

MASTER'S PROGRAMME IN HEALTH SCIENCES (PUBLIC HEALTH)

Englanninkielisessä kansanterveystieteen maisteriohjelmassa voi suorittaa terveystieteiden maisterin tutkinnon pääaineena kansanterveystiede. Ohjelman opetuskielenä on englanti. Ohjelman kesto on kaksi (1+1) lukuvuotta ja sen laajuus on 120 op. Ohjelman tarkoituksena on perehdyttää opiskelija kansanterveystieteen monitieteiseen tutkimus- ja toiminta-alueeseen. Kurssit kattavat seuraavat oppialat: kansanterveystiede, epidemiologia, biometria, gerontologia, työterveys, sosiaalipsykiatria, sosiaali- ja terveystaloustiede sekä terveystaloustiede. Ohjelmaan otetaan enintään kaksitoista (12) opiskelijaa. Ohjelmaan voivat hakea henkilöt, joilla on kandidaatin tutkinto ja/tai 180 op yliopisto-opintoja terveystieteen (esim. kansanterveystiede, hoitotiede, terveystaloustiede, ravitsemustiede, liikuntalääketiede, fysioterapia, ergonomia, terveystaloustiede) alalla tai muun soveltuvan tieteen (esim. biostatistiikka, epidemiologia, psykologia, sosiologia) alalla sisältäen 30 op terveystieteen opintoja. Ohjelmaan voivat myös hakea hakijat, joilla on muita erityisen painaviksi katsottavia opintosuorituksia, kuten esimerkiksi terveystieteiden alan PD-koulutusta ja/tai työkokemusta. Lisätietoja ohjelmasta saa kansainvälisten asioiden amanuenssilta.

Ohjelman rakenne:

1. Orientaatio-opinnot 3 ECTS
2. Kieli- ja viestintäopinnot, 5 ECTS
3. Näkökulmia kansanterveystieteeseen, 10 ECTS
4. Kansanterveystieteen klassikoita ja nykysuuntauksia, 10 ECTS
5. Metodit ja metodologia, 14 ECTS
6. Projektin suunnittelu ja hallinta, 4 ECTS
7. Kansanterveystieteen aineopinnot, 21 ECTS
8. Tutkimusprosessi ja tutkimuskäytännöt, 5 ECTS
9. Pro gradu -seminaari, 8 ECTS
10. Pro gradu -tutkielmaa tukevat valinnaiset opinnot, 5 ECTS
11. Pro gradu -tutkielmaa tukevat metodiopinnot, 5 ECTS
12. Pro gradu -tutkielma, 30 ECTS

Master's Programme in Health Sciences (Public Health)

The education aims at the academic degree Master of Health Sciences (Public Health).

The duration of the Programme is two (1+1) academic years with an emphasis on theoretical studies in the first year. The courses will be offered once during the programme period.

The extent of the Programme is 120 ECTS. The major subject of the Programme is Public Health. The teaching language is English.

The aim of the Programme is to familiarize students with the multidisciplinary field of Public Health. The courses cover the fields of Community Health, Epidemiology, Biometry, Gerontology, Occupational Health, Social Psychiatry, Social and Health Policy, and Health Economics.

Master's degree completed according to this Programme is equivalent to a Finnish

Master's degree and gives eligibility for scientific postgraduate studies in Public Health. Those students taking the maturity test in the Finnish language thereby acquire eligibility for official posts in Finland.

The Programme observes the standing regulations of the University of Tampere.

The Structure of the Programme:

Code	Name	ECTS
1	Orientation Studies	3
	- Orientation Course for International Students (International Office)	
	- Orientation Day at TSPH (Tampere School of Public Health)	
	- Orientation to Library Services (Tampere University Library, Department of Health Sciences)	
	- Personal Study Plan (HOPS)	
2	Language and Communication Studies	5
2.1	Survival Course in Finnish as a Foreign Language (Language Center)	2
2.2	Introduction to Thesis Writing (Language Center, before thesis writing)	3
3	Perspectives in Public Health	10
4	Classic and Recent Trends in Public Health	10
5	Methods and Methodology	14
5.1	Introduction to Public Health Research Methods and Methodology	2
5.2	Introduction to Epidemiology	4
5.3	Introduction to Biostatistics	2
5.4	Statistical Computing with SPSS	2
5.5	Qualitative Research Methods	4
6	Project Planning and Management	4
7	Subject Areas in Public Health	21
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7.2	Ageing as a Social Phenomenon	4-10
7.3	Ageing of the Population	3-9
7.4	Basics of Social Psychiatry	4
7.5	Basics of Health Economics	6
7.6	Methods and theories of Health Economics	4-8
7.7	Introduction to Occupational Health	5-10
7.8	Health Promotion	4-10
7.9	Social and Health Policy in Europe	4
7.10	Sociology of Health	6
7.11	Introduction to Global Health	3
7.12	Introductory lectures in child health and nutrition	3
7.13	Introductory lectures in reproductive health and gender issues from a global perspective	3
8	Research Processes and Research Practices	5
9	Master's Thesis Seminar	8
10	Optional Studies Supporting Master's Thesis	5
11	Methods and Methodology Supporting Master's Thesis	5
12	Master's Thesis	30

CURRICULUM AUTUMN TERM 2007 – SPRING TERM 2009

The right to make changes is reserved.

1 ORIENTATION STUDIES, 3 ECTS

Objectives: Orientation studies is a study module compiled of different courses, events and tasks aiming at familiarizing students with the University of Tampere as a whole and especially the School of Public Health and the Kauppi (Medical) Campus as well as the Library of Health Sciences. Students should learn how to successfully plan their studies and will receive information about and learn how to use the different services the university offers students. The students will also learn how to prepare a written personal study plan.

Content: Orientation Course at the University of Tampere (week 35 in 2007), Introduction Day at TSPH 3.9.2007, Orientation lecture at the Library of Health Sciences and writing a personal study plan.

Modes of Study: Participation in the following: Orientation Course at the University of Tampere, Introduction Day at TSPH, Orientation Lecture at the Library of Health Sciences and preparing a written personal study plan under the supervision of the professor in charge of the programme and the international coordinator at TSPH.

Evaluation: Active participation in all above mentioned events and activities. A written personal study plan.

Person in Charge: Catarina Ståhle-Nieminen (TSPH)

Organization Responsible: Tampere School of Public Health (for the Orientation Course the University International Office and for the Library Introduction part the Library of Health Sciences)

Time: Fall term 2007

2 LANGUAGE AND COMMUNICATION STUDIES, 5 ECTS

2.1 Survival Course in Finnish as a Foreign Language, 2 ECTS

Objectives: After successful completion of the course students will be able to use the skills they have learned in easy everyday situations. They will know how to pronounce Finnish and they will also be familiar with the vocabulary and phraseology they need in simple everyday situations. After the course students will be able to ask simple questions, know the numbers, the days of the week and months and phrases connected to these subjects. The students will be also able to talk about themselves and their families and know the vocabulary for food and eating. After the completion of the course students will be able to operate in the Finnish world around them. Participation requires no earlier studies in the Finnish language.

Content:

- basic studies in Finnish
- pronunciation exercises
- oral exercises
- listening comprehension exercises

Modes of Study: Four contact hours a week, 30 hours in all, and homework to be completed at home. The course lasts one period. The language of instruction is English. After the course there will be a written examination.

Evaluation: Continuous assessment based on class-work and the final examination. The grading scale is 1 to 5.

Person in Charge: Language Centre, contact at TSPH Catarina Stähle-Nieminen

Organization Responsible: Language Centre

Time: Fall term 2007

2.2 Introduction to Thesis Writing, 3 ECTS

Objectives: This course is intended for students of the International School of Social Sciences and other Faculties who will have to write their Master's thesis in English. The aim of the course is to make the participants aware of how to express in English the results of their critical thinking in a form, which is consistent with the conventions governing the writing of thesis. To this end the students will be analyzing past thesis in their field and will also be working with the Master's degree thesis, which they have in process. After successful completion of the course the students will be able to

- review a thesis critically
- construct a thesis argument
- structure a research plan in English
- write a literature review

Content: The course will go through

- common types of Master's thesis and their structures
- the thesis process from choosing a research topic and formulating initial research questions to writing the research plan
- using the arguments of others to construct one's own argument
- the differences between academic and non-academic style
- style conventions including formatting and writing references

Modes of Study: The course will be made up of class sessions an out-of-class group analysis task, independent writing and reflection through a journal as well as an individual tutorial. The class sessions will include whole class discussions on information introduced through Moodle as well as the presentations of the group analysis tasks. The independent writing task will consist of a representative sample from the students' research plans or theses, which will then be discussed in the tutorial.

Required tasks:

- Weekly readings and journal entries through Moodle
- A group analysis of a thesis
- Representative sample from the students' own research plan or thesis
- Participation in the class sessions

Evaluation: Pass / Fail. Pass requires completion of all the necessary tasks to a satisfactory level as well as active participation in the class sessions.

Person in Charge: Language Centre, contact at TSPH Catarina Stähle-Nieminen

Organization Responsible: Language Centre

Time: Before thesis writing

3 PERSPECTIVES IN PUBLIC HEALTH, 10 ECTS

Objectives: To familiarize students with the multidisciplinary field of Public Health.

Content:

Part 1. Introduction lectures from different fields of Public Health (3 ECTS)

Part 2. Workshops and seminars (7 ECTS)

Modes of study:

Part 1. Learning diary

Part 2. Referats, Essays

Evaluation: Learning diary, referats and essays are graded on a scale of 1–5 or failed.

Organization Responsible: Tampere School of Public Health

Person in Charge: Professor Clas-Håkan Nygård

Limited Access: Part 1 free for all Students but Part 2 limited to MPH students

Study materials: Understanding Health. A determinants approach. Edited by Helen Keleher and Berni Murphy. Oxford University Press 2004. Material and articles distributed in class.

Time: 1st period in Autumn 2007

4 CLASSICS AND RECENT TRENDS IN PUBLIC HEALTH, 10 ECTS

Objectives: To familiarize the student with basic theoretical conceptions of public health and develop an alert attitude to issues in public health

Content: The student will read four volumes of classical public health texts to be ready to write essays on the basis of these texts.

Modes of Study: Book exam, all books will be examined in one examination. Alternatively essay on some of the books.

Study Materials:

1. Marmot M & Wilkinson R (ed) Social determinants of health. 2. rev. ed. Oxford University Press 2006
2. Peterson A & Lupton, D. The new public health. Sage 1996
3. Rose, G. The strategy of preventive medicine. Oxford University Press 1992 (or later edition)
4. Moran M. Governing the health care state. Manchester University Press 1999 (or later edition).

Alternative books may be agreed with the teacher in charge.

Evaluation: Exam and/or essays are graded on a scale of 1–5 or failed.

Organization Responsible: Tampere School of Public Health

Person in Charge: Professor Juhani Lehto

Time: General Examination Days of the School of Public Health or as agreed with the teacher in charge for the essays.

5 METHODS AND METHODOLOGY, 14 ECTS

5.1 Introduction to Public Health Research Methods and Methodology, 2 ECTS

Course description: The course is an introductory course for master students. It gives an overview of research principles, methods, ethical and practical aspects of research in public health.

Objectives: The aim of the course is to provide the students with basic understanding of the following main fields:

- a. core principles of scientific research and inquiry

- b. good scientific practice and ethical considerations
- c. main methodological approaches
- d. critical reading of scientific literature
- e. the stages of a research process

Content:

- Characteristics of scientific and empiric knowledge
- Scientific inquiry and the relationship between theory and hypothesis
- Methodological approaches - an overview of quantitative and qualitative methods and selected methodological questions
- Critical reading of scientific articles
- Rules of good scientific practice and ethical considerations
- Stages in a research process
- Relationship between the aim of the study, study design and data

Teaching methods: Lectures (6h), group work (6h)

Modes of Study: Participation in lectures and group work sessions, learning diary

Recommended reading:

Ann Bowling (ed.) Research methods in health – investigating health and health services. Open University 2002.

Jenkinson C. (ed) Assessment and evaluation of health and medical care. Open University Press 1997/2002

Shand J. Arguing well. Routledge 2000. (Also as electronic publication)

Evaluation: The students' understanding of key research concepts is assessed in the learning diaries on a scale of pass/fail.

Organization Responsible: Tampere School of Public Health and Medical School, Department of International Health

Person in Charge: Professor Riitta Luoto

Time: Autumn 2007, Period I, week 36–37

5.2 Introduction to epidemiology, 4 ECTS

Course description: An introductory course to epidemiology, consisting both of lectures and practical exercises

Objectives: To provide the students with an understanding on epidemiological concepts and abilities to critically interpret reports from epidemiological studies.

Content:

- The scope of epidemiology and its basic concepts
- Concepts and measures of disease occurrence
- Measurement of associations between exposures and outcomes
- Defining exposure and outcome, validity of measurements
- Systematic error (bias), random error and confounding
- Essential elements, strengths, and weaknesses of typical epidemiological research designs
 - Ecological studies
 - Cross-sectional studies
 - Case-control studies
 - Cohort studies
 - Randomised controlled trials and other intervention studies
- Scientific inference: distinction between association, causality, confounding, or inconclusive results

Teaching methods: Lectures (12 x 2h), practical exercises (8 x 2h), recommended literature

Modes of Study: Participation in the practical exercises, examination

Recommended reading:

(relevant sections from each optional book):

Santos Silva, I dos: Cancer Epidemiology: Principles and methods. IARC & WHO, 1999

Gordis L: Epidemiology. 3. ed. Elsevier Saunders, 2004.

Hennekens CH, Buring JE: Epidemiology in Medicine. 1987.

Webb P, Bain C, Pirozzo S: Essential Epidemiology: an introduction for students and health professionals. Cambridge University Press, 2005.

Evaluation: Practical exercises graded on a scale of pass / fail. Exam is graded on a scale of 1–5 or failed.

Organization Responsible: Tampere School of Public Health and Medical School, Department of International Health

Person in Charge: Professor in epidemiology Suvi Virtanen, e-mail: suvi.m.virtanen(at)uta.fi, Senior Assistant Professors Arto Palmu and Susanna Kautiainen

Time: Autumn 2007, Period I, September, week 37–40

5. 3 Introduction to biostatistics, 2 ECTS

Course description: The course gives the students knowledge on basic biostatistics and its use in public health research.

Objectives: Provide the students with an understanding on basic concepts and methods in biostatistics.

Content:

Structure of data matrix, types of variables

Descriptive statistics

- Frequency distributions
- Measures of central tendency and variation
- Measures of association

Statistical inference

- Hypothesis testing
- The concept of confidence interval

Ideas of sample size calculations

Teaching methods: Lectures (6x2h), practical exercises, assignment.

Modes of Study: Participation in lectures and practical exercises, assignment.

Recommended reading:

Swinscow TDW and Campbell MJ: Statistics at Square One. BMJ Books 2002. (Also as electronic publication)

Altman DG: Practical statistics for medical research. Chapman & Hall 1991 or later edition.

Evaluation: Assignment and group discussion are graded on a scale of pass / fail.

Organization Responsible: Tampere School of Public Health and Medical School, Department of International Health

Person in Charge: Hannu Oja, Anna-Maija Koivisto

Time: Autumn 2007, Period I, September, week 37–39

5.4 Statistical Computing with SPSS, 2 ECTS

Objectives: The students can create SPSS data files and perform simple description and statistical analysis using SPSS for Windows.

Content: Basic Structure of an SPSS data file. Using the data editor. Descriptive statistics. Data transformations. File transformations. Measures of associations. Differences between two groups. Simple modeling for the data.

Modes of Study: Lectures and demos in a computer class.

Evaluation: Pass / fail.

Organization Responsible: Tampere School of Public Health

Person in Charge: Professor Hannu Oja

Time: January 2008

5.5 Qualitative Research Methods, 4 ECTS

Objectives: The aim of the course is to familiarize the student with theoretical premisses, principles and methods of qualitative research in health

Content: Introduction to qualitative research, and research process and practices and basic qualitative research approaches in the field of public health.

Teaching Methods: The course consists of lectures and practicals.

Modes of Study: Book exam

Recommended reading:

Burr V. Social Constructionism. Routledge 2003. (Also as electronic publication)

Have P ten: Understanding Qualitative Research and Ethnometodology. Sage 2004. (Also as electronic publication)

Silverman D. Doing Qualitative Research. A practical handbook. 2. ed. Sage 2005.

Evaluation: Book exam is graded on a scale of 1–5 or failed

Person in Charge: Senior assistant professor Pirjo Lindfors

Organization Responsible: Tampere School of Public Health

Time: Spring 2008, 3rd period

6 PROJECT PLANNING AND MANAGEMENT, 4 ECTS

Objectives: The aim of the course is to familiarize students with concepts of project work and project management, and to be able to plan a public health project.

Content: Each student will prepare a plan for a public health project and present the plan in the seminar.

Modes of Study: Lectures, workshop, individual work and seminar

Evaluation: Participation and assignments are graded pass / fail

Evaluation Criteria: Active participation

Organization Responsible: Tampere School of Public Health

Person in Charge: Senior assistant professor Anne Konu

Time: Spring 2008

7 SUBJECT AREAS IN PUBLIC HEALTH 21 ECTS

7.1 Basics of Gerontology and Geriatrics, 6 ECTS

Objectives:

- To understand the basic rules of biological aging
- To understand the demographic changes at population level
- To know the most important geriatric diseases and the principles of the prevention

Content: Biological changes and basic medical issues in ageing. Finnish elderly care service system.

Modes of studies: Lectures, seminar, exam

Evaluation: Exam is graded on a scale of 1–5 or failed.

Organization Responsible: Tampere School of Public Health

Person in charge: Professor Antti Hervonen

Time: Autumn 2007

7.2 Ageing as a Social Phenomenon, 4–10 ECTS

Objectives: Having passed the course the student:

- is able to consider ageing and old age as social and cultural phenomena
- can analyze ageing as an individual experience
- understands the impact of health, social relationships and social and health care services on old people's wellbeing.

Content: Social and cultural determinants of ageing and old age; ageing as an individual experience and as part of life-course shaped by health, social relationships, individual agency and social and health care service system.

Modes of Study: Studying and demonstrating command of obligatory and additional literature by exams. Obligatory literature, common for all students of the course, must be performed first. Additional literature, or part of it, can be performed together with obligatory literature, later as optional items or in the form of written essays. The themes and scope of essays are assigned by the teacher.

Recommended Reading:

Obligatory Literature: Bond J., Peace S., Dittmann-Kohli F., Westerhof G. (eds.) Ageing in society. 3. ed. Sage Publications 2007 (4 ECTS).

Additional literature:

- 1) Estes C.L, Biggs S, Philipsson C: Social theory, social policy and ageing. A critical introduction. Open University Press 2003. (2 ECTS).
- 2) Wilson G: Understanding old age. Critical and global perspectives. Sage Publications 2000 (2 ECTS).
- 3) Gilleard C, Higgs P: Contexts of Ageing. Class, Cohort and Community. Polity Press 2005 (2 ECTS) **or**
- 4) Part of the additional literature can be replaced by articles appointed by the teacher (2 ECTS).

Evaluation: The adoption of contents of books and articles, and the adequacy of written essays are graded on a scale of 1–5 or failed.

Organization Responsible: Tampere School of Public Health

Person in Charge: Tapio Kirsi, Senior Assistant Professor of Gerontology

Time: Book exams on obligatory and additional literature are held at General Examination Days of the Tampere School of Public Health. Dates for submitting essays are set by the teacher.

7.3 Ageing of the Population, 3-9 ECTS

Objectives: The students have basic knowledge on population aging and its consequences. They are able to understand and apply reports and articles on studies of population aging.

Content:

- Changing age structures, longevity
- Determinants and indicators of health in old age
- Consequences of population ageing: services, working life, family, culture
- Study designs in ageing research

Modes of Study: Lectures, short written exercises and essay based on lectures and the following literature: Harper S. Ageing Societies: Myths, Challenges and Opportunities, Hodder Arnold, London, 2005

These are worth 3 ECTS. Additional elective 1–6 ECTS possible, with book exams.

Teaching Methods: Lectures, workshops

Recommended Reading:

Hickey T, Speers MA, Prohaska TR (eds.): Public health and aging. The Johns Hopkins University Press 1997.

Wallace RB, Woolson RF (eds.). The epidemiologic study of the elderly. Oxford University Press 1992. (2 op)

Language of Instruction: English

Evaluation: Written exercises and essay are graded on a scale of 1–5 or failed.

Organization Responsible: Tampere School of Public Health

Person in Charge: Professor Marja Jylhä

Time: Essay in connection with the course, additional books after the course on general examination days. The course will be given in Spring 2008.

7.4 Basics of Social Psychiatry, 4 ECTS

Objectives: To familiarize students with the social psychiatry.

Content: This course consists of two fundamental pieces of work in the field of Social Psychiatry: The epidemiology of mental disorders and main topics on psychiatry in society.

Modes of Study: Book exam.

Required Reading:

1. Textbook in Psychiatric Epidemiology, Eds, Ming T. Tsuang and Maurico Cohen, Wiley-Liss, 2002, Part III Epidemiology of major psychiatric disorders (pp 363-599) (Also as electronic publication)

2. Psychiatry in Society, Eds, Norman Sartorius, Wolfgang Gaebel, Juan José López-Ibor, Mario Maj, John Wiley & Sons, 2002 (Also as electronic publication)

Evaluation: Exam is graded on a scale of 1–5 or failed.

7.5 Basics of Health Economics, 6 ECTS

Objective: To provide students with an understanding of basic economic problems in health and health care, and of concepts and theories in health economics, to give an overview of basic methods used in economic approaches, and to highlight the importance of economic aspects in health care.

Content:

- Demand, use and supply of health care services and the opportunities for societies to control these
- Socioeconomic and other inequalities in health and the use of health care and possibilities for reducing such inequalities

Modes of study: Lectures, examination**Recommended reading:**

McPake B. Health Economics. Routledge. 2006.

Mooney G. Economics, medicine and health care. 3rd rev. ed. Prentice Hall. 2003.

Evans R. Strained Mercy. Butterworths 1984. (Parts thereof) (Also as electronic publication)

Evaluation: Exam is graded on a scale of 1–5 or failed.**Organisation responsible:** Tampere School of Public Health**Person in charge:** Professor Pekka Rissanen**Time:** The course will be given in Autumn 2007.

7.6 Methods and Theories of Health Economics, 4–8 ECTS

Objective: To provide students with knowledge concerning basic methods of health economics: Elementary econometrics in health economics and methods for use in conducting economic evaluations (4 ECTS). It is advisable for the student to have completed either the course 'Introduction to Biostatistics' or a course in statistical computing.

An additional elective 4 ECTS can be gained by undertaking an examination based on books and articles; this examination must be arranged with the teaching staff.

Content:

- theoretical underpinnings of health economics
- the use of economics in health economics
- methods of health economic evaluation

Modes of study: Lectures, exercises, examination**Reading:**Drummond M et al. Methods for the economic evaluation of health care programmes. 3rd ed. Oxford University Press 2005.**Recommended Reading:**Mooney G. Economics, medicine and health care. 3rd rev. ed. Prentice Hall. 2003.Rice T. The economics of health reconsidered. 2nd ed. Health Administration Press 2003. (Available as an electronic publication)

Other health economic literature, the details of which will be arranged separately.

Evaluation: Exam is graded on a scale of 1–5 or failed.**Organisation responsible:** Tampere School of Public Health**Person in charge:** Professor Pekka Rissanen**Time:** The course will be given in Spring 2008

7.7 Introduction to Occupational Health, 5–10 ECTS

Objectives: To give an overall view of the interaction between work on health and to give a picture about the role of the occupational health service in promoting occupational health.

Content: Lectures, work place visits and seminars.

Modes of study: Active participation and learning diary.

Study Materials:

Good Occupational Health Practice. A guide for planning and follow-up of occupational health services Edited by Helena Taskinen. Ministry of Social Affairs and Health, Finnish Institute of Occupational Health. 2. ed. 2004.

Ilmarinen Juhani. Towards a longer worklife! Ageing and the quality of worklife in the European Union. Finnish Institute of Occupational Health, Ministry of Social Affairs and Health, 2006.

Evaluation: The course is graded on a scale of 1–5 or failed.

Organization Responsible: Tampere School of Public Health.

Person in Charge: Professor Clas-Håkan Nygård

Time: Period 3 Spring 2008.

7.8 Health Promotion, 4–10 ECTS

Objectives: To familiarize the student with the concept. Theories and practice of the multidisciplinary field of health promotion.

Content:

- theories in health promotion
- international development
- practice of health promotion

Modes of Study: Book exam and if wishes by students, a reading circle. Other events possible, reported later on.

Recommended reading:

Nutbeam H & Harris E. Theory in a nutshell. A practical guide to health promotion theories. 2. ed. McGraw-Hill 2004.

Bunton R, Macdonald G. Health promotion. Disciplines, diversity and developments. 2. ed. Taylor & Francis 2002. (Also as electronic publication)

Green LW, Kreuter MW. Health program planning. An educational and ecological approach. 4. ed. McGraw-Hill 2005.

Evaluation: The course is graded on a scale of 1–5 or failed.

Organization Responsible: Tampere School of Public Health

Person in Charge: Professor Arja Rimpelä

Time: Book exam on General Examination Days of the Tampere School of Public Health

7.9 Social and health policy in Europe, 4 ECTS

Objective: To understand the trends, similarities and diversity of European social policy and health systems

Content:

- basic concepts in analyzing national social policy and health systems
- trends in the development of European social and health systems

Modes of study: Book exam

Language of instruction: English

Prerequisites: Bachelor level knowledge of public health

Recommended reading:

Freeman R. The politics of health in Europe. Manchester University Press 2000.

Kautto M. et al. Nordic welfare states in European context. Routledge 2001. (Also as electronic publication)

Evaluation: Exam is graded on a scale of 1–5 or failed.

Evaluation criteria:

- knowledge of the concepts used in analyzing national health and social policy systems
- competence of using the concepts in describing the similarities and diversity of the national health and social policy systems

Organisation responsible: Tampere School of Public Health

Person in charge: Professor Juhani Lehto

Time: Book exam on General Examination Days of the Tampere School of Public Health.

7.10 Sociology of Health, 6 ECTS

Objective: To understand health and illness and health care as social phenomena

Content:

- basic concepts of the sociology of health
- health care and professions as social institutions
- the cultural contexts of health and illness

Modes of study: Lectures, seminar, book exam

Language of instruction: English

Prerequisites: Bachelor level knowledge of public health

Recommended reading:

White K. An introduction to sociology of health and illness. Sage 2002.

Thomas R. Society and health. Sociology for health professionals. Kluwer 2005. (Also as electronic publication)

Lee K, Buse K, Fustukian S. (eds.) Health policy in a globalising world. Cambridge University Press 2002. (Also as electronic publication)

Evaluation:

- seminar: participation
- exam: 0–5

Evaluation criteria:

- seminar: accepted presentation and active participation
- exam: 0 = failed, 1–5 = accepted

Organisation responsible: Tampere School of Public Health

Person in charge: Senior lecturer Pekka Virtanen

Time: Spring 2008

7.11 Introductory lectures in global health, 3 ECTS

Objectives: The course will provide historic, economic and cultural context to international health and health policy development, describe how health can be measured in different settings, describe the role of different health determinants and major communicable and non-communicable diseases and describe briefly how health care services are organized in different countries.

Content:

- Global and age-specific distribution of health and health determinants
- Millennium Development Goals and other international health policies
- Burden of globally most important communicable and non-communicable diseases
- Basics of organizing health care in different settings

Teaching methods: Lectures (10x2h)

Modes of Study: Participation in lectures and writing a lecture diary

Recommended reading:

Rosling H. (ed.) Global health – An introductory textbook. Studentlitteratur 2006

Evaluation: Learning diary is graded on a scale of pass/fail.

Organization Responsible: Medical school, department of international health

Person in Charge: Per Ashorn, Taneli Puumalainen

Time: Autumn 2007, Period II, November-December, weeks 41–46

7.12 Introductory lectures in child health and nutrition, 3 ECTS

Course description: Child health and nutrition from a global perspective

Objectives: The course will provide historic, economic and cultural context to the global children's rights, child health and child health policy development, describe the global role of major communicable and non-communicable paediatric diseases, describe the role of nutritional disorders to child development and health, and describe the major child health intervention strategies.

Content:

- Global and age-specific distribution of child health
- International efforts to improve child health policies and child rights
- Burden of globally most important childhood communicable and non-communicable diseases
- Role of nutritional disorders to child health and development
- Main child health interventions and intervention strategies

Teaching methods: Lectures (8x2h), (4x1h)

Modes of Study: Participation in lectures and writing a lecture diary

Recommended reading:

Child Survival Series 1–5, published in Lancet 2003-4

Neonatal Survival Series 1–4, Lancet 2005

Child Development Series 1–3, Lancet 2007

Unicef: State of World's Children 2006

Evaluation: Learning diary is graded on a scale of pass/fail.

Organization Responsible: Medical school, department of international health

Person in Charge: Taneli Puumalainen

Time: Autumn 2007, Period II, November-December, weeks 46–50

7.13 Introductory lectures in reproductive health and gender issues from a global perspective, 3 ECTS

Course description: The course gives the basic knowledge of sexual and reproductive health and research as well as health promotion in this arena from the point of view of public health and global health promotion.

Objectives:

- To provide an overview of the history and current status of the sexual and reproductive health and rights from a global perspective
- To demonstrate some of the socio-cultural, political and ethical issues surrounding sexual and reproductive health
- To provide an introduction and practical examples of national and international strategies of sexual and reproductive health promotion
- To provide a foundation in the main aspects of sexual and reproductive health and reproductive health research tools and methodology through practical examples and applications

Content:

- I Introduction to reproductive health
- II Research methodologies in sexual and reproductive health
- III Health services in reproduction
- IV Reproductive health and chronic diseases
- V Reproductive health from global perspective, selected issues: Maternal mortality and morbidity, abortion and the problem of unsafe abortion, family planning, adolescent sexual health, sexually transmitted infections, HIV/AIDS and HIV prevention, stigma and discrimination, gender based violence, harmful practices, male involvement in reproductive health
- VI Gender issues and women's empowerment

Teaching methods: Lectures and tutor sessions 10 x 2 h

Modes of Study: Participation in lectures, lecture diary

Recommended reading:

Evaluation: Learning diary is graded on a scale of pass/fail.

Organization Responsible: Department of International Health, University of Tampere Medical School and the Tampere School of Public Health

Person in Charge: Dr Teija Kulmala, Prof. Riitta Luoto and Prof. Per Ashorn

Time: Spring 2008, Period III, January-February

8 RESEARCH PROCESS AND RESEARCH PRACTICES, 5 ECTS

Objectives: Having passed the course the student:

- knows the main research practices of public health sciences and is able to apply them in his/her own study
- has formed a comprehensive picture of different research areas in his/her institution and is informed of possibilities of doing his/her thesis in respective research groups
- is familiar with practices of scientific writing and oral presentation
- understands the process nature of compiling and writing an empirical study
- knows the basic principles of research ethics
- is aware of differences between lay thinking and scientific argumentation
- has adopted information literacy and is acquainted with advanced systematic literature researching
- has selected the subject of his/her own master's thesis and has drawn up an idea paper on it

Content:

- master's thesis; its purpose, aims and structure
- compiling and writing an empirical study as a process

– literal and oral description of the subject of one's own study

Modes of Study: Participating workshop sessions, familiarizing oneself with the literature, doing literal assignments, commenting other participants' papers, drawing up a learning diary and participating the course on electronic resources arranged by the department of Health Science Library.

Recommended reading:

Baxter L, Hughes C, Tight M: How to Research. 3. ed. Open University Press 2006.

Crème P, Lea M.R: Writing at University: a Guide for Students. Open University Press 1996.

Swales J.M, Feak C.B: Academic Writing for Graduate Students. Essential Tasks and Skills: a Course for Nonnative Speakers of English. English for Special Purposes, University of Michigan Press, 1994.

Turabian K.L: A Manual for Writers of Term Papers, Thesis, and Dissertations. 6. ed. University of Chicago Press 1996.

Beauchamp T, Faden R.R, Wallace J.R.Jr, Walters L (Eds.): Ethical issues in social science research: Johns Hopkins University Press 1982.

Evaluation: The course is graded on a scale of pass / fail.

Evaluation Criteria: Evaluation is based on the student's activity in group work, on completion of literal assignments and on ability of compiling a learning diary.

Prerequisites: The course is eligible for students with degree of BA. Having passed or attending the course is a prerequisite for access to the master's thesis seminar.

Person in Charge: Tapio Kirsi, Senior Assistant Professor of Gerontology.

Time: Autumn 2007 and 2009, periods I–II.

9 MASTER'S THESIS SEMINAR, 8 ECTS

Objectives: To support the work on the Master's thesis.

Content: Each student will present papers based on his/her thesis and present it in the sessions.

Modes of Study: Active participation and presentation of papers for discussion in the seminars.

Evaluation: Participation and assignments are graded on a scale of pass / fail.

Organization Responsible: Tampere School of Public Health

Person in Charge: Professor Clas-Håkan Nygård

Time: Autumn 2007 starting period 2 and continuing approximately twice a month until end of Spring Semester 2008 and continues on demand autumn 2008.

10. OPTIONAL STUDIES SUPPORTING MASTER'S THESIS, 5 ECTS

Objectives: The aim of these studies is to support the work on the Master's thesis.

Content: Applicable studies chosen under the guidance of the supervisor.

Modes of Study: Book exam; one or more essays; seminar or course as agreed with the supervisor. The essay may not consist of the literature review of the Master's thesis.

Evaluation: Studies are graded on a scale of 1–5 or failed.

Person in Charge: Supervisor of the Master's thesis. Completion approval by Professor Clas-Håkan Nygård, if the supervisor of the Master's thesis is not a professor at the Tampere School of Public Health.

Organization Responsible: Tampere School of Public Health
Time: In agreement with the supervisor.

11 METHODS AND METHODOLOGY SUPPORTING MASTER'S THESIS, 5 ECTS

Objectives: After having carried out these studies, the student is familiar with the method he/she uses in his/her master's thesis.

Content: Studies which improve the mastery of the method used in the master's thesis.

Modes of Study: Any applicable course, book exam or essay agreed with the supervisor.

Evaluation: The course/exam/essay is graded on a scale of 1–5 or failed.

Person in Charge: The supervisor of the Master's thesis. Completion approval by Professor Clas-Håkan Nygård, if the supervisor of the Master's thesis is not a professor at the Tampere School of Public Health.

Organization Responsible: Tampere School of Public Health.

Time: In agreement with supervisor.

12 MASTER'S THESIS, 30 ECTS

Objectives: The objectives of the Master's thesis are

- a) to train the student in an independent systematic approach in the setting of research objectives, choosing research methods and carrying out research
- b) to enable the student to acquire in-depth knowledge in a specific problem or topic in the public health field
- c) to train the student in handling extensive scientific research material and in scientific literary presentation

Content: Carrying out a research and writing a thesis or journal article. In the case of an article, it must either be published or taken into the consideration of publishing in a Finnish or international scientific referee journal. The student must be the sole or first author of the article. Additionally, the student must write an essay in which he/she describes and reflects the research more widely than it is possible in the article. The student must also write a short report on the research process.

Modes of Study: Writing a thesis or journal article. Participation in the maturity exam.

Evaluation: Master's thesis will be evaluated both with written statement and degree approbatur, lubenter approbatur, non sine laude approbatur, cum laude approbatur, magna cum laude approbatur, eximia cum laude approbatur or laudatur. Maturity exam will be graded on a scale of pass / fail.

Person in Charge: The supervisor of the Master's thesis.

Organization Responsible: Tampere School of Public Health

Time: In agreement with supervisor.