



MIDWIFE

1470

<b>Educational institution</b>	<b>TALLINN HEALTH CARE COLLEGE</b>
<b>Code of educational institution</b>	70003980
<b>Title of the curriculum</b>	<i>ÄMMAEMAND</i>
<b>Title of the curriculum in English</b>	<b>MIDWIFE</b>
<b>Higher education level</b>	Professional higher education
<b>Curriculum code in the Estonian Education Info-System (EHIS)</b>	1470
<b>Data about the right for conducting studies in the curriculum</b>	Curriculum belongs to the “Health Care” study programme group in which there is a right to conduct studies. 11.07.2019 Regulation No 62 “Standard of Higher Education” issued by the Government of Estonia.
<b>Primary registration of the curriculum</b>	05.09.2002
<b>Approval date of the version of the curriculum in the educational institution</b>	The curriculum has been approved by the Council of Midwifery Curriculum on 30.04.2020.  The curriculum has been approved by the Tallinn Health Care College Council with Decision No 2.3 from 26.05.2020.

<b>Study area</b>	Health and well-being
<b>Field of studies</b>	Health
<b>Curriculum group</b>	Health Care
<b>Main field of study (or studies) of the curriculum and their volume (ECTS)</b>	Midwife 270 ECTS
<b>Minor field (or fields) of study and other possible specializations in the curriculum and their volume (ECTS)</b>	The curriculum has no minor fields or specializations
<b>Forms of study</b>	Daytime learning
<b>Nominal length of studies</b>	4,5 years
<b>Volume of the curriculum in European credit point system (ECTS)</b>	270 ECTS
<b>Volume of compulsory subjects (ECTS)</b>	265
<b>Volume of elective subjects (ECTS)</b>	5

<b>Study language</b>	Estonian
<b>Other languages needed for achieving the learning outcomes</b>	English
<b>Admission requirements</b>	Certificate of the secondary or vocational secondary education or equivalent qualification.
<b>Aim of the curriculum</b> The aim of the Curriculum of Midwife is to provide internationally recognized professional higher education for working in the area of health care and to enable the student to acquire necessary competencies for working as a midwife and nurse and for continuing one's education in Master's studies.	

### **Learning outcomes of the curriculum**

1. Has a systematic overview of the foundations of midwifery and nursing, ethics and philosophy, while working in an interdisciplinary team.
2. Applies responsible and process-based patient/client and family centred midwifery and nursing care, connecting professional evidence-based theory, practice and holistic approach to a human individual.
3. Is able to discuss in Estonian and in one foreign language (English) on an international level deriving from the profession of midwife on people's customs, attitudes and beliefs coming from different cultures.
4. Implements in his/her professional activities the knowledge of teaching, management and entrepreneurship, possessing readiness for self-directed learning and professional development.
5. Synthesizes the principles of research and its possibilities of application in the field of profession.
6. Has complied with the requirements of the EU directive on the profession of a midwife and a nurse.

### **Conditions of fulfilling the curriculum**

Curriculum contains:

7 modules (270 ECTS)

Midwifery Care	63 ECTS
Community Midwifery	65 ECTS
Clinical and Health Nursing	45 ECTS
Mental Health and Intensive Care Nursing	29 ECTS
Basic Studies	43 ECTS
Research Methodology	20 ECTS
Elective Subjects	5 ECTS
Volume of Practical Training	111 ECTS
Volume of Graduation Thesis/Final Examination	5 ECTS
Volume of Elective Subjects	5 ECTS

<b>Options for passing the curriculum</b>	Students are required to choose and pass elective subjects within the College to the extent of 5 ECTS. To complete the curriculum, students can choose between a graduation thesis and final examination.
<b>Graduation requirements</b>	Completing the curriculum in full and receiving a positive grade in defending the graduation thesis or a positive grade for the final examination.
<b>Type of diploma issued upon graduation</b>	College graduate is awarded the Diploma of Professional Higher Education <i>Terviseteaduse bakalaureus</i> Bachelor of Science in Health Sciences (BSc).
<b>Documents issued upon graduation</b>	Diploma of Professional Higher Education with academic transcript and Diploma Supplement in English.
<b>Possibilities for continuing studies</b>	Master`s studies
<b>Access to labour market</b>	Recognition of the professional qualification of the Curriculum of Midwife is the basis of access to the labor market of the European Union and the European Economic Area. The qualification is subject to automatic recognition pursuant to the European Parliament and Council Directive 2005/36/EC, Article 21, as the curriculum complies with minimum training requirements provided in Article 40 and Annex V, clause 5.5.1 and the diploma is listed in Annex V, point 5.2.2. In addition, as the Curriculum of Midwife fully contains the Curriculum of General Nurse, the Nursing qualification included in the qualification of Midwife is subject to automatic recognition pursuant to the European Parliament and Council Directive 2005/36/EC, Article 21, as the curriculum complies with minimum training requirements provided in Article 31 and Annex V, clause 5.2.1. Diploma holder has been granted the qualification of a midwife on the 6th level of the Estonian Qualifications Framework.
<b>Additional information</b>	Graduates are automatically added to the profession register and they may apply to be added to the register of health care workers.  <a href="http://www.ttk.ee/et/kontaktileht">http://www.ttk.ee/et/kontaktileht</a>

## LETTER OF EXPLANATION FOR THE CURRICULUM OF MIDWIFE

Since the academic year 2020/2021 the following changes have been introduced to the Curriculum of Midwife:

1. New subjects were added to the curriculum:
  - 1.1. Derived from the idea proposed by Estonian Midwives Association, a new joint subject with Tartu Health Care College was added to the curriculum – “Basics of Midwifery and Professional Philosophy I and II” 4 ECTS, autumn semester of first year and autumn semester of 2nd year 2+2 ECTS.
  - 1.2. Based on College’s and Health Education Centre’s development, the module of curriculum basic subjects was complemented with an joint subject of the college “Health Care Technology and e-Health”, 2 ECTS.
  - 1.3. Based on aging population in Estonia and life-cycle-based approach, a subject “The Elderly and a Person with Special Needs” 2 ECTS.
  - 1.4. New practical training was introduced to the curriculum: “Practical training- Professional Development and Entrepreneurship” 8 ECTS with the aim to reinforce the integration of theory and practice and professional leadership skills to work as a midwife.
2. Following changes were introduced in the subjects:
  - 2.1. For comprehensive treatment of the profession’s subjects and to improve manual skills of the students before practical training in work environment, the volume of 7ÄA17/PrPSP “Practical training - Pathological Delivery”, “Puerperium and Neonatology” was increased from 17 ECTS to 20 ECTS and the subject 7ÄA17/PSP “Pathological Delivery and Puerperium” 6 ECTS was changed into “Pathological Delivery and Puerperium I” and “Pathological Delivery and Puerperium II”, with the volume 2+2 ECTS, division of the subject for two semesters allows deepened long-term study process with dividing the work load. Implementing integrated simulation studies overarching separate subjects resulted in changes in subject’s volume 7ÄA17/NN “Neonatology” from 4 ECTS to 3 ECTS.
  - 2.2. For comprehensive treatment of the profession’s subjects and to improve manual skills of the students before practical training in work environment, the volume of 7ÄK17/PrNR “Practical training - Normal Pregnancy”, “Normal Delivery and Normal Puerperium” was increased from 18 ECTS to 20 ECTS. Volume of the subject 7ÄA17/NS “Normal Delivery and Puerperium” was changed to 4 ECTS, volume of “Normal Pregnancy” subject was changed to 5 ECTS and 7ÄA17/TVL “Healthy Newborn and a Child” to 3 ECTS.
  - 2.3. “Healthy Woman’s and Man’s Reproductive Health” 4 ECTS was added to the curriculum replacing the subject “Healthy Human/Reproductive Health” 4 ECTS. There is a learning outcome of sexual health, which necessity derives from International Confederation of Midwives’ competence requirements from 2019, to solve issues concerning sexual health and sexuality, and WHO framework document about midwifery education Strengthening quality midwifery education for Universal Health Coverage 2030: Framework for action. In addition, the development plan of Midwifery 2019-2024 sets out the needs to provide the young as well as the adults sexual counselling by a midwife, e.g. within school healthcare services.

- 2.4. The objective and learning outcomes of the subject 7ÄA17/TSS “The Structure and Legislation of Health Care and Social System” was specified because there is a greater focus on patient safety and personal data protection in a new subject Health Care Technology and E-health.
- 2.5. Volume of the joint subject “Breastfeeding” 3 ECTS was increased to 5 ECTS based on the development of joint subject in collaboration with Metropolia University of Applied Sciences. The change allows to offer more e-learning in English to the foreign visiting students, too.
3. To harmonise objectives, outcomes and volume of the subjects in nursing care and specialised nursing care module with nursing curriculum for more effective planning of study process and clear distinction of nursing competences, the following changes were made:
  - 3.1. The title of “Nursing Care Module” was changed into “Clinical and Health Nursing Module”, and “Specialised Nursing Module” to “Mental and Health Nursing Module” and “Specialised Nursing” to “Mental Health and Intensive Nursing Module”. The change is derived from the list stated in the Regulation of the Ministry of Social Affairs from 2019 of [nursing specialities](#).
  - 3.2. Subject “Basics of Nursing” and “Nursing Process” 5 ECTS was aligned with subject 6ÖA17/ÖPPÖ “Nursing Process and Patient Education Foundations” 4 ECTS. Volume of the subject “Internal Nursing” was increased from 6 ECTS to 7 ECTS and learning outcomes were harmonised with nursing subject 6KÖ17/SH “Internal Nursing”, also with “Surgical Nursing” 5 ECTS 6KÖ17/KH.
  - 3.3. The volume of “Intensive Care Nursing” was increased, and its learning outcomes were harmonised with subject 6IO17/IO “Intensive Care Nursing”, based on students’ feedback. Due to changes in the volume of “Practical Training – Intensive Care Nursing” was decreased from 8 ECTS to 6 ECTS due to the implementation of simulation learning of emergency situations into theoretical studies, such as CPR, and options for practical training for midwives for a newborn intensive care.
  - 3.4. Volume of subject “Mental Health Nursing” was increased from 4 ECTS to 6 ECTS harmonising with nursing subject 6VTÖ17/VTÖ “Mental Health Nursing” the volume and learning outcomes, since according to midwife’s professional standard level 6, a midwife is competent to notice mental health issues trending in the society.
  - 3.5. Volume of 7ÖA17/PrKÖ2 “Practical Training- Clinical Nursing II” was increased to 12 ECTS.

The aim and the learning outcomes of the curriculum and the number of the modules have remained unchanged.

In the Curriculum of Midwife, the title of the curriculum has not been changed, conditions of commencement of the studies, the nominal duration and volume of the studies, language of instruction, specialization possibilities and the classification of the content of the curriculum (curriculum group) have not been changed.

## THE EXPECTED FIELD OF ACTIVITY OF THE GRADUATES

The diploma of professional higher education in midwifery grants the graduates the right to work as a midwife and general nurse in all fields of health care in Estonia and European Union. The competences are granted by the fulfillment of the directives of nurse and midwife in the European Union. New developments in health care services as human-centered, quality, safety, availability and the permission to provide midwifery services in primary level health care enable the graduates competitive professional work in Estonia and/or abroad.

Graduates have the possibility to continue their education in Master`s studies.

## BASES OF THE CURRICULUM AND ORGANIZATION OF PRACTICAL TRAINING

The Curriculum of Midwife meets the requirements established by the Higher Education Act, Standards of Higher Education, European Parliament and Council Directives 2005/36/EC, Midwife, level 6, Initial Higher Education level (2018), Global Standards for Midwifery Education (2013), Essential Competencies for Midwifery Practice`s (2019) and framework for Strengthening quality midwifery education for Universal Health Coverage 2030 (2019).

**Practical training** constitutes 111 ECTS of the curriculum. In cooperation with the Office of Academic Affairs of the College, practical training institutions are provided to all students all over Estonia. It is also possible to pass the practical training as part of Erasmus exchange program in partner educational institutions abroad. In applying for practical training institutions, the practical training goals, the possibility of meeting the outcomes of the practical training, possibilities of practical training institutions and students' previous feedback are taken into account. In the beginning of an academic year, all courses have practical training seminars. Students can choose the practical training institutions according to the number of places offered, goal of the practical training and learning outcomes, which are followed by registering themselves to the practical training.

Supervising the practical training is performed in e-environment Moodle, which contains detailed information on the volume of the practical training and the independent work. College's supervisor and practical training institution supervisor (mentor) are both responsible for supervising the student during the practical training. Mentor instructs and supports the student in achieving the learning outcomes and practical training goals. After the practical training, the mentor fills the feedback form on the student. College's supervisors analyse the student's achievement of practical training goals and learning outcomes during the practical training final seminar. Throughout their studies the students fill in their midwifery practice record book to prove requirements for practical skills set in directives of the European Parliament and Council 2005/36EÜ.

Main practical training institutions

<b>PRACTICAL TRAINING INSTITUTIONS</b>
Viljandi Hospital
Tallinn Children`s Hospital
Pärnu Hospital
Tallinn Health Care at School Foundation
Tallinn Emergency Medical Service – TEMS
West Tallinn Central Hospital
East-Tallinn Central Hospital
Kuressaare Hospital
East-Viru Central Hospital

## REQUIREMENTS SET FOR THE CURRICULUM QUALITY

1. The lecturers teaching on the Curriculum of Midwife are with higher education, possess at least 3 years of professional working experience and are active in the field of research and development also regulated in the framework requirements of medical training, veterinary training, pharmacists training, dentist training, midwives training, nursing training, architecture training and civil engineering training of a Decree of Republic of Estonia 25 October 2004, No 32, Statute of Tallinn Health Care College 19.04.2011.
2. The curriculum is in accordance with the development directions of the College deriving from the Development Plan and Statute of the College. The curriculum supports the achievement of the mission and goals of the College considering the needs of labour market and target groups.
3. The curriculum and conducting the studies is in accordance with the internal standards of quality and inner as well as international demands and agreements on quality.
4. The curriculum aims and learning outcomes are equal and comparable to the 1st level learning outcomes of higher education level and meet the requirements and developments of international legislative acts considering the acquisition and implementation of the skills and knowledge described in the Professional Standards for Midwife.
5. Graduates` knowledge and skills can be evaluated according to the subject aims and learning outcomes.
6. The title of the curriculum and its contents are in accordance. Teaching methods including the volume of independent work and practical training support the achievement of the curriculum aims.
7. Learning outcomes direct students into acquiring and implementing modern evidence-based work methods.
8. A uniform evaluation system is the basis of evaluation (uniform evaluation system in higher education with *cum laude* conditions 27.10.2009 No 71), which consists of:
  - 8.1. evaluating the achievement of learning outcomes;
  - 8.2. evaluation methods and criteria;
  - 8.3. evaluation scales;
  - 8.4. conditions of awarding *cum laude* diploma;
  - 8.5. taking into consideration the previous studies and work experience and converting the grades from other assessment systems.

Exact requirements of evaluation are determined in the Tallinn Health Care College Study Regulations and in every subject program.



## MODULES AND SUBJECTS OF THE CURRICULUM, AIMS AND LEARNING OUTCOMES

<b>Module title:</b> Midwifery Care		<b>Volume:</b> 63 ECTS
<b>Aim</b>	To acquire knowledge and skills in performing midwifery care considering the holistic approach to a human.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Follows the basics of midwifery, midwifery ethics and philosophy when performing midwifery care.</li> <li>2. Performs midwifery care in family planning, during pregnancy, during delivery, after the delivery and when observing the development of a newborn and a child.</li> <li>3. Implements theoretical knowledge following the requirements of EU directives on practical activities of a midwife.</li> </ol>	
<b>Evaluation of module:</b> subject-based method		
<b>Subjects</b>		
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÄA20/FA1	Midwifery Philosophy and Basics of the Profession I	2 ECTS
<b>Aim</b>	To acquire knowledge of the history of midwifery and of key terms.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows the history of midwife profession, development trends of national and international cooperation and their historical development.</li> <li>2. Knows the main terms and concept of midwifery profession.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÄA20/FA2	Midwifery Philosophy and Basics of the Profession II	2 ECTS
<b>Aim</b>	To acquire knowledge of midwifery philosophy and international cooperation, is able to link them with the role and responsibility of a midwife in the society.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows the key terms of midwifery profession, theoretical background, development trends and can analyse the links between them.</li> <li>2. Understands the role and responsibility of a midwife in a society and healthcare, knows midwifery philosophy and models, their activities are based on ethical principles.</li> <li>3. Understands individual and collective responsibility of midwives on developing the profession by empowering women and families to take responsibility for their health.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÄA20/PK	Family Planning and Contraception	3 ECTS
<b>Aim</b>	To acquire knowledge and skills on midwife's competences concerning family planning and contraception.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows the principles of modern family planning and contraception.</li> <li>2. Advises a patient or a couple during roleplays on the topic of family</li> </ol>	

	planning and contraception.	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÄA20/RR	Risk Pregnancy	5 ECTS
<b>Aim</b>	To acquire knowledge and skills to recognize risk pregnancy as well as to appoint necessary investigations, interpreting results and counselling patient and her family as a member of an interdisciplinary team.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Evaluates different pregnancy risks and high-risk pregnancy based on the anamnestic data.</li> <li>2. Describes abnormalities in pregnancy and action instructions depending on a situation taking into consideration the cultural and religious beliefs.</li> <li>3. Knows the principles of using medicines, the effect of narcotic substances and harmful social conditions on a pregnancy and foetus.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÄA20/PrRRN	Practical Training – Risk Pregnancy and Gynaecological Diseases	17 ECTS
<b>Aim</b>	To reinforce theoretical knowledge and skills of observing and instructing a woman with risk-pregnancy and gynaecological diseases as a member of an interdisciplinary team.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Participates in analysing risk pregnancy related cases.</li> <li>2. Implements different investigation and observation techniques of a risk pregnancy and a gynaecological patient, is able to act while interpreting the results.</li> <li>3. Practices and performs evidence-based and patient-centred midwifery care under the supervision of a practical training institution mentor in risk-pregnancy and gynaecological diseases.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÄA20/PSP1	Pathological Delivery and Puerperium I	2 ECTS
<b>Aim</b>	To acquire knowledge of abnormalities related to pathological childbirth and delivery and puerperium.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows the risk factors of prolonged pregnancy and principles of induction of labour.</li> <li>2. Knows the classification of slow and failure of progress in labour and principles of stimulating the labour by highlighting the methods and pharmacokinetical principles of medications.</li> <li>3. Describes the management of a breech birth, in the presence of uterine scar and of multiple pregnancy.</li> <li>4. Knows etiology and management of malpositions and malpresentations in labour (vertex and horizontal e.g.).</li> <li>5. Knows the risk factors and management of antepartum haemorrhage and primary and secondary postpartum obstetric haemorrhage, incl. medications used.</li> <li>6. Knows the management of retained placenta, inverted uterus and uterine rupture.</li> </ol>	

	<p>7. Knows indications and complications for Caesarean section, ventouse and forceps assisted birth.</p> <p>8. Knows the classification of perineal trauma and risk factors and management of third and fourth degree tears and cervical lacerations.</p> <p>9. Knows post-partum infections incl. sepsis's risk factors, etiology, signs and symptoms, tests and treatment in an interdisciplinary team.</p>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÄA20/PSP2	Pathological Delivery and Puerperium II	2 ECTS
<b>Aim</b>	To acquire knowledge, skills and attitudes of abnormalities referring to pathological delivery, post-partum period and lactation.	
<b>Learning outcome</b>	<p>1. Justifies midwifery care (incl. culture sensitive) during delivery and/or post-partum period based on pathology in an interdisciplinary team.</p> <p>2. Identifies emergency situations in midwifery care and by explaining first aid given by a midwife and pharmacokinetics of the medicines used and informing the woman in labour, counselling and recording their activities.</p> <p>3. Explains fetal monitoring and interpretation of CTG and STAN monitoring results.</p> <p>4. Describes midwifery in case of preterm birth and chorioamnionitis.</p> <p>5. Evaluates delivery process and explains midwifery in case of a slow progress of labour, incl. methodology of intravenous infusion of oxytocin.</p> <p>6. Knows management of stillbirth, supporting the family and midwife in a team.</p> <p>7. Knows the labour process in case of fetal malpresentations and malpositions (anomalies of fetal head lies (high longitudinal lie, deep transverse arrest)).</p> <p>8. Knows physical preparation of the woman in labour for the obstetric surgeries.</p> <p>9. Knows midwifery care stills in an intensive care room, incl. post-operative care in case of Caesarean-section, and how to prevent thromboembolism.</p> <p>10. Knows conditions causing lactation problems, management and a process-based evaluation of the patient and the family.</p>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÄA20/NN	Neonatology	3 ECTS
<b>Aim</b>	To acquire knowledge, skills and attitudes for performing midwifery care on a newborn.	
<b>Learning outcome</b>	<p>1. Knows the most common pathologies of a newborn.</p> <p>2. Knows the evaluation and adjustment specificity of a premature and sick newborn.</p> <p>3. Describes different observation methods of a newborn and reasons relevant care accompanying parents.</p> <p>4. Knows the main assessment and treatment methods and pharmacokinetic principles of the newborn, interprets the results in an interdisciplinary team.</p> <p>5. Explains giving first aid on a newborn and demonstrates the use of first aid techniques.</p>	

<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÄA20/PrPSP	Practical Training – Pathological Delivery, Puerperium ja Neonatology	20 ECTS
<b>Aim</b>	To reinforce the knowledge, skills and attitudes acquired in theory on a pathological delivery, puerperium and on observing and evaluating the condition of a newborn.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Demonstrates biomechanisms of breech position fetus and delivery process in this case, incl. the manoeuvre to release breech nuchal arms.</li> <li>2. Demonstrates midwifery care in case of fetal shoulder dystocia, episiotomy, manual removal of placenta.</li> <li>3. Demonstrates amniotomy procedure and placing the scalp electrode, taking pH test and management of umbilical cord and fetal arms or legs prolapse.</li> <li>4. Demonstrates support of transition of neonates and resuscitation.</li> <li>5. Classifies injuries of birth canals and presents revision and restoring the integrity.</li> <li>6. Implements different assessment and observation techniques on delivery pathologies and is able to act while interpreting the results.</li> <li>7. Knows how to examine a newborn, connect abnormalities based on modern investigation and observation methods, performs midwifery care on a newborn.</li> <li>8. Practices and performs evidence-based and patient-centred midwifery care under the supervision of a mentor in case of delivery pathologies.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÄA20/TVL	Healthy Newborn and a Child	3 ECTS
<b>Aim</b>	To acquire knowledge on a development of a newborn and a child and the factors affecting it, to acquire skills to implement the knowledge during the midwifery care.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows the particular features of a newborn adjustment period and is able to evaluate them.</li> <li>2. Knows the anatomical-physiological characteristics of a child's development and is able to evaluate them.</li> <li>3. Describes clinical health promotion principles directed at a child and his/her family.</li> <li>4. Explains the examination and care principles of a newborn and a baby.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÄA20/NSP	Normal Delivery and Puerperium	4 ECTS
<b>Aim</b>	To acquire knowledge and skills for a physiological delivery, puerperium and breastfeeding.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Describes the criteria of physiological delivery, periods, terms and psychological well-being of a woman in labour; action mechanisms of labour pain and different possibilities of relieving labour pains.</li> <li>2. Describes the physiology of early post-partum period, skin to skin contact and the importance of early breastfeeding.</li> <li>3. Explains midwifery activities and recording during normal delivery.</li> </ol>	

<b>Module title:</b> Community Midwifery		<b>Volume:</b> 65 ECTS
<b>Aim</b>	To acquire knowledge and skills in performing midwifery care in the community considering the needs of a single individual and family.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Is familiar with the primary level health care system and is able to implement the midwifery principles according to the target group.</li> <li>2. Understands and is able to connect the activities of a midwife with art, science, entrepreneurship and leadership.</li> </ol>	
<b>Evaluation of module:</b> subject-based method		
<b>Subjects</b>		
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7KÄ20/NH	Gynaecological Diseases	4 ECTS
<b>Aim</b>	To acquire skills in performing midwifery care in case of gynaecological problems considering the midwife's competences.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows the classification of most common gynaecological diseases, including the classification of oncological and sexually transmitted infections, signs and symptoms, investigation methods, possibilities of treatment and prevention.</li> <li>2. Knows the signs of spontaneous abortion, its diagnostics, treatment and possibilities of prevention.</li> <li>3. Describes midwifery on prevention of cervical cancer and breast cancer.</li> <li>4. Explains the methods of terminating pregnancy based on legislation, pre-abortion counselling and post-abortion self-care.</li> <li>5. Explains aspects of infertility and aspects related to infertility treatment and legislation.</li> <li>6. Knows the organisation of emergency triage of women´s clinic and helping a victim of sexual violence.</li> <li>7. Explains changes involved with menopause and principles of hormonal treatment.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7KÄ20/KTÄ	Art and Science in Midwifery	3 ECTS
<b>Aim</b>	To develop creativity and acquire critical thinking skills through the treatment of science and art.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Understands the bases of conscious activities performed by a midwife and deriving from a midwifery model based on midwifery philosophy, is able to discuss on the beforementioned notions.</li> <li>2. Connects the woman in art to the midwifery philosophy.</li> <li>3. Connects the practical activity of midwives to research and science.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7KÄ20/TSR	Healthy Woman´s and Man´s Reproductive Health	4 ECTS

<b>Aim</b>	To acquire knowledge and skills about sexual and reproductive health of a man and a woman.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Describes influential factors on sexual and reproductive health and principles of safe sexual behaviour.</li> <li>2. Knows the anatomy of pelvic area bones and muscles and reproductive organs of women and men and functions of these organs.</li> <li>3. Knows physiological processes of human reproduction, incl. ovogenesis, spermatogenesis, menstruation cycle and factors influencing them.</li> <li>4. Explains methodology of gynecological examination and common test methods on a healthy woman.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7KÄ20/EEI	The Elderly and a Person with Special Needs	2 ECTS
<b>Aim</b>	To acquire knowledge of coping strategies of the elderly and a person with special needs.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Describes the changes in the human organism due to aging and its effect on independent life.</li> <li>2. Describes the different forms of special needs and their effect on person's independent functioning and possibilities of finding necessary help.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÄK20/NR	Normal Pregnancy	5 ECTS
<b>Aim</b>	To acquire knowledge and skills to perform midwifery care in normal pregnancy.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Describes conception and the development process of a fertilised egg, incl. development of embryonic membrane.</li> <li>2. Knows the structure of placenta, amniotic fluid, umbilical cord and the endocrine role of placenta.</li> <li>3. Explains the human pre-birth development and factors affecting it.</li> <li>4. Describes physiological changes during pregnancy.</li> <li>5. Describes methods to identify pregnancy and its level and determining the due date.</li> <li>6. Explains the examination of the pregnant, incl. measuring fundal height, palpating abdomen by Leopold's maneuvers and auscultation of fetal heartbeats.</li> <li>7. Chooses appropriate midwifery care to monitor normal pregnancy according to the regulations.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7KÄ20/PrNR	Practical Training – Normal Pregnancy, Normal Delivery and Normal Puerperium	20 ECTS
<b>Aim</b>	To reinforce the knowledge, attitudes and skills acquired in theory in observing healthy delivery, post-partum period and healthy newborn.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Solves cases of normal pregnancy, normal delivery, puerperium and healthy newborn and participates in discussions.</li> </ol>	

	<ol style="list-style-type: none"> <li>2. Demonstrates examination of the pregnant, incl. measuring the fundal height, palpation of the abdomen by Leopold's maneuvers and auscultation of fetal heartbeats and explains the interpretation of the results.</li> <li>3. Demonstrates mechanism of labour with fetus in left occiput anterior and right occiput anterior position and in occiput posterior position.</li> <li>4. Demonstrates examination of a woman in labour incl. vaginal examination, and determination of fetal head position and the descent.</li> <li>5. Demonstrates managing vaginal birth and techniques to protect perineum.</li> <li>6. Implements different methods in monitoring normal pregnancy, labour and childbirth and post-partum period derived from evidence-based and legal guidelines.</li> <li>7. Implements family-centred midwifery in caring for a healthy newborn.</li> <li>8. Performs evidence-based and patient-centred midwifery care under the supervision of a practical training institution mentor in normal pregnancy, delivery and post-partum period.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7KÄ20/ET	Primary Level Health Care	4 ECTS
<b>Aim</b>	To create readiness for performing midwifery/nursing care in primary level health care in cooperation with the specialists from other fields.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Understands the terms and regulation legislation of primary level health care.</li> <li>2. Describes the assessment methods used in primary level health care and is able to prepare patient/client for it.</li> <li>3. Determines, provides and evaluates the midwifery/nursing care in the community according to the needs of an individual and a family.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7KÄ20/PrET	Practical Training – Primary Level Health Care	10 ECTS
<b>Aim</b>	To reinforce in work environment the knowledge on the organization of primary level health care acquired in theory.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Determines the need(s) and performs midwifery and nursing care resulting from the patient's needs and midwife's competences.</li> <li>2. Plans and performs midwifery care to a pregnant woman and to a woman in post-partum period.</li> <li>3. Observes the child's development and prepares and conducts health promotion in different forms.</li> <li>4. Conducts health education on an individual and community level, incl. in case of physiological changes during menopause.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7KÄ20/BF	Breastfeeding	5 ECTS
<b>Aim</b>	Acquire the knowledge and skills of mother - child bonding, feeding methods and breastfeeding.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Describes the benefits from neonatal early breastfeeding, the importance of breastfeeding for a mother and her child, and breastfeeding related to</li> </ol>	

	mother`s nutrition principles. 2. Describes the correct suction technique of a newborn baby and demonstrates the correct breastfeeding positions applying the principles of teaching and counselling. 3. Describes breastfeeding problems and teaches women how to cope with breastfeeding problems and with a child with special needs. 4. Describes the principles for starting age-appropriate complementary feeding.	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7KÄ20/PrEKA	Practical Training – Professional Development and Entrepreneurship	8 ECTS
<b>Aim</b>	To reinforce the integration of professional knowledge and skills with leadership skills to work as a midwife.	
<b>Learning outcome</b>	1. Evaluates leadership skills necessary for working in their profession. 2. Implements teaching- and management-related knowledge in different events connected to midwifery. 3. Implements the principles of teamwork in his/her professional work on an individual and community level cooperating with health care professionals of different levels.	



<b>Module title:</b> Clinical and Health Nursing		<b>Volume:</b> 45 ECTS
<b>Aim</b>	To create readiness for performing process-based clinical and health nursing care in cooperation with specialists of other professions.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Determines the nursing care needs of a patient, nursing problems, nursing diagnosis and activities based on the principles of ethics and evidence-based sources.</li> <li>2. Implements patient-centred teaching methods to perform nursing care.</li> <li>3. Knows the investigation methods used in the field of nursing and is able to prepare patients for them.</li> <li>4. Analyses the limits of responsibility of the nursing profession and critically evaluates his/her activity.</li> </ol>	
<b>Evaluation of module:</b> subject-based method		
<b>Subjects</b>		
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
6ÃA17/ÃPPÃ	Nursing Process and Patient Education Foundations	4 ECTS
<b>Aim</b>	To form the skills on nursing care documentation and planning patient education.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Is familiar with the models of assessing health condition of a patient and NNN taxonomy.</li> <li>2. Is able to evaluate patient's health condition.</li> <li>3. Using NNN taxonomy, is able to determine nursing diagnoses, plan evidence-based nursing interventions and patient education.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
6KÃ17/SH	Internal Patient Nursing	7 ECTS
<b>Aim</b>	To create possibilities to acquire knowledge, skills and attitudes needed to provide nursing care to a patient with internal diseases.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows the classification, etiology, pathogenesis, clinical picture and investigation methods of internal diseases.</li> <li>2. Knows the treatment and prevention principles of internal diseases.</li> <li>3. Is able to implement process-based patient/client-centred nursing care, based on NNN taxonomy and including the representatives from other professions.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÃA20/ÃT	Nursing Activities	2 ECTS
<b>Aim</b>	To acquire theoretical knowledge on performing nursing activities.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows the aims of various nursing activities, the method or performing, effect on patient's management with daily activities and possible complications resulting from investigations.</li> <li>2. Knows necessary equipment needed for specific activity, principles of usage and safety requirements.</li> </ol>	

	3. Plans process-based nursing activity resulting from human-centredness and answers relevant questions.	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
6KÕ17/KH	Surgical Patient Nursing	5 ECTS
<b>Aim</b>	To create possibilities to acquire knowledge, skills and attitudes needed to provide nursing care to a patient with surgical diseases.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows the classification, etiology, pathogenesis, clinical picture and investigation methods of surgical diseases.</li> <li>2. Knows the treatment and prevention principles of surgical diseases.</li> <li>3. Is able to implement process-based patient/client-centred independent nursing care, based on NNN taxonomy while including the representatives of other professions.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÕA17/PrKÕ1	Practical Training – Clinical Nursing I	12 ECTS
<b>Aim</b>	To implement nursing activities and nursing documentation in clinical environment based on nursing process and patient-centred nursing.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Values health and person as a whole, not depending from person's age, social and cultural origin, sexual orientation and family/individual attitudes.</li> <li>2. Demonstrates the performing of activities using ergonomic techniques, following the rules of a - and antiseptics and documents his/her activities as required.</li> <li>3. Implements the acquired nursing activities in work environment under the supervision of a practical training institution mentor.</li> <li>4. Implements the principles of waste disposal according to the specifics of a department.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÕA20/PRKÕ2	Practical Training – Clinical Nursing II	12 ECTS
<b>Aim</b>	To implement in practice the knowledge and skills acquired theoretically, developing his/her manual and communication skills.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Performs activities under the supervision of a mentor of a clinical nursing II practical training, integrating theory and practice.</li> <li>2. Performs clinical nursing activities and is able to use evidence-based sources to explain the necessity of a current procedure.</li> <li>3. Implements nursing theory, while determining, planning, performing and evaluating patient/client needs for nursing care.</li> <li>4. Determines the limits of responsibility of a nurse and critically evaluates his/her activities.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7ÕA20/LÕ	Children's Nursing	3 ECTS

<b>Aim</b>	To acquire readiness to investigate the health needs of a child and a family based on evidence-based sources and critical thinking.
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows the course of common diseases in childhood and speciality of administering medicines, the specificity of effects and side effects on children.</li> <li>2. Is able to provide process-based patient/client-centered nursing activities to a child and their family, based on NNN-taxonomy, nursing activities and treatment guides.</li> <li>3. In simulation environment, implements critical thinking in performing family-centred nursing care based on the principles of teamwork.</li> </ol>

<b>Module title:</b> Mental Health and Intensive Care Nursing		<b>Volume:</b> 29 ECTS
<b>Aim</b>	To create readiness for process-based performance of mental health and intensive care nursing in cooperation with the specialists of other professions.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Determines the patient and client needs for specialty nursing care, nursing problems, nursing diagnoses, nursing activities based on the principles of ethics and evidence-based sources.</li> <li>2. Implements patient-centred teaching techniques to perform specialty nursing care.</li> <li>3. Knows the investigation methods used in specialty nursing fields and knows how to prepare patients for them.</li> <li>4. Values the principles of teamwork cooperating with the representatives of different fields and professions.</li> <li>5. Analyses the limits of responsibility of a nurse's profession and critically evaluates his/her activities.</li> </ol>	
<b>Evaluation of module:</b> subject-based method		
<b>Subjects</b>		
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
6IÖ17/IÖ	Intensive Care Nursing	6 ECTS
<b>Aim</b>	To create readiness to provide nursing care to a patient needing intensive and emergency care and to his/her family.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows the general principles of intensive care nursing.</li> <li>2. Is able to implement process-based patient/client-centred nursing care on a patient in critical condition and to his/her family based on NNN taxonomy and valid guidelines.</li> <li>3. Is able to perform intensive care nursing activities.</li> <li>4. Knows the main groups of medicines used in intensive care and describes their effect.</li> <li>5. Implements critical thinking in simulation environment when performing independent nursing care activities, based on the principles of teamwork.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7EO13SKM	War and Disaster Medicine	2 ECTS
<b>Aim</b>	To develop readiness for providing and organizing assistance in case of a major accident, a disaster and a military conflict.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Has general knowledge of military medical service structure during peace and war.</li> <li>2. Is cognizant of the priorities for assistance of victims and nursing needs, principles and methodology for carrying out triage based on the victims' individual needs.</li> <li>3. Has knowledge of the methodology of liquidation of major accidents.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>

7VIÖ20/PrIÖ	Practical Training – Intensive Care Nursing	6 ECTS
<b>Aim</b>	To reinforce in work environment the knowledge acquired during theoretical studies on intensive care nursing while developing manual skills and professional attitudes.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Practices under the supervision of a mentor, integrating theory into practice.</li> <li>2. Prepares a patient for investigations according to the specifics of the investigation.</li> <li>3. Performs intensive care nursing activities and explains the need for a current procedure.</li> <li>4. Engages in intensive care related health education to patient and his/her family.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
6VTÖ17/VTÖ	Mental Health Nursing	6 ECTS
<b>Aim</b>	To provide knowledge and skills on the nature of mental health and psychiatric nursing care in hospital and in the community.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows the psychosocial risk factors affecting mental health, principles of psychotherapy and nurse's role in the team as well as responsibility performing mental health nursing activities.</li> <li>2. Knows the main psycho-behavioural disorders, their main causes and principles of treatment.</li> <li>3. Is able to implement process-based patient/client-centred nursing care to a mental health patient and to his/her family based on NNN taxonomy.</li> <li>4. Has an overview of legislation regulating the field of mental health.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7VIÖ20/PrVTÖ	Practical Training – Mental Health Nursing	6 ECTS
<b>Aim</b>	To reinforce in work environment's practical situations the knowledge acquired in theoretical studies on mental health nursing and basics of psychotherapeutical communication.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Solves pregnancy crisis cases in simulation by analysing changes in mental health and coping problems linked to reproductive health incl. post-partum period.</li> <li>2. Builds trust in a relationship with a patient.</li> <li>3. Observes and evaluates the health condition of a patient receiving psychopharmacological treatment.</li> <li>4. Applies evidence-based knowledge on teaching the patient and his/her family.</li> <li>5. Finds evidence-based solutions to different cases tackling the mental health problems and is able to implement suitable techniques of psychotherapeutic communication.</li> <li>6. Evaluates his/her practical activity based on G. Gibbs's model.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7IO13KP	Clinical Psychology	3 ECTS

<b>Aim</b>	To acquire knowledge on risk factors affecting people's mental health and the principles of psychotherapy, to create readiness for implementing the techniques of psychotherapeutic communication techniques.
<b>Learning outcome</b>	<ol style="list-style-type: none"><li>1. Knows different psychosocial and clinical risk factors affecting person's mental health and is able to find evidence-based solutions.</li><li>2. Has an overview of psychological explanations on psychological and behavioural disorders, investigation methods and intervention possibilities.</li><li>3. Knows the basics of various types of psychotherapy and techniques of therapeutic communication as well as nurse's and midwife's role in applying the techniques in practice.</li></ol>

<b>Module title:</b> Basic Studies		<b>Volume:</b> 43 ECTS
<b>Aim</b>	To acquire general knowledge on human anatomy, physiology, pathological processes, pharmacology, and skills to be able to implement them and connect to other professional subjects.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows the structure and function of a healthy and sick human organism.</li> <li>2. Has an overview of general and clinical pharmacology and knows how to write prescriptions.</li> <li>3. Knows how to follow work safety regulations in case of fire alarm and how to give first aid.</li> <li>4. Knows the psychological processes of a human in different stages of lifespan, the affecting factors and nature and causes of individual social behaviour.</li> <li>5. Knows the content of service process, is able to counsel patients/clients and implements various communication techniques and teamwork principles.</li> <li>6. Understands the policy of public health, is familiar with the legislation of health care and social system, personal data protection and the basics of management and entrepreneurship.</li> <li>7. Knows the study regulations and support systems of Tallinn Health Care College.</li> </ol>	
<b>Evaluation of module:</b> subject-based method		
<b>Subjects</b>		
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
AnF17	Anatomy and Physiology	6 ECTS
<b>Aim</b>	To acquire basic knowledge in anatomy and physiology.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Uses appropriate anatomy and physiology related terminology.</li> <li>2. Knows and is able to explain the structure of the human body and the mechanisms regulating its functioning and development.</li> <li>3. Knows the shape, structure and location of organs in human body by body systems.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
HaOp17	Pathology	5 ECTS
<b>Aim</b>	To acquire foundation knowledge about causes and onset of diseases, signs and disease-related changes in the human body.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Knows fundamental processes and concepts of general pathology.</li> <li>2. Knows etiopathogenesis and pathogenesis of most prevalent diseases, and ways to prevent the diseases treating each organ system separately.</li> <li>3. Has basic knowledge about microbiology and function of the immune system, most common micro-organisms and diseases caused by them affecting human functioning.</li> <li>4. Knows genetic bases and understands the nature of heredity and mutability, has foundation knowledge about more common chromosomal and genetic diseases, and possibilities to apply genetics in medicine.</li> </ol>	

<b>Code</b>	<b>Subject</b>	<b>Volume</b>
TO17	Occupational Safety	3 ECTS
<b>Aim</b>	To acquire first aid skills, ability to act safely in the work environment and in case of fire hazard.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Knows the principles of quality and risk management in health care organization.</li> <li>2. Is able to assess risk factors in the work environment and develop a risk analysis.</li> <li>3. Knows, how to use ergonomic job methods and promote health at workplace.</li> <li>4. Is able to give first aid without any medical devices.</li> <li>5. Is able to act in case of fire hazard.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
UF17	General Pharmacology	2 ECTS
<b>Aim</b>	To acquire knowledge about concepts of general pharmacology, groups and different forms of medications, and routes of administration.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Knows concepts of general pharmacology and can use them.</li> <li>2. Describes effects of the medication groups on a human body and factors influencing them.</li> <li>3. Names different forms and routes of administration of medications, and dependence of a form or route of administration on the effect of medication.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7AA20/KF1	Clinical Pharmacology I	4 ECTS
<b>Aim</b>	To acquire knowledge in basic medicinal groups used in midwifery, internal diseases and surgery, usage of medicines and related midwifery and nursing activities.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows the most used medicines in midwifery, internal diseases and surgery, their pharmacokinetics, indications, contraindications, interactions and side effects.</li> <li>2. Connects pharmacotherapy to midwifery and nursing process.</li> <li>3. Describes general principles of performing clinical drug trials.</li> <li>4. Is able to use pharmacology-related handbooks, reference books and Internet sources.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7AA20/KF2	Clinical Pharmacology II	3 ECTS
<b>Aim</b>	To acquire knowledge in most common drug groups used in risk pregnancy, psychiatry, gynaecological and paediatric diseases, on usage of medicines and connected midwifery and nursing activities.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows the medicines used in risk pregnancy, psychiatry, gynaecological and paediatric diseases, their pharmacokinetics, pharmacodynamics, indications, contraindications, interactions and side effects.</li> <li>2. Describes evidence-based treatment options and knows how to use midwifery related guidelines.</li> </ol>	



	3. Is able to use evidence-based reference books and handbooks and Internet sources on pharmacology .	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7AA20/RÕ1	Prescription Studies	2 ECTS
<b>Aim</b>	To acquire knowledge on writing prescription according to the legislation regulated by the Government of Estonia, having basic knowledge of general and clinical pharmacology and other pre-requisite subjects.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows midwife's rights and obligations in prescribing based on legislation.</li> <li>2. Describes the principles of patient counselling associated with using the medicines.</li> <li>3. Is able to independently prescribe according to the current regime and resulting from a guideline of medicines to midwife; to counsel patients about the use of medicines.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
TTE20	Health Care Technology and e-Health	2 ECTS
<b>Aim</b>	To develop knowledge about electronic health information systems and the principles of technologies used in healthcare.	
<b>Learning outcome</b>	<ol style="list-style-type: none"> <li>1. Knows and uses health care technology terminology and the developed e-solutions, understands the importance of data transfer.</li> <li>2. Has an overview of health telematics implication possibilities.</li> <li>3. Understands data protection requirements and the importance of cyber security requirements.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
RaTer17	Public Health	2 ECTS
<b>Aim</b>	To form knowledge about theoretical foundations and functions of public health, public health policy principles, and give an overview of the situation and organizational arrangement of public health in Estonia.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Understands the nature of public health field, tasks, public health policy principles, and is able to interact health factors having effect on an individual and the community.</li> <li>2. Knows most common health problems of population in Estonia and activities within the frames of the National Health Development Plan to prevent diseases and promote health.</li> <li>3. Has an overview of the organizational arrangement of public health in Estonia and creates connections between activities of different institutional sectors and levels.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
PSU17	Psychology	3 ECTS
<b>Aim</b>	To acquire knowledge of psychology and provide readiness for understanding the needs of a patient/client.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Has knowledge about concepts of psychology (including developmental, personality and social psychology) and main approaches.</li> <li>2. Understands the nature and causes of an individual's development and</li> </ol>	

	social behaviour. 3. Is able to apply different communication techniques and knows teamwork principles.	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7AA20/TSS	Structure of Health Care and Social System and Legislation	2 ECTS
<b>Aim</b>	To acquire an overview of the most important legislative acts regulating health care and social system, of health care and social sector institutions and their responsibilities, and of the services provided by midwives.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Knows the structure of Estonian social system and health care system, incl. institutions of health care and social sector and their assignments in health care management.</li> <li>2. Knows the organisation of funding, quality and supervision of Estonian health care system.</li> <li>3. Names the health care services provided by a midwife.</li> <li>4. Analyses the role of a midwife that ensures the patient safety and secures safe treatment environment.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
KL17	Client Service	3 ECTS
<b>Aim</b>	To acquire knowledge about client service foundations and provide readiness for understanding and fulfilling clients` needs in service process.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Knows foundations and ethical aspects of client service.</li> <li>2. Knows the nature of service process and can participate properly in this.</li> <li>3. Knows types of products/service and is able to plan and carry out (sales) conversation.</li> <li>4. Uses appropriate communication techniques in client service.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
JuEt17	Management and Entrepreneurship	4 ECTS
<b>Aim</b>	To create possibilities for developing basic skills related to organization management and starting enterprise.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Can describe an organization and its management process, including personnel management, and associate them with his/her specialty.</li> <li>2. Knows different forms of enterprise and principles for choosing them.</li> <li>3. Chooses and analyses a business idea, can develop a business plan, and plan and carry out projects.</li> <li>4. Has elementary knowledge about foundations of tax system and accountancy and can apply to financial institutions or funds for getting financing.</li> <li>5. Knows principles of product and service development, and marketing.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
SO17	Introduction to Learning	2 ECTS
<b>Aim</b>	To create possibilities for managing successfully in study process in Tallinn Health Care College.	

<b>Learning outcomes</b>	<ol style="list-style-type: none"><li>1. Has an overview of Estonian higher education system and possibilities for international cooperation.</li><li>2. Knows organization of studies and practical training, and study counselling system in Tallinn Health Care College.</li><li>3. Is able to compose and execute letters and study documents.</li><li>4. Knows foundations of studies, teamwork, stress and time management, and career planning.</li></ol>
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<b>Module title</b> Research Methodology		<b>Volume:</b> 20 ECTS
<b>Aim</b>	To create possibilities and support for conducting research and developing academic writing skills.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Can find and use reliable evidence-based scientific sources for the professional research.</li> <li>2. Can analyse and report information found from different sources.</li> <li>3. Knows foundations of statistics, can methodically collect data and analyse them properly.</li> <li>4. Knows ethics in research and can follow this.</li> <li>5. Can set professional problems, and based on the research, give recommendations for solving them.</li> </ol>	
<b>Evaluation of module:</b> subject-based method		
<b>Subjects</b>		
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
UTM1-17	Foundations of Research I	5 ECTS
<b>Aim</b>	To create readiness for collecting and analysing evidence-based information.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Can apply principles of systematic literature search and record search results.</li> <li>2. Can independently use scientific data bases and analyse relevant evidence-based materials.</li> <li>3. Can report professional scientific literature in English and Estonian.</li> <li>4. Knows foundations of statistics and is able to find and interpret statistics.</li> <li>5. Can compose and form independent works, and uses scientific language.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
UTM2-17	Foundations of Research II	5 ECTS
<b>Aim</b>	To create skills for conducting research.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Understands concepts and principles of scientific research and differences between types of research.</li> <li>2. Knows different research methods, and planning the research, can choose the most suitable method for collecting and analysing data.</li> <li>3. Can collect or find statistical data and relevant evidence-based sources, analyse, report and refer properly them in his/her paper.</li> <li>4. Understands principles of ethics in science and medicine, is able to pay attention to ethical aspects, when composing his/her research.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
LP1-17	Graduation Thesis I	5 ECTS
<b>Aim</b>	To acquire skills for using his/her professional knowledge to search independently and analyse critically a particular problem or situation in	

	practice.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Is able to independently plan and carry out a research, and present properly its results.</li> <li>2. Can pay attention to professional problems and research focuses.</li> <li>3. Is able to give research-based recommendations for solving professional problems.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
LP2-17	Graduation Thesis II	5 ECTS
<b>Aim</b>	To show a student`s ability to apply his/her knowledge and practical skills, developed across the curriculum, to carry out a research, using different research methods.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Understands research ethics and principles of reliability, and considers them when carrying out the research.</li> <li>2. Is able to go through and analyse scientific literature associated with a research problem.</li> <li>3. Knows the way of data collection and method of analysis used in the research.</li> <li>4. Can explain research results and importance of them in specialty.</li> <li>5. Is able to analyse critically and defend his/her viewpoints presented in the research, and discuss the searched topic.</li> </ol>	
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
LE17	Final Examination	5 ECTS
<b>Aim</b>	To show a student`s ability to integrate his/her professional knowledge and skills, and readiness for starting professional field job.	
<b>Learning outcomes</b>	<ol style="list-style-type: none"> <li>1. Has a systematic overview of the profession and its competencies.</li> <li>2. Has knowledge, skills and readiness for starting professional field job.</li> <li>3. Can connect professional theory with practice and use the knowledge without causing harm to a patient/client interest.</li> </ol>	

<b>Module title:</b> Elective Subjects		<b>Volume:</b> 5 ECTS
<b>Evaluation of module:</b> subject-based method		
<b>Code</b>	<b>Subject title</b>	<b>Volume</b>
7VA18/PrEPD	Practical Training – Early Postpartum Discharge ( <i>Praktika – Varajane kojukirjutamine</i> )	5 ECTS
7VA17/PrPP	Project-Based Practical Training	5 ECTS
7VA17/KTT	Art and Science in Healthcare ( <i>Kunst ja teadus tervishoius</i> )	5 EAP
VAIC14	Intercultural Communication	4 EAP
VALSV16	Domestic Violence and Case Solving	4 EAP