying, familiarizing with literature and completion of written assignments. This course unit utilizes continuous assessment.

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

Grading:

Pass / fail

Person responsible:

University teacher / Doctoral candidate (nursing science)

351207P: Foundations of Health Care Legislation, 5 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay351207P Foundations of Health Care Legislation (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS cr

Timing:

Autumn term

Learning outcomes:

Student is able to define general foundations of Finnish health care legislation. Student is able to describe and critically evaluate foundations of health care management.

Contents:

Legislation in health care (promotion of health, social and health services, staff of social and health care services, equality). Legislation in health care administration, basics of health care management.

Mode of delivery:

Supervised studying in the e-learning environment "Optima".

Learning activities and teaching methods:

Independent studying, reading of literature 77h, evaluation of received information and completion of a written assignment 58h.

Target group:

Undergraduate health science students.

Recommended or required reading:

Websites and publications of the Parliament of Finland, the Ministry of Social Affairs and Health, Finland, the Central Statistical Office of Finland and the Ministry of Justice, Finland. Finnish legislation. Other relevant national and international scientific literature.

Assessment methods and criteria:

Active and independent studying. Familiarizing with literature and completion of a written assignment. This course unit is assessed on the basis of the written assignment.

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

Grading:

Pass / fail

Person responsible:

Doctoral candidate (health management science)

351204P: Foundations of Philosophy and Research Methods in Health Sciences, 5 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay351204P Foundations of Philosophy and Research Methods in Health Sciences (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS cr

Timing:

Autumn term

Learning outcomes:

The student is able to

- define the philosophy, ethics and values of health care services.
- identify and define the norms and ethical principles, which are related to status of the client and are guiding the operations in health care
- recognize the most central ethical problems in health care, compare the ethical norms and regulations revealed in health care and patient care and related to different professional and work cultures.
- critically evaluate ethical decision making in the health care.
- define Evidence Based Practice
- identify different stages of a research process
- define special characteristics of qualitative and quantitative research.
- recognize the main ethical principles of research in health sciences
- choose references relevant to one's research
- apply basics of scientific writing in one's own work

Contents:

Ethical principles and professional ethics in health care, discussion of ethical questions from different perspectives and the effect of culture in health care. Evidence-based practice. Preparation of literature review. Special characteristics of qualitative and quantitative research. Stages of a research process. Basics of scientific writing and referencing.

Mode of delivery:

Supervised studying in e-learning environment Optima.

Learning activities and teaching methods:

Independent studying and reading literature 80h, evaluating the received information and writing of the assignment 40h. Preparation for and completion of an on-line exam 15h.

Target group:

Undergraduate students in health science.

Recommended or required reading:

Materials/reports from webpages of the National Advisory Board on Social Welfare and Health Care Ethics ETENE, Ethical grounds for the social and health care field (publication 32/ETENE), and other relevant national and international scientific literature provided for in Optima.

Assessment methods and criteria:

Active and independent studying is required. Familiarizing with literature and completion of a written assignment. This course unit will be assessed based on written assignment and on-line exam. A including self-evaluation and teacher's evaluation. This course unit utilizes continuous assessment including self-evaluation and teacher's evaluation.

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

Grading:

Pass / fail

Person responsible:

Doctoral candidate (nursing science)

351206P: Health Care Systems in Finland and Inter-professional Networking, 5 op

Opiskelumuoto: Basic Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay351206P Health Care Systems in Finland and Inter-professional Networking (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS cr

Timing:

Autumn term

Learning outcomes:

Student is able to define the principles of the Finnish health care system and public health programs and compare them to those of the World Health Organization. The student is able to identify main functions and forms of inter-professional networking in health care. The student is able to deepen the knowledge achieved and apply it in one's written assignment. The student is able to plan and structure a new health promotion program and justify it ethically, scientifically and from a client's health perspective.

Contents:

Ministry of Social Affairs and Health, its goals and duties/responsibilities, strategies and programmes. National Institute for Health and Welfare, Finnish health care policy. Finnish social and health care services, organizations and social security. World Health Organization. Planning of an inter-professional health promotion programme. Inter-professional co-operation and support for the client.

Mode of delivery:

Supervised studying in the e-learning environment "Optima".

Learning activities and teaching methods:

Independent studying in "Optima". During the first part of the course: reading of literature and on-line exam 81 h. During the second part of the course: reading of literature 40h, writing an essay and designing a health promotion leaflet 20h.

Target group:

Undergraduate health science students.

Recommended or required reading:

Materials/reports on the websites of the Ministry of Social Affairs and Health, the National Institute for Health and Welfare, the World Health Organization. Finnish legislation of social and health care, relevant scientific literature.

Assessment methods and criteria:

Independent studying. During the first part: reading of literature and on-line exam. During the second part: creating a health promotion leaflet and preparation of a written assignment. In the written assignment the student gives grounds to chosen approach in the leaflet and describes the progress of the work. This course unit utilizes continuous assessment based on self-assessment and teacher's assessment.

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

Grading:

Pass / fail

Person responsible:

Doctoral candidate (health management science)

351203P: Introduction to Health Sciences, 5 op**Opiskelumuoto:** Basic Studies**Laji:** Course**Vastuuyksikkö:** Health Sciences**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay351203P Introduction to Health Sciences (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS cr

Timing:

Autumn term

Learning outcomes:

The student is able to use the online learning environment, study independently, and critically evaluate one's learning philosophy, style and process in health science studies. The student is able to define concept of science and field of sciences. The student is able to define and explain the position of health sciences in the field of sciences. The student is capable of identifying current national and international issues of health sciences from perspective of health management science, nursing science and teacher education in health science.

Contents:

E-learning environment Optima, personal learning philosophy, style and process in health science studies. Field of sciences and the position of health sciences in it. Current issues of health sciences.

Mode of delivery:

Supervised studying 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, searching of scientific literature and reading 85h, preparation for and completion of on-line exam 23h.

Target group:

Undergraduate students in health science

Recommended or required reading:

Literature and other material provided for in E-learning environment, relevant current scientific articles and literature.

Assessment methods and criteria:

Active and independent study is required. Students familiarize with literature, make literature searches, read current national and international scientific articles, produce a mind map of the course content, and complete on-line exam. This course unit utilizes continuous assessment including self-evaluation and teacher's evaluation.

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

Grading:

Pass / fail

Person responsible:

Doctoral candidate (health management science)

352114A: Bachelor thesis, 6 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay352114A Bachelor Thesis 6.0 op

Required proficiency level:

Student has to have completed the courses:

352251A Qualitative Research Methods in Health Sciences 4 ECTS cr

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

ECTS Credits:

10 ECTS

Timing:

Autumn term

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 principals where they demonstrate one's skills in scientific communication. Student is able to explain and discuss one's own thesis and to create a Bachelor scientific presentation or/and poster. The student is given a possibility to choose a topic for the Bachelor thesis from the chosen area of expertise in a professional working environment (e.g. it can be customized to suit clients needs). However, the topic has to be in line with the research projects of the research unit.

According to regulations in Government Decree on University Degrees (794/2004), 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 mastery of the topic of the thesis and skills in the use of Finnish or Swedish.

Contents:

Planning, implementation, evaluation and demonstration of a research process. 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. Written maturity test.

Mode of delivery:

Contact teaching and seminar

Learning activities and teaching methods:

Supervision and seminar in small groups 16h, peer evaluation 4h, reading and retrieving of literature 100h, writing of Bachelor thesis 130h, preparation for and completion of the maturity test 12h. Participation and presentation of the thesis in science day 8h.

Target group:

Undergraduate health science students.

Recommended or required reading:

Literature relevant to the Bachelor thesis.

Assessment methods and criteria:

Independent studying, supervision and seminar in small groups, writing of the Bachelor thesis, presenting and discussing the thesis, a written maturity test.

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

Grading:

Pass / Fail

Person responsible:

Doctoral candidate / university lecturer / research fellow / university teacher

352232A: Health Administration Science, 10 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay352232A Health Administration Science (OPEN UNI) 10.0 op

ECTS Credits:

10 ECTS cr

Timing:

Autumn term

Learning outcomes:

The student is able to search for information independently, analyze and critically evaluate information and research field of health management science, its development and history in a way that as a result of a multidisciplinary group work enables formulation of an oral presentation and an essay by utilizing information and communication technology. In the theme discussions the student is able to build a framework of national and international health politics.

Contents:

Health management science as a research field and study subject and the central concepts and approaches. Historical development of health care management.

Mode of delivery:

Contact teaching, independent studying and group work.

Learning activities and teaching methods:

Lectures 8h, independent studying 53h, written assignment 60h; theme discussion group 10h and independent studying 139h.

Target group:

Undergraduate health science students.

Recommended or required reading:

Current literature, and other material 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%.

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

Grading:

1-5 / fail

Person responsible:

Professor (health management science)

351138A: Legal Aspects of Health Care, 3 - 5 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ECTS Credits:

5 ECTS cr

Timing:

Autumn term

Learning outcomes:

Upon completion of this course unit the student is able to define the legislation that regulates production of health services. Student is able to define the judicial basics of the status of health care professionals as well as their rights and obligations. In addition student knows patients' rights and understands their significance in legal assessment and responsibility of the work of the health care professionals. Student is also able to identify the means of legal protection available to the patient.

Contents:

Production of health 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 and completion of an on-line exam 23 h.

Target group:

Undergraduate health science students.

Recommended or required reading:

[Lasse Lehtonen, Mirva Lohiniva-Kerkelä, Irma Pahlman: Terveysjuridiikka, e-book, SanomaPro, Terveysfokus.](#)

Following legislation 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) – "Treatment injury act"; currently there is no translation of this document;

Health Care Act (1326/2010)

Mental Health Act (1116/1990)

Laki yksityisestä terveydenhuollosta (152/1990) – "Act on Private Health Care" currently there is no translation of this document

Assessment methods and criteria:

Written questioning, exam.

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

1-5 / fail

Person responsible:

Part-time teacher Mirva Lohiniva-Kerkelä

352514A: Maturity test, 0 op**Voimassaolo:** 01.08.2016 -**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Health Sciences**Arvostelu:** 1 - 5, pass, fail**Opettajat:** Kristina Mikkonen**Opintokohteen kielet:** Finnish**Required proficiency level:**

Is part of the 352114A Bachelor Thesis and Written Maturity Test 10 ECTS cr participation in which requires completion of 352251A Qualitative Research Methods in Health Sciences 5 ECTS cr and Methods of Statistical Analysis in Health Sciences 5 ECTS cr.

ECTS Credits:

0 ECTS cr

Learning outcomes:

According to regulations in Government Decree on University Degrees (794/2004), 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 mastery of the topic of the thesis and skills in the use of Finnish or Swedish.

Assessment methods and criteria:

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

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

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay352252A Methods of Statistical Analysis in Health Sciences (OPEN UNI) 5.0 op

Required proficiency level:

In order to participate, student has to have completed the courses included in A500105 Knowledge Management and Research (10op).

ECTS Credits:

5 ECTS cr

Timing:

Autumn term

Learning outcomes:

Upon completion of this course the students are able to plan the collection of data, to transfer the data into a form which can be processed with a computer and are able independently to use statistical software for processing and analysis of data. The students are able to apply basic statistical methods in analyzing research questions. 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 measures. Studying associations. Multivariable methods. Regression models. Reliability. Reporting the results. Article evaluation.

Mode of delivery:

Contact teaching and group exercise.

Learning activities and teaching methods:

Lectures 28h, group exercise 21h and written assignments.

Target group:

Undergraduate health science students.

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:

Final examination, accepted written assignments and participation in group exercises

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

Grading:

Pass / fail

Person responsible:

University lecturer Pentti Nieminen

352233A: Nursing Science, 10 op

Opiskelumuoto: Intermediate Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Leikkaavuudet:

ay352233A Nursing Science (OPEN UNI) 10.0 op

ECTS Credits:

10 ECTS cr

Timing:

Autumn term

Learning outcomes:

The student is able to identify fundamentals of the philosophy and ethics of science, is able to describe the development of health sciences, schools of thought and various emphases within health sciences, and research areas. The student is able to define evidence based practice and to discuss the importance of evidence in health sciences in the development of health care.

Contents:

Fundamentals of the philosophy and ethics of science. Development of health sciences. Schools of thought and emphases, research areas. The importance of theoretical knowledge in health sciences and in the development of evidence based practice of health care.

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Lectures 20h, expert group work 20h, independent studying 115h and cooperative written assignment 115h.

Target group:

Undergraduate health science students.

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. 4. uudistettu painos. Sanoma Pro Oy. Helsinki.

Eriksson K, Leino-Kilpi H & Vehviläinen-Julkunen K. 2008. Hoitotiede ja tiede-etiikka. Hoitotiede 6, 295-303.

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

Other current national and international scientific literature.

Assessment methods and criteria:

Active participation in lectures and expert group work (at least 80% of required participation). Cooperative written assignment. Self-evaluation.

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

Grading:

1-5 / fail

Person responsible:

Professor / university lecturer

352251A: Research Methods in Health Science, 5 op**Opiskelumuoto:** Intermediate Studies**Laji:** Course**Vastuuyksikkö:** Health Sciences**Arvostelu:** 1 - 5, pass, fail**Opintokohteen kielet:** Finnish**Leikkaavuudet:**

ay352251A Qualitative Research Methods in Health Sciences (OPEN UNI) 5.0 op

ECTS Credits:

5 ECTS cr

Timing:

Spring term

Learning outcomes:

Student is able in multiprofessional small groups, collaborative to choose critically evaluated and relevant research methods for the subject of research; knows requirements of good scientific writing; is able to develop problem solving skills and use creativity in evaluating and applying basic ethical issues related to research and researchers; is able to evaluate reliability of qualitative research. Student is able to write a research plan with work-life orientation and apply in it previous studies on research methods.

Contents:

Data collection and analysis in qualitative research, evaluation of reliability, ethical principles, writing of a research plan and a research report.

Mode of delivery:

Blended teaching.

Learning activities and teaching methods:

Lectures and exercises 25h, independent and group work 110h.

Target group:

Undergraduate health science students.

Prerequisites and co-requisites:

Recommended or required reading:

Current scientific literature and articles.

Assessment methods and criteria:

Active participation in exercises and group work. Self evaluation, peer evaluation.

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

Grading:

1-5 / fail

Person responsible:

University lecturers in nursing and health management sciences

353206S: Master Thesis, 30 op

Opiskelumuoto: Advanced Studies

Laji: Diploma thesis

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Ei opintojaksokuvauksia.

353236S: Master Thesis Part I research plan, 10 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

10 ECTS cr

Timing:

Autumn term, possible to complete the course during summer.

Learning outcomes:

Upon completion of the course, the student should be able to: prepare in the field of health management science a thesis with specific professional scope and with criteria of a scientific paper.

In preparing one's thesis independently acquire and interpret information. Profoundly and justifiably apply scientific knowledge gained during one's education.

independently or as a member of a group conduct/produce scientific research/study, in which demonstrates not only ability to learn, to think analytically and systematically, but also organizational and problem solving skills.

Contents:

Scientific research completed independently or as a member of a small group. Producing a Master thesis.

Mode of delivery:

Blended teaching.

Learning activities and teaching methods:

Supervision, contact teaching and small group work 7h, reading and retrieving of the literature/research data 173h, writing of thesis 90h. Continuous evaluation will be applied. Brainstorming of ideas and discussions will start in May, which enables independent work on thesis also during summer.

Target group:

Master Degree students in health management science.

Recommended or required reading:

Current research.

Assessment methods and criteria:

Individual work or work in pairs under supervision of one to two supervisors. When agreed on separately, Master's thesis can also be produced in form of a scientific article. If the student hasn't completed written maturity test in connection with the Bachelor's thesis, it has to be completed in connection with the Master thesis.

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

Grading:

1-5 / fail

Person responsible:

University lecturer

353237S: Master Thesis part II, 20 op

Opiskelumuoto: Advanced Studies

Laji: Diploma thesis

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

20 ECTS cr

Timing:

Spring term, possible to complete the course during summer.

Learning outcomes:

Upon completion of the course, the student should be able to: prepare in the field of health management science a thesis with specific professional scope and with criteria of a scientific paper.

in preparing one's thesis independently acquire and interpret information, profoundly and justifiably apply scientific knowledge gained during one's education.

independently or as a member of a group conduct/produce scientific research/study, in which demonstrates one's ability to learn and think analytically and systematically and also organizational and problem solving skills.

Contents:

Scientific research completed independently or as a member of a small group. Producing a Master thesis.

Mode of delivery:

Blended teaching.

Learning activities and teaching methods:

Supervision, contact teaching and group work 13h, reading and retrieving of the literature/research data 348h, writing of thesis 179h. Continuous evaluation will be applied. Brainstorming of ideas and discussions will start in May, which enables independent work on thesis also during the summer.

Target group:

Master Degree students in health management science.

Recommended or required reading:

Current scientific literature.

Assessment methods and criteria:

Individual work or work in pairs under supervision of one to two supervisors. When agreed on separately, the Master thesis can also be produced in form of a scientific article. If the student hasn't completed written maturity test in connection with the Bachelor's thesis, the written maturity test has to be completed in connection with the Master thesis.

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

Grading:

1-5 / fail

Person responsible:

University lecturer

353217S: Multiprofessional Management, 10 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

10 ECTS cr

Timing:

autumn term

Learning outcomes:

Upon completion of the course, the student should be able to:

both in individual and group work exercises interpret, analyze and reflect on the challenging situations of multi-professional leadership in demanding expert tasks in social and health care.

critically evaluate and create different solutions to these situations.

in exam and in written assignment with cases from working life use basic concepts of management in health care evaluate and give feedback on solutions of other students.

apply and analyze knowledge gained from previous studies and from this course for understanding the concept of management in health care.

Contents:

Theories and basic concepts in health management. Challenging situations in management with working life orientation.

Mode of delivery:

Blended teaching.

Learning activities and teaching methods:

Lectures 20 hours including working life expert lecture and independent studying 114h. Reflective group (ArgueGraph) 20 h and independent/ small group studying 116h. Continuous assessment will be applied.

Target group:

Master Degree students in health management science.

Recommended or required reading:

Literature for exam. Choose three titles from the following list:

Fried Bruce J., Fottler Myron D. (Eds.) Human resources in healthcare: managing for success. 3rd ed. Chicago : Health Administration Press ; Arlington, Va.: Association of University Programs in Health Administration, 2008.

Paasivaara, Leena & Suhonen, Marjo & Virtanen, Petri (2013): Projektijohtaminen hyvinvointipalveluissa. 2., tarkistettu ja ajantasaistettu laitos. Tietosanoma, Helsinki.

[White, Kenneth R.](#), Griffith. John R. The well-managed healthcare organization. 7th ed. Chicago: Health Administration Press, 2010.

Wolf Jason A. ym. (eds.). Organization development in healthcare: conversations on research and strategies. Bingley: Emerald Group, 2011.

Supplementary course literature:

Anthony R. Kovner, David J. Fine, Richard D'Aquila. (eds.) Evidence-based management in healthcare Chicago : Health Administration Press, 2009.

[McLaughlin, Daniel B, Julie M. Hays.](#) Healthcare operations management / Daniel B. McLaughlin, Julie M. Hays. Chicago : Health Administration Press ; Washington, DC : AUPHA Press, 2008.

[Schwalbe, Kathy](#), Furlong Dan. Healthcare project management. Minneapolis, MN: Schwalbe Publishing, 2013.

Bahadir Inozu ym. Performance improvement for healthcare: leading change with lean, six sigma, and constraints management. New York: McGraw-Hill, cop. 2012.

Myron D. Fottler, Naresh Khatri, Grant T. Savage. (Eds.) Strategic human resource management in health care. Bingley, UK : Emerald, 2010.

Hyyryläinen Esa (toim.) Näkökulmia hallintotieteisiin. Vaasa: Vaasan yliopisto, 2012. http://www.uwasa.fi/materiaali/pdf/isbn_978-952-476-380-6.pdf/ (WHEN APPLICABLE)

Virtanen, Turo ym. (toim.) Suomalainen hallinnon tutkimus: mistä, mitä, minne? Tampere University Press, 2011.

Jari Vuori (toim.) Terveys ja johtaminen: terveyshallintotiede terveydenhuollon työyhteisöissä. Porvoo; Helsinki: WSOY, 2005.

Scientific publications, such as, for example, International Journal of Healthcare Management; Journal of Nursing Management; Leadership in Health Services; International Journal of Quality in Health care; Journal of Health Care Compliance.

Assessment methods and criteria:

Independent and group work, practical assignments, exam. 50% of the total grade will be determined on the basis of the grade of the group assignment and 50% on the basis of the grade of individual assignment.

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

Grading:

1-5 / fail. Grading of exam: pass / fail.

Person responsible:

Professor/ university lecturer/ doctoral candidate

353208S: Reflection and Application in Management part I, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS cr

Timing:

autumn term, possible to complete the course during summer

Learning outcomes:

Upon completion of the course, the student should be able to:

reflect on their own management competence in the field of practical social and healthcare administration and management.

apply one's field-specific skills in practical training in accordance with the requirements of the duties in the chosen training job (knowledge of legislation, project management skills, financial administration skills).

Show with a portfolio one's development and competence as an expert and ability to apply knowledge in managerial, coordination, planning and organizational tasks in social welfare and health care services.

Show one's performance skills when presenting the portfolio.

Contents:

Practical training in national or international health care services in accordance with personal training plan.

Mode of delivery:

Blended teaching.

Learning activities and teaching methods:

Management reflection seminars 8 h, group and web-based (Optima) studying 6h, practical training in management (3 weeks) and independent studying 121h.

Target group:

Master Degree students in health management science.

Recommended or required reading:

Relevant scientific articles and other literature.

Assessment methods and criteria:

Participation in the seminars and group work. Practical training of management in Finland or other countries and producing a portfolio.

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

Grading:

Pass / Fail

Person responsible:

Doctoral candidate / postdoctoral researcher / professor of health management science

353238S: Reflection and Application in Management part II, 5 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

5 ECTS cr

Timing:

Spring term, possible to complete the course during summer.

Learning outcomes:

Upon completion of the course, the student should be able to:

reflect on their own management competence in the field of practical social and healthcare administration and management.

apply one's field-specific skills in practical training in accordance with the requirements of the duties in the chosen training job (knowledge of legislation, project management skills, financial administration skills).
show with a portfolio one's development and competence as an expert and ability to apply knowledge in managerial, coordination, planning and organizational tasks in social welfare and health care services.
Show one's performance skills when presenting the portfolio.

Contents:

Practical training in national or international health care services in accordance with personal training plan.

Mode of delivery:

Blended teaching.

Learning activities and teaching methods:

Management reflection seminars 7 h, practical training in management (3 weeks) and independent studying 128h.

Target group:

Master Degree students in health management science.

Recommended or required reading:

Relevant scientific articles and other literature.

Assessment methods and criteria:

Participation in seminars. Practical training in management in Finland or abroad and producing a portfolio.
Read more about [assessment criteria](#) at the University of Oulu webpage.

Grading:

Pass / fail

Person responsible:

Doctoral candidate / postdoctoral researcher / professor in health management science

353224S: Research Seminars, 10 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Satu Elo

Opintokohteen kielet: Finnish

ECTS Credits:

10 ECTS cr (health management science 2016-17)

Timing:

autumn term (health management science 2016-17)

Learning outcomes:

Having completed the course the student is able to
use, evaluate and apply scientific information and on that basis to produce an acceptable written research plan.
justify and present topic of and methodological decisions in different phases of a research process
independently and in small group orally analyze and critically evaluate one's own and other group members' research process and its different phases.
search information and analytically and systematically evaluate its relevance in one's research plan.
practice and apply team work skills, flexibility and negotiation skills and also show performance skills when presenting the research plan.

Contents:

Drafting a research plan.

Mode of delivery:

Blended teaching.

Learning activities and teaching methods:

Contact teaching 10h, work in small groups 10h and independent studying 250h (health management science 2016-17).

Target group:

Master's students in health management science (2016-17).

Recommended or required reading:

Current scientific literature.

Assessment methods and criteria:

Active participation in contact teaching and in small group work. Completion of a research idea paper and research plan. The student's reflection of things learned and argumentation will be assessed using peer evaluation and self-assessment (health management science 2016-17).

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

Grading:

Pass / fail

Person responsible:

Professor / University lecturer

353408S: Synthesis in Health Management Science Part I, 5 - 10 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

ECTS Credits:

Part I 5 ECTS cr and part II 5 ECTS cr, total 10op

Timing:

Part I - autumn term, part II - spring term

Learning outcomes:

Upon completion of the course, the student should be able to:

display understanding of a specific field of health care using the main questions of health management science.

both in written assignment and in oral presentation comment, justify and reflect on the nature of health management science as well as comment, compare and explain one's competence in health management

in written assignment analyze one's previous knowledge in health management science and consider it in relation to administration and management practices.

Contents:

Knowledge of health management science in health care practices, education, development work and management.

Mode of delivery:

Blended teaching

Learning activities and teaching methods:

Part I: Contact teaching 15h and independent studying 120h. Part II: Contact teaching 15h and independent studying 120h.

Target group:

Master Degree students in health management science.

Recommended or required reading:

Current research

Assessment methods and criteria:

Active participation in contact teaching, written assignment and oral presentation. The student's reflection on things learned and argumentation will be assessed using peer evaluation and self-assessment.

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

Grading:

Pass / fail

Person responsible:

Professor/ university lecturer

353205S: Written maturity test, 0 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opintokohteen kielet: Finnish

Assessment methods and criteria:

Maturity test for the Master's degree in Health Sciences. Student writes an essay in his/her native language about the topic of the Master's thesis to show a good command of the language and the content of the thesis. The abstract

of the Master's thesis can be accepted as a maturity test if the student has written a maturity test earlier in Bachelor's degree. If the student's native language is another than Finnish or Swedish the Faculty will define separately the requirements for the language test.

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

Grading:

Pass / Fail

Person responsible:

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

353203S: The Application of Research Methods in Health Sciences, 10 op

Opiskelumuoto: Advanced Studies

Laji: Course

Vastuuyksikkö: Health Sciences

Arvostelu: 1 - 5, pass, fail

Opettajat: Satu Elo

Opintokohteen kielet: Finnish

ECTS Credits:

10 ECTS cr

Language of instruction:

Finnish

Timing:

Spring term

Learning outcomes:

Upon completion of the course the student:

is able to apply one's previously gained knowledge in research methods in an assignment

based on previous studies is able to define characteristics and main methodological issues of quantitative and qualitative research

is able to organize one's actions as a member of a small group for reaching a joint goal and is able to choose and apply different types and approaches of research in one's own research plan and written assignment

is able to execute in one's assignment different stages of a research process and solve problems related to the process

is able to assess questions of reliability and validity of quantitative and qualitative research and apply them in planning and implementing his / her own research plan and assignment;

is able to assess main ethical questions in research;

is able to write a research proposal with working life orientation

Contents:

Methodological characteristics of quantitative and qualitative research, types of / approaches in research, phases of research process, assessment of reliability, ethical issues in research. Writing a research proposal and research report.

Mode of delivery:

Blended teaching.

Learning activities and teaching methods:

Lectures and guided exercises 50h, independent studying 220h. Writing in a group a research plan and assignment on the basis of topics with working life orientation.

Target group:

Master Degree students in health management science, in nursing science and in teacher education programme.

Prerequisites and co-requisites:

The required prerequisite is the completion of the following courses prior to enrolling for the course unit: Research method studies completed during Bachelor studies.

Recommended or required reading:

Polit DF & Beck CT. 2011. Nursing Research. Generating and assessing evidence for nursing practice. Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins.(certain parts).

Denzin, Norman K. & Lincoln, Yvonna S. (eds.) 2011. The sage Handbook of Qualitative Research. 4th ed. Thousand Oaks, CA:SAGE. (Certain parts, at least parts III, Strategies of Inquiry and part IV, Methods of Collecting and Analyzing Empirical Materials)

Relevant scientific articles and other literature.

Assessment methods and criteria:

Lectures and active participation in practical exercises and group work, preparing a written assignment and a research plan.

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

Grading:

1-5 / fail, self-evaluation / peer evaluation

Person responsible:

University lecturers of nursing and health management sciences