

Educational institution: **Tallinna Tervishoiu Kõrgkool**  
Tallinn Health College  
Code of educational institution: 70003980  
Title of study programme: **ÄMMAEMAND  
MIDWIFE**

Stage of study programme:	First stage of higher education: professional higher education
Academic fields:	Health and wellbeing
Accreditation:	01.02.2005, conditionally accredited (Ministry of Education and Research Directive No 64)
Volume in credits:	180
Volume in ECTS credits:	270
Nominal study period in years:	4,5

Admission requirements:  
Secondary education or respective educational level.  
Preferable state examinations: biology, chemistry, foreign language, Estonian language.  
Estonian language test, professional suitability assessment conversation.

General objectives of the study programme and possibilities for specialisation:  
To provide internationally recognised high-quality applied higher education to work in health care.  
The graduate of midwifery study programme shall have the right to work both as a nurse and midwife. A midwife is a profession, regulated by EU directives.  
Academic education - possibility to continue at Master's level.

Brief description of study programme structure and organisation of studies:  
Studies consist of auditory, practical and independent work. The total volume of theoretical studies is 162ECTS/108CP. The volume of practice in work environment is 108ECTS/72CP. The place and profile of pre-diploma practice can be chosen by a student according to his/her future place of work.  
The volume of optional and elective subjects in the study programme is 75ECTS/5CP. Options are determined by the study programme.

Graduation requirements:  
Prerequisite for graduation is the passing of all subjects for the grades A-E and successful defending of final paper or passing final examination.

Documents issued upon graduation:  
An applied higher education diploma, an academic statement in Estonian and a diploma supplement in English.

Code of the study programme in the Estonian Education System (EHIS) Register of Curricula:

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## STUDY PROGRAMME: MIDWIFE

### Short descriptions of subjects

Subject code	7ÄÖA07
Subject title	<b>Basics of nursing/midwifery:</b> Basics of nursing/midwifery, Ethics of nursing/midwifery, Nursing activities
Academic year	2007/2008
Course	I,II
ECTS/CP/hours	11,25 / 7,5 / 300
Auditory work (lectures, seminars)	100 hours
Practice in study environment	100 hours
Independent work	100 hours
Prerequisite subjects	-
Goals	Knowledge about the nature of nursing/midwifery, its basic concepts and life activities; application of nursing/midwifery process in nursing/midwifery aid, proceeding from professional ethics and values throughout the whole lifespan of an individual. Knowledge and readiness for applying manual skills in carrying out nursing procedures by following the rules of a- and antiseptics. Knowledge of international nursing- and midwifery organisations and consideration of cultural differences in midwife's work.
Learning outcomes	After passing the subject, the student: shall have knowledge about the historical development of nursing and midwifery as a science in Estonia, Europe and the whole world; basic concepts of nursing/midwifery and their mutual relations; ethics and values of nursing/midwifery and caring; historical development of development in the world and Estonia; modern development trends and most important nursing theoreticians, their views and works; nursing/midwifery as a part of health care sciences and multidisciplinary health care system in Estonia. Can plan nursing/midwifery activities rationally, considering patients' individual needs and problems; prepare patients for procedures and choose necessary tools for concrete nursing procedures; document personal activities; solve problem situations arising in the course of nursing/midwifery activities.
Content of independent work	Basics of nursing/midwifery: compilation of individual nursing history; compilation and presentation of a poster presentation on given subjects as a group work; debate on given subjects. Nursing activities: finding individually equivalents for basic concepts (develops the skills of using professional literature and helps to remember important basic concepts). Compilation of procedure instruction as a group work.
Study methods	Study visit, discussion, situation tasks, demonstration, debate, group works.
Assessment	Complex examination in the autumn semester of the II course. Hand-on demonstration in nursing activities proceeding from situation tasks, written test.

### Part A

Subject code	7TI07
Subject title	<b>Healthy person and study practice</b>

Academic year	2007/2008
Course	I
ECTS/CP/hours	6 / 4 / 160
Auditory work (lectures, seminars)	70 hours
Practice in study environment	16 hours
Independent work	74 hours
Practice in work environment ECTS/CP/hours	10,5/7/280 (look part B)
Prerequisite subjects	-
Goals	Knowledge about the development of healthy person from fertilization till birth and from birth till death. Readiness to assess agedly changes and provide corresponding nursing/midwifery aid.
Learning outcomes	After passing the subject, the student: can describe/analyse human's lifespan proceeding from reproductive health and Roper, Logan, Tierney nursing model. Has appropriate attitudes and values for dealing with people. Knows agedly specificities of people and possibilities for helping them with coping. Has knowledge about the prevention of health problems. Knows human's sexual development, factors influencing human's reproductivity and their influence on the next generations. Knows human's sexual and reproductive rights. Has knowledge about the Child Protection Act, possibilities for social services, social services for elderly- and disabled people in EU and Estonia.
Content of independent work	Home- learning based at study syllabuses and obligatory literature. Elaboration of subject materials and preparation of required written papers for seminars.
Study methods	Study visit, practicing, demonstration, discussion, group work, compilation of a portfolio.
Assessment	Final grade in spring semester. Presentation of a portfolio.

### **Part B**

Subject code	7TI07
Subject title	<b>Practice in work environment</b> (Healthy person)
Academic year	2007/2008
Course	I
ECTS/CP/hours	10,5 / 7 / 280
Independent work	50 hours
Practice in work environment	224 hours
Study practice seminars	6 hours
Goals	To understand and observe human's main living activities across different periods of his/her lifespan. To perform the acquired nursing procedures under the supervision of a mentor. Practical training comprises the application of knowledge and skills in children's institutions, care homes/day centres for elderly and women's clinics.
Learning outcomes	After passing the study practice the student: Can observe living procedures of children and elderly and assist them in their performance; consult healthy pregnant and her family members; perform the acquired nursing/midwifery procedures by the support of a mentor; compile a portfolio and make an assessment on personal activities.

Content of independent work	Compilation of practical training portfolio and diary. Compilation of practical work following the requirements and its in-time submission. Filling in practical training diary and EU directives, reflection, giving feedback.
Study methods	Observation, supervision of students, compilation of study practice diary and portfolio, discussion.
Assessment	Prelim in spring semester, prerequisites for which are the accomplishment of study practice to its full extent, assessment of practical placement mentor, submission of practical training diary and practical work.

Subject code	7AF07
Subject title	<b>Anatomy, physiology, biophysics</b>
Academic year	2007/2008
Course	I
ECTS/CP/hours	5,25 / 3,5 / 140
Auditory work (lectures, seminars)	60 hours
Practice in study environment	20 hours
Independent work	60 hours
Prerequisite subjects	-
Goals	Knowledge about the development, structure and functioning of human organism and its regulating mechanisms. Skills to explain the functioning of human organism on the bases of physical processes taking place in it and skills to integrate it with nursing/midwifery subjects.
Learning outcomes	After passing the subject the student: Shall know the development of human organism; structure and functioning of human organism and its regulating mechanisms. Can explain the functioning of the human organism on the bases of physical processes taking place in it. Can integrate the acquired knowledge with the other subjects.
Content of independent work	Compilation of a workbook comprising syllabuses on the main principles of subjects given for very seminar and group work, syllabuses and presentations compiled on subjects given for independent work, tables, schemes, drawings and concept maps.
Study methods	Group work, discussion.
Assessment	Written examination in spring semester. Prerequisites: participation in studies, syllabus compiled on the main principles of every subject given for seminars and group work, syllabuses and tables compiled as an independent work, positive interim grades and prelims passed with positive results.

Subject code	7EMB07
Subject title	<b>Embryology</b>
Academic year	2007/2008
Course	I
ECTS/CP/hours	1,5 / 1 / 40
Auditory work (lectures, seminars)	20 hours
Independent work	20 hours
Prerequisite subjects	Learning and teaching, basics of anatomy and physiology, healthy person

Goals	Getting to know the stages of human embryological development thus evaluating the importance of reproductive health on human development.
Learning outcomes	After passing the subject, the student: knows the stages of prenatal development, critical periods in prenatal development; understand factors influencing prenatal development; know embryological terminology and can express herself/himself correctly while explaining prenatal development of a human.
Content of independent work	Work with speciality literature, test for practicing, writing names on subject related drawings, work with moulages. Compilation of study portfolio (comprising syllabuses compiled or given on basic concepts of subjects given for every lecture, tests filled in independently, drawings).
Study methods	Group work, educational films analysing, discussion
Assessment	Written test and submission of study portfolio in autumn semester.

Subject code	7MB07
Subject title	<b>Microbiology</b>
Academic year	2007/2008
Course	I
ECTS/CP/hours	1,5 / 1 / 40
Auditory work (lectures, seminars)	20 hours
Independent work	20 hours
Prerequisite subjects	-
Goals	Knowing about the basics of infection- and immunology study and following the principles of a- and antiseptics in personal professional work. Skills to assess mutual influence of the human organism and micro-organisms.
Learning outcomes	After passing the subject, the student: shall know the taxonomy, structure, living procedures and genetics of micro-organisms (viruses, bacteria, protozoa, fungi). Has the overview of the role of micro-organisms in the environment, industry, human organism and medicine. Knows different anti-microbe environment factors (physical, chemical and biological biocides) and possibilities for their use in medicine. Understands the functioning of immune system and its importance in the fight against infections (organism's resistance, cellular and humoral immunity, vaccines). Has the overview of the infections caused by microbes (ways of spreading, clinical picture, treatment possibilities, prophylactics etc.).
Content of independent work	Work with microbiology literature. Preparation for presentations and discussions at seminars. Subjects: haematogenous diseases, intestinal infections, MRSA etc. Preparation for test.
Study methods	Discussion, presentation of independent work
Assessment	Grade in autumn semester, based on the written test on the material passed during lectures and seminars. Prerequisites for taking the prelim: presentation in the seminar and passed test.

Subject code	7RT07
Subject title	<b>Public health</b>
Academic year	2007/2008
Course	I,III

ECTS/CP/hours	3 / 2 / 80
Auditory work (lectures, seminars)	40 hours
Independent work	40 hours
Prerequisite subjects	-
Goals	Acquisition of professional knowledge and skills in the field of public health required for midwives.
Learning outcomes	After passing the subject, the student: has knowledge about the theoretical bases of health and health promotion. Has knowledge about physical, psychic and social risk factors of health. Has knowledge about the interconnections between human and environment proceeding from the aspect of health. Has knowledge about the principles of health policy, organisation of and possibilities for health promotion in Estonia. Has knowledge about the health promotion activities of a nurse and midwife.
Content of independent work	Compilation of the health promotion plan pursuant to the requirements of the Estonian Health Insurance Fund and the lecturer's instruction.
Study methods	Discussion, group work
Assessment	Grade shall be formed on the bases of the result of three written tests. Final prelim at the end of the 3 <sup>rd</sup> course. Final grade presumes the presentation of independent works in time and participation in studies.

Subject code	7GE07
Subject title	<b>Genetics</b>
Academic year	2007/2008
Course	I
ECTS/CP/hours	1,5 / 1 / 40
Auditory work (lectures, seminars)	20 hours
Independent work	20 hours
Prerequisite subjects	Anatomy, physiology, biophysics
Goals	Knowledge about the nature of human heredity and most common chromosome- and genetic diseases. Skills to find interconnections between diseases and heredity.
Learning outcomes	After passing the subject the student: Has knowledge about the basic concepts of genetics; the nature of heredity and variability, most common chromosome- and genetic diseases; possibilities for the application of genetics in medicine now and in the future. Can apply the acquired knowledge in the prevention and solution of medical problems.
Content of independent work	Compilation of individual concept cards; solution of situation tasks and problem questions as a group work on the bases of obligatory and recommended literature.
Study methods	Group work, situation tasks, independent work with literature, concept cards
Assessment	Graded written prelim in autumn semester, consisting of 2 parts: test and situation tasks.

Subject code	7EA07
Subject title	<b>First aid</b>
Academic year	2007/2008
Course	I
ECTS/CP/hours	1,5 / 1 / 40

Auditory work (lectures, seminars)	6 hours
Practice in study environment	14 hours
Independent work	20 hours
Prerequisite subjects	Anatomy, physiology, ergonomics
Goals	Knowledge about the possibilities of pre-doctoral aid and readiness for its application. Skills to analyse personal activities in the provision of first aid and to give instructions to other first aid providers. Skills to justify personal activities in different crisis situations.
Learning outcomes	After passing the subject the student: Has general knowledge about the possibilities for pre-doctoral aid; knows and can perform first aid techniques; can analyse personal activities and give instructions to other first aid providers; can organise casualty's transport to hospital; can express personal thoughts and justify personal activities in different crisis situations.
Content of independent work	Essay describing/analysing the concrete sort of injury; the reasons that caused it; trauma mechanisms, symptoms, clinical picture; activity instructions in given situation; used first aid measures and possibilities for transport. A student presents his/her work as a 20-minute presentation to other students at seminar. The essay must comply with the Instructions for the Compilation of Written Papers.
Study methods	Demonstration, simulation and role plays, situation tasks.
Assessment	Graded prelim in spring semester that presumes participation in auditory work and practical training and timely presentation of independent work.

Subject code	7SL07
Subject title	<b>Introduction to sociology</b>
Academic year	2007/2008
Course	I
ECTS/CP/hours	1,5 / 1 / 40
Auditory work (lectures, seminars)	20 hours
Independent work	20 hours
Prerequisite subjects	-
Goals	To give an overview of general sociology, teach to see problems and possibilities for their solution in modern society, present arguments for personal viewpoints.
Learning outcomes	After passing the subject the student: Knows the main social theories throughout the history; can use different paradigms to understand the dynamics of a society; knows the fundamentals and principles of sociology; can analyse social problems; can use problem handling models; can provide arguments for personal viewpoints.
Content of independent work	Work with obligatory literature; compilation of subject syllabus on the bases of which the student will learn how to answer the questions and analyse independently different social problems
Study methods	Discussion, group work
Assessment	Grade in autumn semester. Analyses, presentation and argumentation of a social problem in the form of an essay.

Subject code	7PG07
Subject title	<b>Learning and teaching</b>
Academic year	2007/2008
Course	I
ECTS/CP/hours	1,5 / 1 / 40
Auditory work (lectures, seminars)	20 hours
Independent work	20 hours
Prerequisite subjects	-
Goals	Skills to describe and use the main learning theories and analyse the interconnections between learning and teaching. Skills to analyse interconnections between nurse's / midwife's activities and lifelong learning in their professional development. Knowledge of the principles of patient-teaching and mentorship in the provision of nursing aid. Readiness to teach a patient in the preservation of health, coping with illnesses and health recovery.
Learning outcomes	After passing the subject the student: Has knowledge about the main concepts of pedagogy; knowledge and skills about learning and teaching processes; knowledge about different learning styles and teaching methods; knowledge about andragogy. Can connect nursing/midwifery activities with learning and teaching.
Content of independent work	Compilation of study portfolio according to the Instruction. The portfolio shall be presented to the assessment by fellow students and the lecturer before the last seminar, during which the results are discussed and the lecturer gives feedback to students. The study portfolio that meets the requirements gives the right for taking written prelim.
Study methods	Portfolio, independent work
Assessment	Grades written prelim in autumn semester that presumes the presentation of portfolio in time.

Subject code	7F107
Subject title	<b>Introduction to philosophy</b>
Academic year	2007/2008
Course	I
ECTS/CP/hours	1,5 / 1 / 40
Auditory work (lectures, seminars)	20 hours
Independent work	20 hours
Prerequisite subjects	-
Goals	Skills to apply philosophical discussions in the solution of professional problems. Knowledge about the philosophy of nursing and midwifery and proceeding from that in personal professional work. Knowledge and application of philosophical discussion- and argumentation ways.



Learning outcomes	After passing the subject the student: Has the overview of the influence of philosophy on nursing/midwifery and trends of scientific philosophy. Knows the main concepts and value judgements of philosophy and their importance in nursing/midwifery. Knows the system of professional convictions, philosophical trends and their meaning in nursing/midwifery science; central concepts and theories of ethics. Can analyse, discuss and provide arguments for personal viewpoints; lead in the search of professional ethical goals in nursing/midwifery activities; use the development of theoretical bases in nursing/midwifery practice.
Content of independent work	A written research paper (3-5 pages)
Study methods	Discussion, presentation, independent work
Assessment	Graded prelim in autumn semester based on the presentation of written research paper.

Subject code	7SK07
Subject title	<b>Sexual education</b>
Academic year	2007/2008
Course	I
ECTS/CP/hours	3 / 2 / 80
Auditory work (lectures, seminars)	42 hours
Practice in study environment	10 hours
Independent work	28 hours
Prerequisite subjects	-
Goals	Develop the skills to understand the importance of reproductive and sexual health in future midwives. The student shall develop positive attitudes towards sexuality and sexual education. The student shall develop the skills of group work, teamwork and independent work; analysing and thinking skills proceeding from personal profession.
Learning outcomes	After passing the subject the student: Understands the importance of reproductive and sexual health; sexual education as the part of health education; different social norms and moral/ethical norms of sexual behaviour in different cultures, societies, religions, and different historical periods. Knows the principles and goals of sexual education in different age groups and possibilities for their application; concepts and main problems connected with sexual minorities in the society; methods and principles of family planning; positive attitude towards human sexuality; norms and abnormalities of sexual life.
Content of independent work	A student compiles a presentation on a freely chosen subject, based on literature and presents it in time agreed in time schedule. Preparation for and passing the family planning test.
Assessment	Written test in spring semester presuming the presentation of independent work, explanation of basic concepts, active participation in group work.

Subject code	7RÄ07
Subject title	<b>Pregnancy and midwifery in case of pregnancy</b>
Academic year	2007/2008

Course	I
ECTS/CP/hours	3 / 2 / 80
Auditory work (lectures, seminars)	32 hours
Practice in study environment	24 hours
Independent work	24 hours
Prerequisite subjects	Anatomy, physiology, biophysics; embryology; healthy person; sexual education.
Goals	Readiness to provide midwifery care proceeding from woman's living procedures with the application of evidence-based knowledge about a healthy woman, normal pregnancy, demonstrating evidence-based knowledge, critical thinking and knowledge about value judgements. Skills to provide midwifery care under the supervision of a mentor during healthy person's practical training in work environment, proceeding from the health of the embryo and mother and teach/instruct the women and her loved ones according to the aims of practical training. (See the subject programme "Healthy person and study practice").
Learning outcomes	After passing the subject the student: Knows the midwifery concepts connected with pregnancy; immunology of pregnancy, including the hormones of pregnancy; signs of early- and late pregnancy; adaptation and periods of life of an embryo; obstetrical vagina of a woman and anatomy of embryo's head. Can use the pregnancy "wheel" calendar and determine the hypothetical time of ovulation and delivery; assess the condition of an embryo; counsel the pregnant woman and support person in the preparation for delivery, stressing the importance of visiting midwife/gynaecologist and family school; provide midwifery care. Respects ethical convictions and family's right for options during preparation for delivery and delivery process.
Content of independent work	Presentation of independent work: as an annotation, summary of material translated from foreign language; schemes/tables, situation tasks or subject cards.
Study methods	Problem-based learning, group work, role play, demonstration, practicing on moulage, situation tasks, study film analysing.
Assessment	Examination in spring semester. Written test in theory, preceded by hand-on activities during practice in work environment; timely presentation of independent works; participation in studies.

Subject code	7BK07
Subject title	<b>Biochemistry</b>
Academic year	2007/2008
Course	I
ECTS/CP/hours	1,5 / 1,0 / 40
Auditory work (lectures, seminars)	20 hours
Independent work	20 hours
Prerequisite subjects	-
Goals	Knowledge of the main concepts of biochemistry and human organism as a whole, its separate parts and interconnections between those parts. Knowledge of the structure of substance and its corresponding characteristics. Skills to connect the acquired knowledge with professional studies and future professional work.
Learning outcomes	After passing the subject the student:

	Knows the connections between micro- and macrostructure. Has knowledge about the main concepts of biochemistry and basic framework of organisms' structure and its cellular structure. Has knowledge about an organism as a whole, its separate parts and their interconnections.
Content of independent work	Reading of a foreign language text in biochemistry and making a summary of it; discussion of independently studied Web-materials; questionnaire on the whole passed material (2 home tests).
Study methods	Discussion, group work on pre-given subject, study visit, presentations.
Assessment	Graded prelim in spring semester, presuming positive results of independent works that shall form the bases for the formation of final grade.

Subject code	7KT07
Subject title	<b>Environment and health</b>
Academic year	2007/2008
Course	I, II, IV
ECTS/CP/hours	2,25 / 1,5 / 60
Auditory work (lectures, seminars)	30 hours
Independent work	30 hours
Prerequisite subjects	Microbiology, public health, biochemistry
Goals	To give knowledge about legislative acts on workplace safety and health (including prevention of hospital infections), factors influencing the environment. Develop the skills to assess/chart risk factors, analyse them, assess the dimension of risk and the level of health risk and develop the right and necessary prevention measures for the prevention of harmful influence of risk factors in work environment; and counsel patients.
Learning outcomes	After passing the subject the student: Can independently use legislative acts; has acquired the information to identify risk factors in work environment; knows the main principles of risk analyses; has acquired safe work techniques; knows the necessary prevention methods, can use them in future professional work with the aim to ensure safe work environment for patients and personnel.
Content of independent work	<u>Hospital infection</u> : to visit the homepage of the Labour Inspectorate - <a href="http://www.tervisekaitse.ee">www.tervisekaitse.ee</a> ; preparation for seminars on the bases of the Standard for the Prevention of Infections and compilation and a presentation on a corresponding subject. <u>Occupational health</u> : assessment of risks in work environment, compilation of risk matrix. Independent work must be presented 3 days before the last lecture.
Study methods	Lecture/seminar, group work, watching and analysing an educational film, discussion, debate
Assessment	Grade in the autumn semester of the 4 <sup>th</sup> course. Final grade is formed by the grades of tests on hospital infections and occupational health and independent work.

Subject code	7FL07
Subject title	<b>Pharmacology</b>
Academic year	2007/2008
Course	I, II, III
ECTS/CP/hours	4,5 / 3 / 120

Auditory work (lectures, seminars)	60 hours
Independent work	60 hours
Prerequisite subjects	Anatomy, physiology, biophysics; Latin
Goals	During the first course: to give an overview of basic pharmacological concepts, different forms of drugs and their administration ways, mathematical calculation of drug doses. Second and third course: to give an overview of the most generally used drug groups, their co-influence and use, prescription studies and nursing/midwifery activities connected with medication treatment.
Learning outcomes	After passing the subject the student: Has knowledge about the influence of drugs on human organism and factors influencing their effect; most generally used drug groups, their pharmacokinetics, pharmacodynamics; indications and contraindications for use and side-effects; group-specific nursing/midwifery activities of discussed drug groups. Knows the general principles of the treatment of acute drug poisoning. Knows different forms of drugs and the ways of their administration, dependence of drug's influence upon its form and the way of administration. Can apply mathematical calculation in the administration of drugs; make prescriptions; connect medication treatment with nursing/midwifery process; use pharmacological reference books, manuals and internet sources.
Content of independent work	First course: compilation of home apothecary, determination of storage life of existing medications, disposing of outdated medications; mathematical calculation of drug doses. Second and third course: compilation of study syllabus on a chosen drug group and making a presentation on corresponding theme during a seminar, compilation of a short summary of personal basic drug groups based on personal and other students' syllabuses.
Study methods	Discussion, presentation, independent work
Assessment	Written unified examination in the autumn semester of the third course. Graded written prelim in first and second course. The taking of examination presumes the accomplishment of earlier prelims, tests and independent works.

Subject code	7ER07
Subject title	<b>Kinematics and ergonomics</b>
Academic year	2007/2008
Course	I, II
ECTS/CP/hours	3 / 2 / 80
Auditory work (lectures, seminars)	28 hours
Practice in study environment	24 hours
Independent work	28 hours
Prerequisite subjects	Anatomy, physiology, biophysics; basics of nursing/midwifery; learning and teaching.
Goals	Knowledge about the basic concepts of moving. Skills to use the basic movements, gestures and postures in personal work. Skills to use ergonomic work techniques for the prevention of health risks in nurse's work and skills to observe and draw conclusions about to people's motor behaviour.

Learning outcomes	After passing the subject the student: Has knowledge about the basic concepts of moving; has knowledge about the necessary skills for the development of normal gesture- and moving patterns; has knowledge and skills about normal basic movements, basic gestures and positions and uses them in ergonomics. Can connect the acquired knowledge in kinematics with nursing (during the practical training „Healthy person“). Can observe and draw conclusions about people’s motor behaviour.
Content of independent work	A student observes personal gestures during a week. Analyses the observation results and compares to the literature. Presentation of the results during the last seminar.
Study methods	Practicing, observation, discussion, study films analyse
Assessment	Grade in the spring semester of II course.

Subject code	7PL07
Subject title	<b>Psychology (incl. social psychology)</b>
Academic year	2007/2008
Course	I, II
ECTS/CP/hours	4,5 / 3 / 120
Auditory work (lectures, seminars)	60 hours
Independent work	60 hours
Prerequisite subjects	-
Goals	Knowledge about the basic concepts and different psychological conceptions of developmental-, social- and clinical psychology. Knowledge about the psychological characteristics across different stages of lifespan and diversities of personality at this background and skills to apply the acquired knowledge in midwife’s work. Readiness to prevent, solve and cope with different conflict situations using different communication techniques. Skills to work in a team and provide professional emotional support as a member of team both for patients and their loved ones. Knowledge about personal abilities and potential.
Learning outcomes	After passing the subject the student: First course: has knowledge about the basic concepts and conceptions of developmental psychology. Knows psychological specificities of different stages across the lifespan and diversities of personality at this background; knows personal abilities and potential and is able to think and analyse critically; cultural differences. Knows how to use contemporary subject literature and databases and plan and lead independent work. Second course: has knowledge about the basic concepts, conceptions and subjects of social psychology. Knows and can apply research methods of social-clinical psychology. Understands the nature of and reasons for individual’s social behaviour. Can prevent, solve and cope with different conflict situations. Knows the right communication techniques and can apply them in personal professional work. Knows, appreciates and can use the principles of team/group work. In clinical psychology: has the knowledge about the basic concepts and spheres of clinical psychology; can see and understand psychological indications and possible abnormalities in patient’s personality. Has overview of the key subjects in clinical psychology, kinds of psychotherapy and possibilities for their application. Is able to provide professional emotional support both for patients and their loved ones, knows the basics of counselling proceeding from midwife’s work.

Content of independent work	<p>During the first course in developmental psychology: tasks presuming work with study literature, preparations for seminars. The basic independent work consists of a comprehensive translation of a foreign language (for example English) article in developmental psychology (found from a magazine, manual, textbook or electronic databases) that has to be presented to the lecturer with the original text complemented by student's comments and discussion over its content, importance and contemporaneity. The volume of independent work is 4-5 A4 pages (without a title page). An independent work meeting the requirements has to be presented to the last but one seminar (preferably earlier), where public discussion, defence and assessment of independent works takes place. An independent work meeting the requirements and presented in time gives the right to take the written preliminary exam. Second course in social psychology: tasks presuming work with study literature, preparations for seminars and practical training. The main independent work consists of the compilation of written group-analyses, the basics and requirements for which shall be given at the first contact lecture.</p> <p>Clinical psychology: compilation of study syllabus on a freely chosen subject in clinical psychology (the subject shall be registered by the lecturer), the compilation presumes the use of at least 5 different sources (monographs, reference books, manuals, textbooks, scientific magazines, electronic sources of scientific nature), at least 2 of which should be in foreign language. The volume of syllabus is 6 A4 pages (not including the title page and the list of literature).</p>
Study methods	Discussion in groups, situation exercises, analyses of literature sources, practicing, demonstration, test.
Assessment	Unified grade in the spring semester of the 2 <sup>nd</sup> course. An independent work meeting the requirements and presented in time gives the right to take the written preliminary exam taking place at the end of developmental-, social- and clinical psychology course.

Subject code	7UTM07
Subject title	<b>Methods of research and development (MRD)</b>
Academic year	2007/2008
Course	I, II, III
ECTS/CP/hours	6 / 4 / 160
Auditory work (lectures, seminars)	50 hours
Practice in study environment	10 hours
Independent work	100 hours
Prerequisite subjects	Basics of nursing/midwifery, learning and teaching, introduction to philosophy
Goals	To give an overview of the basics of scientific thinking; principle, goals and processes of research work; principles and problems of ethics. To learn to use independently the different databases of scientific literature and acquire skills both for the compilation of course- and final paper and professional development work.
Learning outcomes	After passing the subject the student: Can apply the acquired evidence-based knowledge connected with: the skills of finding and analysing professional literature and evidence-based scientific articles; evidence-based research work and research process in the field of nursing/midwifery; the goals of nursing/midwifery practice and research work.

Content of independent work	<p>The first course Charting the basic terminology according to the MRD midwifery/nursing spheres: students form 5-6 member groups and get a sphere of the subject from lecturer that will form the bases for the search for English and Finnish equivalents for basic concepts of midwifery/nursing terminology. These basic concepts shall help students in finding and use of the correct search words for course- and final papers. Students will find a scientific article from the collection of evidence-based nursing magazines in library.</p> <p>The second course Method of research. Either in 1-2 member groups or 6-7 member groups (at students' free choice): students will find 2 scientific articles, 1 for final paper review, from the collection of evidence-based databases in library. Articles shall be analysed according to the analysing instruction, final paper shall be reviewed, and after that students shall present their independent works in the seminar.</p> <p>The third course A student chooses the subject for course paper and compiles the course paper pursuant to the order validated by Tallinn Health College, presents it in time and gets ready for its defence.</p>
Study methods	Group work, discussion, individual/group supervision, compilation of study portfolio, presentation
Assessment	Defence of course paper in the spring semester of the 3 <sup>rd</sup> course.

Subject code	7LK07
Subject title	<b>Latin</b>
Academic year	2007/2008
Course	I
ECTS/CP/hours	1,5 / 1 / 40
Auditory work (lectures, seminars)	20 hours
Independent work	20 hours
Prerequisite subjects	-
Goals	To acquire knowledge about how to build up the necessary professional vocabulary, its correct presentation and use in written and oral form.
Learning outcomes	After passing the subject the student: Can properly use professional terminology both in oral and written form. Places a high value on eruditeness, correct professional language and its adequate use.
Content of independent work	Individual translation of texts and prescriptions; compilation of professional expressions.
Study methods	Discussion, independent work with obligatory literature, practicing in groups
Assessment	Graded written preliminary exam in spring semester.

Subject code	7 VK07
Subject title	<b>Russian</b>
Academic year	2007/2008
Course	I
ECTS/CP/hours	1,5 / 1 / 40
Auditory work (lectures, seminars)	20 hours
Independent work	20 hours

Prerequisite subjects	-
Goals	Skills to communicate with and counsel patients in Russian language, proceeding from his/her problems and needs.
Learning outcomes	After passing the subject the student: Knows professional terminology and communication language; can understand and talk to patients; counsel and exchange information. Knows the names and symptoms of most commonly spread diseases. Places high value on Russian language skills.
Content of independent work	Learning of terminology and expressions, practicing through situation tasks, reading and translation of texts.
Study methods	Discussion, group work
Assessment	Written prelim in spring semester.

Subject code	7IK07
Subject title	<b>English</b>
Academic year	2007/2008
Course	I, III
ECTS/CP/hours	3 / 2 / 80
Auditory work (lectures, seminars)	40 hours
Independent work	40 hours
Prerequisite subjects	-
Goals	Skills to communicate with and counsel patients and their family members in English, proceeding from their problems and needs.
Learning outcomes	After passing the subject the student: Knows professional terminology and communication language; can understand and talk to patients; counsel and exchange information. Knows the names and symptoms of most commonly spread diseases. Can read and understand professional literature. Places a high value on English language skills.
Content of independent work	Learning of terminology and expressions, practicing through situation tasks, reading and translation of texts, compilation of short presentations.
Study methods	Discussion, group work
Assessment	Graded prelim in the spring semester of the 3 <sup>rd</sup> course.

### **Part A**

Subject code	7SPÄ07
Subject title	<b>Normal delivery, puerperium and study practice</b>
Academic year	2007/2008
Course	II
ECTS/CP/hours	7,5 / 5 / 200
Auditory work (lectures, seminars)	92 hours
Practice in study environment	68 hours
Independent work	40 hours
Practice in work environment ECTS/CP/hours	12 / 8 / 320 (see part B)



Prerequisite subjects	Anatomy, embryology, healthy person, public health, pharmacology, family planning, basics of midwifery, pregnancy and midwifery in case of pregnancy.
Goals	Readiness to provide midwifery care proceeding from woman's living procedures, with the application of evidence-based knowledge about delivery, puerperium and neonatal care.
Learning outcomes	After passing the subject the student: Knows normal delivery and puerperium, their concepts and criteria; terminology of obstetrics and puerperium; mechanisms activating delivery activity, structure of birth canal and puerperal changes in woman's organism; bio-mechanisms of delivery in case of I and II position of front and back variant of occipital position; mechanisms and etiological factors arising delivery pain and characteristics of a healthy timely neonate. Can prepare a women in childbirth and her support person for delivery; compile a delivery management plan as a member of team; counsel the woman and man about relieving the pain; induct delivery in preclinical conditions on a simulator; assess the condition of fetus and neonate; observe and counsel the woman about puerperal recovery and neonatal care, accomplishing puerperal midwifery procedures; fill in corresponding documentation and compile a midwifery plan. Places high value on ethical attitudes in relations with patients and colleagues.
Content of independent work	Work with evidence-based professional literature proceeding from subjects chosen by the student. To find a research article from evidence-based literature about midwifery/mother care. Analyses of the evidence-based content of the article concentrating on the aim of research, problem and research results.
Study methods	Demonstration and practice during practical training in study environment, discussion in groups, educational film and its analyses, problem exercises, role plays, compilation of portfolios, study visit.
Assessment	Examination in autumn semester, written test presuming participation in auditory work and study practice in study environment, where the skills of hand-on demonstration and oral self- expression are assessed; in time presentation of independent works.

### Part B

Subject code	7PSÄ07
Subject title	<b>Practice in work environment</b> (Normal delivery, puerperium and midwifery)
Academic year	2007/2008
Course	II
ECTS/CP/hours	12 / 8 / 320
Independent work	58 hours
Practice in study environment	256 hours
Study practice seminar	6 hours
Goals	To fix the acquired theoretical knowledge about a healthy person, pregnancy, delivery, breast feeding and neonatal care with practice in work environment under the supervision of a mentor; to acquire professional practical skills through the connection of theory with practice in women's clinic, delivery ward and neonatal ward thus developing the right professional attitudes and value judgements in students.

Learning outcomes	After passing the subject the student: Can counsel about relieving the delivery pain; can compile a delivery plan as a member of team; can prepare the woman in childbirth and her support person for delivery; can induct delivery in preclinical conditions on a simulator and in work environment under the supervision of a mentor; can assess the condition of embryo and neonate; can observe and counsel the woman about puerperal recovery and neonatal care; can accomplishing puerperal midwifery procedures; can fill in corresponding documentation (partogram) and compile a midwifery plan; places high value on ethical attitudes in relations with patients and colleagues.
Independent work	Filling in delivery- and puerperal records pursuant to EU directives on every procedure the student assists or performs independently under the supervision of a mentor, Organising of portfolio, reading professional literature, translating, writing practical research paper with the use of professional evidence-based articles.
Study methods	Demonstration; practicing; teamwork; work with literature: translating, abstracts; supervision of a student; giving feedback.
Assessment	Preliminary exam in spring semester presuming the accomplishment of study practice to its full extent, assessment of practical placement's supervisors with mentor's and student's comments at student's assessment list, presentation of practical training portfolio with practical training records meeting the requirements of EU directives, practical research paper and its defence.

Subject code	7IM07
Subject title	<b>Study of breastfeeding</b>
Academic year	2007/2008
Course	II, IV
ECTS/CP/hours	1,5 / 1 / 40
Auditory work (lectures, seminars)	16 hours
Practice in study environment	16 hours
Independent work	8 hours
Prerequisite subjects	Anatomy-physiology, healthy woman, healthy child, delivery and puerperal period.
Goals	Readiness to apply the contemporary knowledge and skills in breast feeding required for midwife's practical work during puerperal period both in hospital and home conditions and promote WHO recommendations saying that breast milk is the best for a baby for the first 6 months, advisable to be continued until the baby is two years old.
Learning outcomes	After passing the subject the student: Knows breast anatomy. Has knowledge about the physiology of breastfeeding and the effect of basic hormones (oxytocin, prolactin, breast milk inhibitor) during lactation; woman's nutrition and fertility during breastfeeding; the use of medication during breastfeeding; possibilities to solve emergency situations. Has knowledge and skills about practical counselling of breastfeeding, possible problems during breastfeeding period and possibilities for their solution. Knows the composition of breast milk, can explain its uniqueness and necessity.
Content of independent work	Compilation of an essay following the instruction. The essay shall be presented to fellow students and the lecturer before the last seminar, where a discussion of the content of essays takes place and the lecturer gives feedback. The essay meeting the

	requirements gives the right to take written preliminary exam.
Study methods	Group work, demonstration, study films analysing.
Assessment	Preliminary exam with unified grade in the spring semester of IV course.

Subject code	7PA07
Subject title	<b>Pathology</b>
Academic year	2007/2008
Course	II
ECTS/CP/hours	2,25/ 1,5 / 60
Auditory work (lectures, seminars)	30 hours
Independent work	30 hours
Prerequisite subjects	Anatomy, physiology, biophysics; biochemistry; microbiology; genetics; healthy person.
Goals	Knowledge about general changes in organism's cells and tissues and pathophysiological changes in organ systems in case of illnesses and skills to connect this knowledge with patient's nursing problems, using analyses and critical assessment.
Learning outcomes	After passing the subject the student: Knows the nature of pathology and can use the basic concepts of general pathology; compensatory, adaptive and regenerative processes. Knows the alterative changes in case of which tissue damages (dystrophies, necroses, and death) and disturbances of thermoregulation (fever, hyperthermia, hypothermia) are prevailing. Understands the general pathological processes (hyperaemia, hyphemia, stases, ischemia, infarct, shock, thromboses, emboli, bleeding, disturbances in lymph circulation). Has the overview of inflammatory processes and immune pathology (inflammation, immune deficiency in case of allergy, autoimmune pathology). Has the overview of tumour theories and their nature and basic knowledge about the etiopathogeneses of most common diseases (atherosclerosis, ischemic heart disease, obstructive lung diseases).
Content of independent work	Work with pathology literature. Systematisation of study material, compilation of concept cards, preparation for seminar presentations and tests.
Study methods	Group work, discussion.
Assessment	Grade in the spring semester of II course based on the results of tests passed during the course, seminar presentations and independent work.

Subject code	7TD07
Subject title	<b>Study of nutrition</b>
Academic year	2007/2008
Course	II
ECTS/CP/hours	1,5 / 1 / 40
Auditory work (lectures, seminars)	20 hours
Independent work	20 hours
Prerequisite subjects	-
Goals	Knowledge about nutrition terminology, healthy nutrition and dietology and their application in professional work. Skills to instruct patients and their loved ones in choosing the right food.
Learning outcomes	After passing the subject the student:

	Can counsel patients/clients about healthy nutrition.
Content of independent work	A student analyses personal nutrition habits and presents the results during a seminar.
Study methods	Discussion, group work, problem solving learning.
Assessment	Graded prelim in the spring semester of the second course. Formation of final grade is based on the result of the test and the average grade for independent works.

### Part A

Subject code	7SH007
Subject title	<b>Nursing of a patient with internal disease and study practice</b>
Academic year	2007/2008
Course	II
ECTS/CP/hours	4,5 / 3 / 120
Auditory work (lectures, seminars)	60 hours
Practice in study environment	36 hours
Independent work	24 hours
Practice in work environment ECTS/CP/hours	6 / 4 / 160 (look part B)
Prerequisite subjects	Basics of nursing/midwifery, healthy person, anatomy, physiology, pathology, microbiology, biochemistry, pharmacology, clinical chemistry, genetics, sociology, psychology, pedagogy, philosophy, methods of research, foreign languages.
Goals	Readiness to apply nursing care proceeding from living procedures, needs of the patient with internal disease and his/her loved ones demonstrating in practice the acquired evidence-based knowledge, critical thinking and value judgements. Can provide nursing care for a patient with internal disease in work environment under the supervision of a mentor and teach/instruct the patient according to the goals of practical training (look part B).
Learning outcomes	After passing the subject the student: Has knowledge about the most common internal diseases; knows the main concepts of internal diseases; knows etiopathogeneses, clinical picture, possibilities of diagnostics and treatment and prophylactics. Has suitable attitudes and value judgements in the care of a patient with internal disease based on patient's individuality. Can communicate with the patient and his/her family members. Can perform nursing procedures in a process-based way proceeding from the individuality of a patient with internal disease. Has acquired the skills of analytical and critical thinking, multidisciplinary approach and reflection skills. Can perform nursing procedures on a patient with internal disease in work environment under the supervision of a qualified mentor. Have teamwork skills.
Content of independent work	To compile a written paper based on professional evidence-based literature: according to the subject defined by the lecturer "nursing process for a patient with internal disease" using the Roper-Logan-Tierney nursing model
Study methods	Discussion, group work, educational film analyses, problem-based exercises, role plays, compilation of a portfolio, analyses of scientific articles and literature, practicing.

Assessment	Complex examination in spring semester, the first part of which is a test on the nursing theory of internal diseases and nursing of a patient with internal disease. The second part is a problem situation exercise with the performance of nursing procedures
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### Part B

Subject code	7SHÖ07
Subject title	<b>Study practice in work environment</b> (Nursing of a patient with internal disease)
Academic year	2007/2008
Course	II
ECTS/CP/hours	6 / 4 / 160
Independent work	26 hours
Study practice in work environment	128 hours
Study practice seminar	6 hours
Goals	To fix the acquired theoretical knowledge and skills and techniques acquired during pre-clinical practice.
Learning outcomes	After passing the study practice the student: Has got acquainted with practical placement; can cooperate with patients with internal diseases and their loved ones; can work in a team; can perform nursing procedures with the help of a practical training mentor; can compile a nursing history.
Content of independent work	Compilation of practical work using nursing- and clinical-theoretical knowledge and personal practical experience (look the Instruction for the Compilation of Practical Training Portfolio); filling in practical training diary; compilation of practical training portfolio.
Study methods	Keeping a diary, work with literature, practicing, demonstration, individual supervision.
Assessment	Preliminary exam in spring semester presuming the accomplishment of study practice to its full extent, assessment of practical placement's supervisor with mentor's and student's comments at student's assessment list, presentation of practical training portfolio about accomplished practical trainings; practical work.

### Part A

Subject code	7KHÖ07
Subject title	<b>Nursing of a surgical patient and study practice</b>
Academic year	2007/2008
Course	II
ECTS/CP/hours	4,5 / 3 / 120
Auditory work (lectures, seminars)	60 hours
Practice in study environment	36 hours
Independent work	24 hours
Practice in work environment ECTS/CP/hours	4,5 / 3 / 120 (look part B)
Prerequisite subjects	Basics of nursing/midwifery, nursing procedures, pathology, biochemistry, study of nutrition, public health, physiology, pedagogy, clinical chemistry.
Goals	Readiness to apply nursing care proceeding from living procedures, needs of the

	surgical patient and his/her loved ones demonstrating in practice the acquired evidence-based knowledge. To develop analytical and critical and reflection skills.
Learning outcomes	After passing the subject the student: Can plan nursing procedures according to surgical patient's individual- and health problems (in pre-, intra- and postoperative period); can perform blood transfusion; knows personal sphere of responsibility in case of blood transfusion; knows how to act in case. of transfusion reaction; knows blood transfusion documentation; can assess pain; knows the principles of pain relief; knows the principles of wound care; can prepare patients for pre-operative examinations; knows the kinds of anaesthesia; knows the principles of performing chemical- and radiation therapy; knows side effects and can counsel patients.
Content of independent work	To compile a written paper based on evidence-based literature: according to the subject defined by the lecturer "nursing process for a patient needing surgical nursing care" using the Roper-Logan-Tierney nursing model.
Study methods	Discussion, group work, problem-based exercises, role plays, compilation of a portfolio, analyses of scientific articles and literature, brainstorm, practicing.
Assessment	Complex examination in spring semester, the first part of which is a test on the nursing theory of surgical diseases and nursing of a surgical patient, the second part is a problem situation exercise with the performance of nursing procedures. Assessment by fellow students and the lecturer takes place throughout the whole course. The grade for the course is formed of the results of student's independent works, test and the problem exercise with planned activities. An independent work shall be presented in the seminar and shall be assessed by the lecturer and fellow students. The work is considered passed in case its in-time presentation in seminar and positive result.

### Part B

Subject code	7PKÖ7
Subject title	<b>Study practice in work environment</b> (Nursing of a surgical patient)
Academic year	2007/2008
Course	II
ECTS/CP/hours	4,5 / 3 / 120
Independent work	18 hours
Study practice in work environment	96 hours
Study practice seminar	6 hours
Goals	To fix the acquired theoretical knowledge and skills and techniques acquired during pre-clinical practice.
Learning outcomes	After passing the study practice the student: Has got acquainted with practical placement; can cooperate with patients with surgical diseases and their loved ones; can work in a team; can perform nursing procedures with the help of a practical training mentor; can compile a nursing history.
Content of independent work	Compilation of practical work using nursing- and clinical-theoretical knowledge and personal practical experience (look the Instruction for the Compilation of Practical Training Portfolio); filling in practical training diary; compilation of practical training portfolio.
Study methods	Keeping a diary, work with literature, practicing, demonstration, individual supervision.

Assessment	Preliminary exam in spring semester presuming the accomplishment of study practice to its full extent, assessment of practical placement's supervisor with mentor's and student's comments at student's assessment list, presentation of practical training portfolio about accomplished practical trainings; practical work.
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Subject code	7KK07
Subject title	<b>Clinical chemistry</b>
Academic year	2007/2008
Course	II
ECTS/CP/hours	1,5 /40
Auditory work (lectures, seminars)	20
Independent work	20
Prerequisite subjects	Anatomy and physiology, biochemistry, basics of nursing
Goals	Skills to prepare patients/clients for laboratory testing thus preventing potential mistakes. Skills to use the data of clinical chemistry analyses in the compilation of nursing history, bringing up nursing problems and counselling patients and their loved ones. Skills to collect, preserve and transport analyses. Knowledge about principles of teamwork in pre-analytical and post-analytical stages.
Learning outcomes	After passing the subject the student: Has knowledge about the collection, preservation and transport of analyses; can prepare patients for laboratory testing and prevent potential mistakes; can use reference values and find them from corresponding literature sources if necessary. Is aware of the necessity of laboratory control, has acquired the skills of multidisciplinary approach, can connect the acquired knowledge with the subject "Nursing in case of internal diseases".
Content and methods of independent work	Performance of independent work takes place as E-learning in IVA environment (problem solving).
Study methods	Discussion, group work, E-learning in IVA environment.
Assessment	Graded prelim in the spring semester of the 2 <sup>nd</sup> course. Written test can be made by students, who have presented all the tests given in IVA in time.

**Part A**

Subject code	7LHÖ07
Subject title	<b>Nursing of a sick child and study practice</b>
Academic year	2007/2008
Course	III
ECTS/CP/hours	4,5 / 3 / 120
Auditory work (lectures, seminars)	60 hours
Practice in study environment	40 hours
Independent work	20 hours
Practice in work environment ECTS/CP/hours	6 / 4 / 160 (look part B)
Prerequisite subjects	Basics of nursing/midwifery, healthy person, anatomy, physiology, biophysics, pathology, kinematics and ergonomics, pharmacology, study of nutrition, clinical chemistry.
Goals	Readiness to apply nursing/midwifery care for a child and his/her family proceeding from living procedures, needs of the patient and his/her loved ones demonstrating in practice the acquired evidence-based knowledge, critical thinking and value judgements. Can provide nursing/midwifery care for a sick child in work environment under the supervision of a mentor; teach/counsel the patient and his/her family according to the goals of practical training (look part B).
Learning outcomes	After passing the subject the student: Has suitable attitudes and value judgements in the care of a sick child and his/her family; abilities for analytical and critical thinking, multidisciplinary approach and reflection skills; teamwork skills. Can communicate with a sick child and his/her family; perform process-based nursing procedures on a sick child; can perform nursing procedures on a sick child in work environment under the supervision of a qualified mentor.
Content of independent work	Work with evidence-based professional literature according to the subject chosen by student. To find one research article from evidence-based literature about the nursing care of a child. In finding the article the students should proceed from the health problem accompanying the disease. Analyses of article's evidence-based content, concentrating on the aim, problem and the result of the research.
Study methods	Demonstration and exercises during study practice in study environment, discussion in groups, educational film and its analyses, problem-based exercises, role plays, compilation of portfolios, study visit.
Assessment	Complex examination in the autumn semester of the 3 <sup>rd</sup> course. Assessment by fellow students and the lecturer takes place throughout the whole course. The taking of examination presumes the in-time presentation of independent work, participation in studies and practice in study environment, solving problem situations with nursing procedures during study practice. Successful passing of theory examination forms the prerequisite for going to study practice in work environment.

**Part B**

Subject code	7PLÖ07
Subject title	<b>Study practice in work environment</b> (Nursing of a sick child)
Academic year	2007/2008
Course	III



ECTS/CP/hours	6 / 4 / 160
Independent work	26 hours
Study practice in work environment	128 hours
Study practice seminar	6 hours
Goals	To integrate the knowledge and skills acquired in theory with previously acquired knowledge, skills and experiences; to analyse and assess personal skills throughout intermediate seminars during the study practice in work environment with the mentor and supervisor.
Learning outcomes	After passing the study practice the student: Orientates in practical placement's work organisation; has experience in teamwork; has acquired practical techniques for child nursing; has knowledge required for the compilation of nursing history.
Content of independent work	To analyse one concrete problem connected with the nursing of a sick child, compiling a nursing plan based on obligatory and recommended literature in part A.
Study methods	Individual supervision, compilation of practical training diary and portfolio.
Assessment	Graded preliminary exam in the autumn semester of the 3 <sup>rd</sup> course. Required criteria for getting the grade: accomplishment of study practice to its full extent, assessment of practical placement's supervisor with mentor's and student's comments at student's assessment list, presentation of practical training portfolio about accomplished practical trainings; practical work.

Subject code	7GE07
Subject title	<b>Nursing of a geriatric patient</b>
Academic year	2007/2008
Course	III
ECTS/CP/hours	1,5 / 1 / 40
Auditory work (lectures, seminars)	20 hours
Independent work	20 hours
Prerequisite subjects	Anatomy, physiology, biophysics, biochemistry, pathology, study of nutrition, pharmacology, nursing of a patient with internal disease, nursing of a surgical patient, mental health nursing, nursing of a neurological patient, nursing of a patient with dermato-venereal disease, psychology.
Goals	Readiness to demonstrate deep understanding, competence, professional attitudes and value judgements in nursing of elderly persons based on the knowledge about processes influencing aging and specific individual needs of an elderly person.
Learning outcomes	After passing the subject the student: Knows the most common nursing problems connected with elderly person's diseases; classification of elderly people's diseases; health- and care spheres in Estonia and elsewhere in the world. Can assess physiological and pathological changes taking place in elderly organism; use different assessment instruments; help elderly people in solving nursing care problems; counsel elderly people and their relatives about the need for treatment and post-treatment in case of health problems; take care of a patient in terminal condition and support the relatives.

Content of independent work	To solve the situation exercise connected with 6 geriatric patients and sent by the lecturer pursuant to the valid requirements. Discussion takes place in a seminar. To choose one 65+ patient, for whom fill in RAI-HO instrument (every student fills in individually) that shall form bases for the compilation of group work (max 5-6 students in a group), the defence of which takes place during the final seminar.
Study methods	Discussion, group work, E-learning.
Assessment	Graded prelim in autumn semester. Assessment by fellow students and the lecturer takes place throughout the whole course. The grade consists of the results of situation exercises and the defence of nursing history of an elderly person compiled on the bases of individually filled in RAI-HO documents and realised as a group work (max 5-6 students in a group).

Subject code	7NH007
Subject title	<b>Nursing of a patient with infectious disease</b>
Academic year	2007/2008
Course	III
ECTS/CP/hours	1,5 / 1 / 40
Auditory work (lectures, seminars)	12 hours
Practice in study environment	8 hours
Independent work	20 hours
Prerequisite subjects	Basics of nursing/midwifery, nursing procedures, physiology, genetics, microbiology, public health, pathology.
Goals	To give future midwives the basic knowledge about the nature of most common infectious diseases and their spreading; develop understanding of nurse's /midwife's activities in infection prevention; specificity of the nursing of patients with infectious diseases.
Learning outcomes	After passing the subject the student: Knows the most common infectious diseases in Estonia; can define the nursing problems arising from the disease; knows his/her personal role in following the requirements for the prevention of infections in case of infectious disease; has knowledge about isolation regimes and taking of microbiological samples in case of different infectious diseases.
Content of independent work	Learning and acquisition of lecture materials based on lecture syllabus and study literature recommended by the lecturer. Feedback in seminars, a test. Compilation of study syllabus on a freely chosen subject on the bases of literature, presentation of the syllabus in the IVA portfolio and its presentation in the seminar.
Study methods	Study visit (infection hospital), E-learning, discussion.
Assessment	A grade in spring semester based on 2 tests, independent work (lecture syllabus).

### Part A

Subject code	7RIÄ07
Subject title	<b>Midwifery of risk pregnancy and study practice</b>
Academic year	2007/2008
Course	III
ECTS/CP/hours	6 / 4 / 160
Auditory work (lectures, seminars)	80 hours

Practice in study environment	40 hours
Independent work	40 hours
Practice in work environment ECTS/CP/hours	9 / 6 / 240 (look part B)
Prerequisite subjects	Anatomy, physiology, embryology, healthy person, pregnancy, delivery, puerperium, and midwifery in case of pregnancy, delivery and puerperium.
Goals	Readiness to provide midwifery care proceeding from woman's living procedures, thus applying evidence-based knowledge both about normal and risk pregnancy, with the skills to determine and diagnose the beginning pregnancy pathology and provide the right midwifery care according to the situation. To fix the acquired knowledge about a healthy person, normal- and risk pregnancy during practice in work environment under the supervision of a mentor; to acquire new practical professional experiences connecting earlier knowledge and study experience with the practice in women's clinic thus developing the right professional attitudes and value judgements (look part B).
Learning outcomes	After passing the subject the student: Knows the physiology and pathology of pregnancy; different pregnancy risks based on anamnestic data and high risk pregnancy; risks occurring in current pregnancy and high risk pregnancy; necessity to consult gynaecologist in case of the existence of pregnancy risk. Can identify abnormalities in the process of pregnancy; observe and counsel in case of risk pregnancy; assess the condition of a fetus and midwifery care of a pregnant woman. Places high value on patient's privacy and options during midwifery process.
Content of independent work	Presentation of independent work: during a seminar, as an essay, a summary of material translated from foreign language literature, concept cards, situation exercises or subject cards.
Study methods	Discussion, demonstration, practicing, problem-based learning
Assessment	Examination in spring semester. Written test presuming participation in auditory studies, practice in study environment where hand-on and oral skills are assessed and in-time presentation of independent work.

### Part B

Subject code	7PRÄ07
Subject title	<b>Study practice in work environment</b> (Midwifery of risk pregnancy)
Academic year	2007/2008
Course	III
ECTS/CP/hours	9 / 6 / 240
Independent work	42 hours
Study practice in work environment	192 hours
Study practice seminar	6 hours
Goals	To fix the theoretical knowledge acquired in theory about a healthy person, normal- and risk pregnancy during practice in work environment under the supervision of a mentor; acquire new practical professional skills connecting the previously acquired knowledge and study experiences with practice in woman's clinic thus developing the right professional attitudes and value judgements.

Learning outcomes	After passing the practice the student: Can assess different pregnancy risks based on anamnestic data and high risk pregnancy; risks occurring in current pregnancy and high risk pregnancy; knows the necessity to consult gynaecologist in case of the existence of pregnancy risk; can identify abnormalities in the process of pregnancy; observe and counsel in case of risk pregnancy; assess the condition of an embryo; can provide midwifery care for a pregnant woman. Places high value on patient's privacy and options during midwifery process and ethical attitudes towards patients and colleagues.
Content of independent work	Filling in record cards according to EU directives (look EU directives), organising of portfolio, reading professional literature, summaries of texts, writing practical research paper.
Study methods	Demonstration, practicing, teamwork, individual supervision of a student.
Assessment	Graded prelim in spring semester presuming the accomplishment of study practice to its full extent, assessment of practical placement's supervisor with mentor's and student's comments at student's assessment list, presentation of practical training portfolio (including the record cards meeting the requirements of EU directives); practical research paper and its defence.

### Part A

Subject code	7PH007
Subject title	<b>Nursing of a patient with mental disorders and study practice</b>
Academic year	2007/2008
Course	III
ECTS/CP/hours	2,25 / 1,5 / 60
Auditory work (lectures, seminars)	30 hours
Practice in study environment	18 hours
Independent work	12 hours
Study practice in work environment ECTS/CP/hours	4,5 / 3 / 120 (look part B)
Prerequisite subjects	Basics of nursing/midwifery, nursing ethics, nursing procedures, healthy person, anatomy and physiology, microbiology, biochemistry, pharmacology, clinical chemistry, sociology, psychology, foreign languages, nursing of a patient with internal disease, nursing of a sick child, nursing of a surgical patient, environment and health, public health, disabled person, elderly person, geriatrics and nursing, psychiatry and nursing of a psychiatric patient.
Goals	Readiness to communicate with patients having psychiatric- and behavioural disorders and their loved ones and assess patient's psycho-social condition. Can provide nursing/midwifery care in work environment under the supervision of a mentor; teach/instruct the patient with psychic- and behavioural disorders and his/her family according to the aims of practical training and legislative acts (look part B).
Learning outcomes	After passing the subject the student: Knows the legislation regulating psychiatric care and is ready to counsel patient's loved ones; has the overview of nursing specificity of patients with special needs; can communicate and create contacts with patients with special psychic needs; can apply the acquired knowledge in work environment.
Content of independent work	Summary on the subject given by the lecturer and its presentation in seminar.

Study methods	Discussion, presentations and their discussions, independent work with literature, essay.
Assessment	Graded prelim with multiple choice answers presuming in-time presentation of independent works. Formation of the grade is based on the orientation in subject sphere, analysing and conclusion skills, participation in seminar. In-time presentation of independent work and the positive test result are of special importance.

### Part B

Subject code	7PPÖ7
Subject title	<b>Study practice in work environment</b> (Nursing of a patient with mental disorders)
Academic year	2007/2008
Course	III
ECTS/CP/hours	4,5 / 3 / 120
Independent work	18 hours
Study practice in work environment	96 hours
Study practice seminar	6 hours
Goals	Acquaintance with practical placement and its work organisation. To get to know and fix the knowledge about the psychic specificity of clients/patients with psychiatric diagnoses acquired during theoretical studies. To get to know the nursing procedures performed in psychiatric nursing in their practical context.
Learning outcomes	After passing the study practice the student: Knows the specificity of patients with psychological diagnoses and can apply the acquired knowledge in the communication with patients and counselling patients in practical outcomes. Can cooperate with patients with psychic- and behavioural disorders and their loved ones; can work/participate in teamwork with patients with special needs. Can assess nursing care needs of patients with psychic special needs and apply nursing procedures according to the specificity of patients/clients with different psychiatric diagnoses in practical training environment. Is able to analyse and assess the process of practical training and knows the work organisation of practical placement.
Content of independent work	Compilation of practical training portfolio (including practical work, consistence and coherence of additional materials in the portfolio) using the acquired theoretical knowledge and practical experience (look the Instruction for the Compilation of Practical Training Portfolio). Compilation of practical work according to Gibbs model; filling in practical training diary and assessment list.
Study methods	Keeping a practical training diary, making correct entries; independent work with literature; reflecting and analyses of the situation-centred condition of a patient; feedback on practice and personal development.
Assessment	Graded prelim in spring semester presuming the accomplishment of practical training to its full extent with positive result, practical work according to Gibbs model - reflection, presentation of practical training portfolio. Assessment of practical placement's supervisor with mentor's and student's comments at student's assessment list, presentation of practical training portfolio about accomplished practical trainings; practical work.

### Part A

Subject code	7GÜN07
Subject title	<b>Nursing of a gynaecological patient and study practice</b>
Academic year	2007/2008
Course	III

ECTS/CP/hours	6 / 4 / 160
Auditory work (lectures, seminars)	80 hours
Practice in study environment	48 hours
Independent work	32 hours
Practice in work environment ECTS/CP/hours	6 / 4 / 160 (look part B)
Prerequisite subjects	Ethics, basics of nursing/midwifery, anatomy, physiology, healthy person, internal diseases and nursing, pharmacology, clinical chemistry, pathology, surgery and nursing, psychology.
Goals	Readiness to provide midwifery care proceeding from woman's living procedures thus applying the evidence-based knowledge about a healthy woman and man, public health, sexual education and nursing/midwifery procedures; skills to counsel women in the prevention of diseases proceeding from ethical convictions and principles of confidentiality. To fix the acquired theoretical knowledge about a healthy person and nursing care of surgical and gynaecological patient proceeding from EU directives 80/155/EEC, acquiring new practical professional skills and connecting it with previous knowledge and study experience thus developing the right professional attitudes and value judgements. The goals of study practice (look part B).
Learning outcomes	After passing the subject the student: Knows contemporary gynaecological examination methods and nursing procedures preceding examinations; knows the instruments/equipment used for examinations and procedures; knows the most common female organs' inflammations, incl. venereologic infections, their co-complaints and psychological problems; the relevant nursing and prevention methods; knows the nature of modern in vitro fertilisation (IVF) procedure; micromanipulations used in IVF laboratories; psychological and social problems of patients coming to IVF procedures; knows the most common female organs' tumours and concomitant complaints.
Content of independent work	Work with evidence-based professional literature according to subjects chosen by students. To find a research article about nursing care from evidence-based literature; to analyse its evidence-based content concentrating on its aim, problem, result of research and applicability in professional work.
Study methods	Discussion, group work, demonstration, practicing, problem-based learning, educational films and their analyses.
Assessment	Graded exam in spring semester based on the participation in seminars, in-time presentation of independent works, grades for oral answers based on subject cards, grade for practical training and participation in studies.

### Part B

Subject code	7PGÖ07
Subject title	<b>Study practice in work environment</b> (Nursing of a gynaecological patient)
Academic year	2007/2008
Course	III
ECTS/CP/hours	6 / 4 / 160
Independent work	26 hours
Study practice in work environment	128 hours

Study practice seminar	6 hours
Goals	To fix the acquired theoretical knowledge about a healthy person and nursing care of surgical and gynaecological patient in work environment under the supervision of a mentor proceeding from EU directives 80/155/EEC, acquiring new practical professional skills and connecting it with previous knowledge and study experience thus developing the right professional attitudes and value judgements.
Learning outcomes	After passing the study practice the student: Can prepare patients for gynaecological operations; can provide first-aid in case of most common gynaecological traumas; can provide first-aid in case of critical conditions in gynaecology; can make blood transfusion and observe the patient during blood transfusion; can counsel woman on abortion prevention; can lay the gynaecological table during minor procedures/operations; care take care of a patient in post-operative period; places high value on ethical attitudes and confidentiality of information connected with gynaecological diseases.
Content of independent work	Completion of portfolio; reading and summarising professional literature, writing a practical research work, reflections on personal activities.
Study methods	Demonstration, practicing, teamwork, individual study supervising.
Assessment	Graded prelim in spring semester presuming the accomplishment of study practice to its full extent, assessment of practical placement's supervisor with mentor's and student's comments at student's assessment list, presentation of practical training portfolio (including the record cards meeting the requirements of EU directives); practical research paper and its defence.

Subject code	7NSÖ07
Subject title	<b>Nursing of a patient with dermato-venereal disease</b>
Academic year	2007/2008
Course	III
ECTS/CP/hours	0,75 / 0,5 / 20
Auditory work (lectures, seminars)	10 hours
Independent work	10 hours
Prerequisite subjects	Basics of nursing/midwifery, anatomy, physiology, biophysics, genetics, pathology, microbiology, public health, hospital infections, clinical chemistry, pharmacology, study of nutrition.
Goals	Readiness to provide nursing/midwifery care for patients and their relatives in case of different dermato-venereal diseases. Knowledge about risk factors and prevention ways; skills to work with a patient having dermato-venereal disease without affecting him/herself and others placing high value on patient's privacy, health and midwifery ethics.

Learning outcomes	After passing the subject the student: Knows the ways of prevention of venereal diseases and counsel about their prevention; the symptoms of venereal diseases and nursing procedures used their diagnoses and treatment. Can examine skin in case of most common skin diseases, knows the rash elements of skin diseases; can identify serious skin diseases: psoriasis and systemic connective tissue disease; can identify the signs of mole becoming malignant (signs of melanoma). Knows the methods for the prevention of allergic diseases. Can identify the rashes of allergic diseases, knows their main treatment principles and nursing procedures used in treatment. Knows the methods for the prevention of infectious skin diseases. Can identify the rashes of infectious skin diseases, knows their main treatment principles and nursing procedures used in treatment.
Content of independent work	Compilation of presentation on given subjects according to the instruction that shall be sent to the lecturer and fellow students by e-mail before its oral presentation. Given subjects: Rash elements of skin; Dermatophytosis; Treatment principles of dermatophytosis; Virus infections of skin; Treatment principles of skin virus infections; Bacterial infections of skin; Treatment principles of bacterial infections of skin; Pediculosis, its treatment; Scabies, their treatment; Acne, its treatment; Eczema; Atopic dermatitis; Treatment principles of allergic skin diseases.
Study methods	Group work, discussion, presentation
Assessment	Graded prelim in spring semester presuming the making the presentation.

Subject code	7EK07
Subject title	<b>Estonian</b>
Academic year	2007/2008
Course	III
ECTS/CP/hours	1,5 ECTS / 40
Auditory work (lectures, seminars)	20
Independent work	20
Prerequisite subjects	-
Goals	Correct use of language both orally and in written form.
Learning outcomes	After passing the subject the student: Can express himself/herself correctly both orally and in written form; can use professional terminology properly. Knows how to forward the relevant information effectively, how to compile written papers and necessary documents. Places a high value at native language and importance of a word in communication process; correct expression skills.
Content and methods of independent work	Independent work shall fix the acquired knowledge and forms bases for future research work. Methods: home-learning by practicing Estonian, work with professional vocabulary, compilation of written papers.
Study methods	Discussion, group work, compilation of concept card, subject presentations, tests.
Assessment	Graded prelim in the spring semester of the 3 <sup>rd</sup> course

## Part A



Subject code	7PSPÄ07
Subject title	<b>Pathological delivery, -puerperium and study practice</b>
Academic year	2007/2008
Course	IV
ECTS/CP/hours	9 / 6 / 240
Auditory work (lectures, seminars)	112
Practice in study environment	80
Independent work	48
Practice in work environment ECTS/CP/hours	5 / 10 / 400 (look part B)
Prerequisite subjects	Anatomy, embryology, healthy person, public health, pharmacology, family planning, basics of midwifery, normal and risk pregnancy and midwifery, normal delivery, -puerperium.
Goals	Readiness to provide midwifery care proceeding from woman's living procedures, thus applying evidence-based knowledge both about normal and pathological delivery, with the skills to determine and diagnose the beginning pregnancy pathology and provide the right midwifery care according to the situation. To fix the acquired knowledge about a healthy person, normal- and risk pregnancy, normal and pathological delivery, pathological puerperium during practice in work environment, under the supervision of a mentor; to acquire new practical professional experiences connecting earlier knowledge and study experience with the practice in women's clinic thus developing the right professional attitudes and value judgements (Look part B).
Learning outcomes	After passing the subject the student: Knows the principles of the observing, conducting of delivery and counselling of a women in labour with fetus in posterior- and perpendicular occipital position and with multiple pregnancy; knows the principles of the observing and conducting of pre- and postmature delivery; knows the specificity and care of pre- and postmature newborn; knows delivery dystocia and principles of KTG interpretation; knows puerperal diseases including infections, obstetric traumas, etiological factors and can counsel about their care and prevention; knows obstetric operations and midwifery procedures; knows the instructions validated by the Estonian Society of Gynaecologists (ESG).
Content of independent work	Work with evidence-based professional literature proceeding from subjects chosen by the student. To find a research article from evidence-based literature about midwifery/mother care. Analyses of the evidence-based content of the article concentrating on the aim of research, problem and research results.
Study methods	Demonstration and practice during practical training in study environment, discussion in groups, educational film analyses, problem exercises, role plays, compilation of portfolios, study visit.
Assessment	Graded exam in autumn semester, written test presuming participation in auditory work and study practice in study environment, where the skills of hand-on demonstration and oral self- expression are assessed; in time presentation of independent works.

### **Part B**

Subject code	7PPÄ07
Subject title	<b>Practice in work environment (Pathological delivery, -puerperium)</b>

Academic year	2007/08
Course	IV
ECTS/CP/hours	15/10/400
Independent work	74
Study practice in work environment	320
Study practice seminar	6
Goals	To fix the acquired theoretical knowledge about a healthy person, pregnancy, parturition, breastfeeding and neonatal care with practice in work environment under the supervision of a mentor; to acquire professional practical skills through the connection of theory with practice in women's clinic, delivery ward and neonatal ward thus developing the right professional attitudes and value judgements in students.
Learning outcomes	Can provide first aid in case of posterior- and perpendicular position of fetus, previa/prolapse of small parts; can provide first aid in case of bleeding during delivery/puerperium; can prepare a woman in labour for obstetric operations and observe the woman during the post-operation/delivery period; can provide help in extreme situations (manual placenta removal, revision of uterine cavity, eclampsia, delivery of multiple- and posterior fetuses) after having passed pre-clinical practice; knows the midwifery procedures connected with obstetric/puerperal abnormalities; can counsel in case of breastfeeding of pre- and postmature newborn; places high value on the provision of safe and private environment proceeding from patient's individual needs; places high value on ethical attitudes in communication with patients and their loved ones.
Content of independent work	Filling in parturition- and puerperal records pursuant to EU directives on every procedure the student assists or performs independently under the supervision of a mentor. Organising of portfolio, reading professional literature, translating, writing practical research paper with the use of professional evidence-based articles.
Study methods	Demonstration; practicing; teamwork; work with literature: translating, abstracts; supervision of a student; giving feedback.
Assessment	Graded prelim in spring semester presuming the accomplishment of study practice to its full extent, assessment of practical placement's supervisor with mentor's and student's comments at student's assessment list, presentation of practical training portfolio with practical training records meeting the requirements of EU directives, practical research paper and its defence

### Part A

Subject code	7IÖ07
Subject title	<b>Intensive care nursing and study practice</b>
Academic year	2007/2008
Course	IV
ECTS/CP/hours	3 / 2 / 80
Auditory work (lectures, seminars)	44 hours
Practice in study environment	16 hours
Independent work	20 hours
Practice in work environment ECTS/CP/hours	6 / 4 / 160

Prerequisite subjects	Basics of nursing/midwifery, nursing of a patient with internal disease, nursing of surgical patient, pharmacology, pathology, anatomy, physiology, biophysics, children's diseases and nursing, first aid, neural diseases and nursing.
Goals	Readiness to provide nursing/midwifery care considering the specificity of examination, treatment, care and behaviour of a patient critical situation working as a member of team. Can provide nursing/midwifery care and teach/instruct a patient needing intensive care and his/her family under the supervision of a mentor in work environment according to the aims of practical training and legislative acts.
Learning outcomes	After passing the subject the student: Has knowledge about intensive care and nursing. Knows the main concepts of intensive care. Can plan nursing procedures according to patient's individual and health problems. Can observe the intensive care and assess his/her condition. Can fill in intensive care documentation. Can perform intensive nursing procedures, including resuscitation. Knows the problems that may arise during procedures and can solve them.
Content of independent work	Two written papers: Situation exercise connected with intensive care medications (4-5 students in a group). A student shall compile a short syllabus on a given subject and makes a PowerPoint presentation to other students (2 students in a group).
Study methods	Discussion in groups, educational film analyses, problem exercises, role plays, analyses of scientific articles and literature, brainstorm, practicing, examination, presentation of the short syllabus.
Assessment	Complex exam in autumn semester, the first part of which is a test on the theory of intensive care and intensive nursing, the second part is comprised of a problem situation and its solution with the accomplishment of intensive care nursing procedures. Student's learning is being assessed during the whole course by the lecturer and fellow students. Formation of the course grade is based on the results of student's independent work, lesson-tests, test, and solution of problem situation with planned activities.

### Part B

Subject code	7PIÖ07
Subject title	<b>Study practice in work environment (Intensive care nursing)</b>
Academic year	2007/2008
Course	IV
ECTS/CP/hours	6 / 4 / 160
Independent work	128 hours
Study practice in work environment	26 hours
Study practice seminar	6 hours
Goals	The aim of the intensive care nursing study practice is to integrate the acquired theoretical knowledge/skills with practice and acquire practical work techniques in clinical environment.
Learning outcomes	After passing the study practice the student: Has got acquainted with practical placement; can cooperate with patients needing intensive care and their loved ones; can work in a team; can perform intensive care nursing procedures acquired at school with the help of a practical training mentor; can fill in intensive care documentation; is able to analyse and assess the practical training process.

Content of independent work	Compilation of practical work using nursing- and clinical-theoretical knowledge base and personal practical experiences (look the Instruction for the Compilation of Practical Training Portfolio); filling in practical training diary; compilation of practical training portfolio.
Study methods	Individual supervision, observation, keeping/recording a practical training diary, independent work with literature, performance of practical nursing procedures, assessment on personal activities and supervision in practical placement.
Assessment	Graded prelim in autumn semester. Required criteria for getting the grade: accomplishment of study practice to its full extent; assessment of practical placement's supervisor with mentor's and student's comments at student's assessment list, presentation of practical training portfolio (including practical work).

### Part A

Subject code	7NEO07
Subject title	<b>Neonatology and study practice</b>
Academic year	2007/2008
Course	IV
ECTS/CP/hours	3 / 2 / 80
Auditory work (lectures, seminars)	40 hours
Practice in study environment	24 hours
Independent work	16 hours
Study practice in work environment ECTS/CP/hours	6 / 4 / 160 (look part B)
Prerequisite subject	Anatomy, physiology, embryology, genetics, pharmacology, healthy woman, healthy child, healthy pregnant, children's diseases, midwifery in case of pregnancy and delivery, normal delivery, pathological delivery, puerperium and nursing in case of puerperium.
Goals	Readiness to apply nursing/midwifery care for a newborn and family according to living procedures, needs of the patient and his/her loved ones, demonstrating in practice evidence-based knowledge, critical thinking and the right value judgements. Can provide nursing/midwifery care for a sick newborn in work environment under the supervision of a mentor, can teach/instruct the patient and his/her family according to the aims of practical training (look part B).
Learning outcomes	After passing the subject the student: Knows newborns' physiology, specificity of development, adaptation and most common abnormalities of adaptation of newborns; basic concepts of perinatology and their meaning; specificities and abnormalities of postmature and premature newborn. Can connect problems arising during pregnancy and delivery with newborn's later adaptation and possible disorders; counsel the mother on newborn care and breast feeding; decide over the necessity to provide first aid for newborn in delivery room and assist the doctor in resuscitation; place high value on safe and private environment meeting the patient's needs and ethical behaviour with the parents of a sick newborn. Recognises the situations requiring notification of social worker to guarantee the safety of a newborn.
Content of independent work	Compilation of independent works according to the chosen subject, presentation of independent work, orientation in the subject and answering the questions.
Study methods	Group work, situation exercises, demonstration, presentation of independent work, discussion, individual supervision, practice in work environment

Assessment	Graded prelim in autumn semester. Getting the grade presumes the participation in practice in study environment, participation in seminars and in-time presentation of independent works. Grade for theory is a prerequisite for getting to study practice in work environment. Assessment of study practice in work environment (look part B).
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### Part B

Subject code	7PNEO07
Subject title	<b>Study practice in work environment (Neonatology)</b>
Academic year	2007/2008
Course	IV
ECTS/CP/hours	6 / 4 / 160
Independent work	26 hours
Study practice in work environment	128 hours
Study practice seminars	6 hours
Goals	To get to know the principles of intensive care nursing on newborns. To perform intensive care techniques on newborns under the supervision of a mentor. To learn to plan and record intensive care process pursuant to the requirements.
Learning outcomes	After practice in work environment the student: Can determine the need for nursing care on a sick newborn. Can counsel and instruct parents. Knows the specificity of newborn intensive care nursing, can perform nursing procedures under the supervision of a mentor. Knows the rules of cooperation with different specialists.
Content of independent work	Compilation of practical training portfolio. Compilation of independent work, its in-time presentation and defence.
Study methods	Individual supervision, demonstration, practicing, compilation of study portfolio, abstracts of literature, compilation of study portfolio, reflection on activities
Assessment	Graded prelim in spring semester presuming the accomplishment of study practice to its full extent, assessment of practical placement's supervisor with mentor's and student's comments at student's assessment list, presentation of practical training portfolio.

Subject code	7NÄÖ07
Subject title	<b>Nursing of a neurological patient</b>
Academic year	2007/2008
Course	IV
ECTS/CP/hours	0,75 / 0,5 / 20
Auditory work (lectures, seminars)	10 hours
Independent work	10 hours
Prerequisite subjects	Anatomy, physiology, biophysics, pharmacology, pathology, basics of nursing/midwifery, psychology, clinical chemistry, internal- and surgical diseases.
Goals	Readiness to determine and solve different nursing problems arising in case of neurological diseases according to the specificity of given patient's disease, patient's individuality and his/her personal choices. Skills to inform and instruct the patient and his/her family member in finding the optimal care, placing high value on ethics and empathy.

Learning outcomes	After passing the subject the student: Has acquired knowledge required for midwife's work about the nature of most common neural diseases; risk factors; basic symptoms; examination methods, prophylactics and treatment possibilities.
Content of independent work	1. Preparation for tests. 2. Independent learning of the following diseases: tick-borne encephalitis, tick-borreliosis, polysclerosis, children's cerebral paralyses, Parkinson disease. Test of knowledge in a form of discussion or test during practice.
Assessment	Graded prelim in autumn semester presuming the participation in practical training and presentation of independent work.

Subject code	7LOR07
Subject title	<b>Nursing of ear-nose-throat- and eye diseases</b>
Academic year	2007/2008
Course	IV
ECTS/CP/hours	1,5 / 1 / 40
Auditory work (lectures, seminars)	8 hours
Practice in study environment	12 hours
Independent work	20 hours
Prerequisite subjects	Basics of nursing/midwifery, anatomy, physiology, biophysics, pathology, pharmacology, clinical chemistry, microbiology, nursing of an internal-, surgical-patient and sick child.
Goals	Skills to plan nursing care according to the patient's individual- and health problems. Knowledge about the basic symptoms, risk factors and transmission ways of most common ear-nose-throat- and eye diseases. Skills to provide process-based nursing care and perform nursing procedures without harming the patient.
Learning outcomes	After passing the subject the student: Knows the basic symptoms of diseases; their risk factors; effects of drugs; legislative acts regulating the sphere. Knows and can apply in practice patients' examination methods used in the speciality; knows the possibilities for the prevention of diseases; can critically assess the actual problems. Can prevent potential problems; lead nursing process considering patients interests.
Content of independent work	Written compilation of 10-minute presentation for seminar (according to the Instruction for the Compilation of Student Papers) on the actual, potential problems and nursing procedures in case of a patient with the disease chosen from seminar subjects, using both electronic- and other evidence-based sources at least one of which has to meet the requirements for scientific literature. To work theoretically through the diseases and nursing process according to the chosen subject. To compile a syllabus on basic concepts and write an instruction for one nursing procedure. To compile a written review of one nursing process (with the correction of nursing plan) at every seminar.
Study methods	Discussion, demonstration, study portfolio
Assessment	Graded prelim in autumn semester. Formation of the grade: arithmetical average of the grades for nursing procedures accomplished during practice in study environment, seminar presentation, reviews and test on the material passed in seminars. Prerequisites for getting the grade: presentation of study portfolio comprising the syllabuses of the materials of lectures, seminars, practical trainings;

	syllabuses or copies of internet- and scientific literature sources.
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### Part A

Subject code	7EÖ12604
Subject title	<b>Primary health care nursing and study practice</b>
Academic year	2007/2008
Course	IV
ECTS/CP/hours	3 / 2 / 80
Auditory work (lectures, seminars)	40 hours
Practice in study environment	16 hours
Independent work Study practice in work environment ECTS/CP/hours	24 hours 10,5 / 7 / 280 (look part B)
Prerequisite subject	Anatomy, physiology, embryology, genetics, pharmacology, healthy woman, healthy child, healthy pregnant, children's diseases, midwifery in case of pregnancy and delivery, normal delivery, pathological delivery, -puerperium and nursing in case of puerperium.
Goals	Skills to use the previously acquired knowledge according to the spheres of primary health care nursing/midwifery, skills to identify the individual's and his/her family's need for nursing/midwifery care both in ambulatory- and home environment. Appreciation and application of teamwork principles and communication skills in personal work. Can provide nursing/midwifery care in work environment under the supervision of a mentor and teach/instruct the patient and his/her family proceeding from the aims of practical training and legislative acts.
Learning outcomes	After passing the subject the student: Knows the current situation, work organisation and possibilities for the development of primary health care. Knows the basics of family- and home nursing. Can determine the need for nursing/midwifery care, compile a nursing plan and provide nursing care according to the individual's and his/her family's needs. Can use the acquired knowledge in the organisation of family nurse's work and provision of nursing care. Is ready to work in a multidisciplinary team.
Content of independent work	Independent work with study materials and obligatory literature according to the spheres of primary health care nurse's /midwife's work. Compilation and presentation of independent works on primary health care nursing/midwifery subjects.
Study methods	Group work, situation exercises, demonstration, presentation of independent work, discussion, individual supervision, practice in work environment.
Assessment	Graded prelim in autumn semester presuming active participation in studies, in-time presentation of independent works, participation in discussions.

### Part B

Subject code	7PEÖ07
Subject title	<b>Study practice in work environment</b> (Primary health care nursing)
Academic year	2007/2008
Course	IV
ECTS/CP/hours	10,7 / 7 / 280
Independent work	50 hours

Study practice in work environment	224 hours
Study practice seminars	6 hours
Goals	To fix the acquired knowledge and skills in practice. To develop students' skills to assess the need for nursing care of an individual and his/her family. To deepen students' skills to work with different specialists.
Learning outcomes	After passing the study practice in work environment the student: Can use the previously acquired knowledge according to the spheres of primary health care nursing/midwifery; identify the individual's and his/her family's need for nursing/midwifery care both in ambulatory- and home environment. Knows the principles of teamwork, places high value on and can apply communication skills in personal professional work. Can provide nursing/midwifery care in work environment under the supervision of a mentor and teach/instruct the patient and his/her family proceeding from the aims of practical training and legislative acts.
Content of independent work	Analyses of the work of a family nurse, primary health care nurse/midwife. Independent work with literature. Compilation of practical work using nursing- and clinical-theoretical knowledge and practical experience (look the Instruction for the Compilation of Practical Work).
Study methods	Discussion, presentation, work with obligatory literature, observation, practicing, supervision
Assessment	Graded prelim in spring semester. Accomplishment of practical training to its full extent. Assessment of practical placement's supervisor with mentor's and student's comments at student's assessment list. Practical training portfolio, including practical work meeting the EU directives. Practical work meeting the requirements.

Subject code	7ÄR07
Subject title	<b>Internationality of midwifery</b>
Academic year	2007/2008
Course	V
ECTS/CP/hours	1,5 / 1 / 40
Auditory work (lectures, seminars)	20 hours
Independent work	20 hours
Prerequisite subjects	Delivery, healthy woman, healthy child, study of breastfeeding.
Goals	To get acquainted with cultural differences on the bases of examples from different states. Orienting in demographic- and medical statistics, skills to read statistics, development of its interpretation skills. Dependence of midwife's work on the concrete socio-economic and cultural circumstances. Knowledge about the biggest international organisations.
Learning outcomes	After passing the subject the student: Can consider the needs of woman of different cultural backgrounds in midwife's work. Has the knowledge and skills for the search of statistical data: demography, medicine, geography etc. Can interpret the woman's condition in a given cultural environment on the bases of available statistical material. Can prognosticate the sphere midwife's work in a given cultural environment on the bases of statistical material and is well-informed about the situation in Estonia.
Content of independent work	Compilation of an essay according to the instruction. An essay shall be presented orally; presentation shall be followed by discussion and feedback. An essay meeting



	the requirements gives the right for taking written preliminary exam.
Study methods	Discussion, presentation, work with obligatory literature, observation, practicing, supervision
Assessment	Graded prelim in autumn semester. A test presuming in-time presentation of an essay and its oral presentation.

Subject code	7JÖ30303
Subject title	<b>Study of management and basics of enterprise</b>
Academic year	2007/2008
Course	V
ECTS/CP/hours	1,5 / 1/ 40
Auditory work (lectures, seminars)	20 hours
Independent work	20 hours
Prerequisite subjects	Psychology, professional ethics, health care legislation.
Goals	Knowledge about the basic principles and theories of organisation and management, skills to integrate the acquired knowledge with the health care specificity and management. Knowledge about the main functions of management (planning, organisation; personnel management, leadership and control). Skills to plan time and demonstrate managerial knowledge and skills base don evidence-based knowledge, critical thinking and value judgements in nursing practice.
Learning outcomes	After passing the subject the student: knows the specificity of management and its basic trends; basics of teamwork and change-making. Has the overview of the nature of leader's functions; knowledge about basic concepts of enterprise and entrepreneur; knowledge about the specificity of small enterprises; Can orientate in the sphere, see and describe problems; apply the acquired knowledge in practical activities; can find suitable methods for the establishment of enterprise.
Content of independent work	Compilation of exercises according to the instruction. Independent work shall be presented for the assessment by the lecturer and fellow students before the last seminar, which is meant for discussion and feedback from the lecturer. An independent work meeting the requirements gives the right to take the written preliminary exam. Exercises presuming the work with literature, preparation for seminars on the bases of study literature and practical experiences for making, analysing and forming of experiments.
Study methods	Group work, experiment, discussion.
Assessment	Graded prelim in autumn semester presuming active participation in studies, concretely compiled presentation and its in-time presentation, written test.

Subject code	7STS07
Subject title	<b>Organisation of health care and social protection</b>
Academic year	2007/2008
Course	V
ECTS/CP/hours	2,25 / 1,5 / 60
Auditory work (lectures, seminars)	30 hours
Independent work	30 hours
Prerequisite	Subjects of clinical nursing/midwifery and study practice.

subjects	
Goals	To get an overview about social sector institutions and their functions, and the rights and obligations of health care workers. Knowledge about the main legislative acts regulating the sphere of social and health protection; the skills to find and use them. Skills to counsel clients/patients about the services provided by social sector and analyse the functioning of the systems of health insurance and family doctor.
Learning outcomes	After passing the subject the student: Knows and can use the basic concepts of social policy. Can differentiate the key institutions in the development and application of social policy. Knows the functions of the Ministry of Social Affairs and other authorities in its administration. Knows the most important laws of health and social protection, principles and tasks of children protection. Can assess independently the functioning of health insurance and family doctor systems. Places high value on medical right, knows the rights and obligations of health care workers.
Content of independent work	Learning of lecture materials at home, improvement of lecture syllabus by reading educational- and scientific literature; improvement of skills to use different information sources; essay or written summary (one source) or an overview (several sources) on the subject. Both in case of the overview and summary scientific sources and correct references are required, volume ca 2 pages.
Study methods	Lecture, seminar, improvement of syllabus, group work
Assessment	Graded prelim in autumn semester. Written test. The grade is formed on the bases of the results of the in-time presented essays/summaries/overviews, lecture syllabus and written test.

Subject code	7DEP07
Subject title	<b>Pre-diploma practice in work environment</b>
Academic year	2007/2008
Course	V
ECTS/CP/hours	12 / 8 / 320
Independent work	58 hours
Study practice in work environment	256 hours
Study practice seminars	6 hours
Goals	To fix the knowledge and skills acquired in theoretical studies about a healthy person, pregnancy, delivery, breast feeding, care of a newborn.
Learning outcomes	After passing the study practice the student can work independently as a nurse/midwife.
Content of independent work	Compilation of portfolio, filling in practical training registration lists, work with literature, compilation and defence of practical work pursuant to the requirements.
Assessment	Graded prelim in autumn semester. Prerequisites for getting the grade: accomplishment of study practice to its full extent, requirements of EU directives, presentation of study portfolio with the assessment of practical placement's supervisor with mentor's and student's comments at student's assessment list, practical work meeting the requirements.