



International Degree Programme in Midwifery B.Sc.

Module Guide

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Module 1.1: Foundations in midwifery			
Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in Semester 1	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 dates in winter semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			
Learning outcomes:			
<p>Knowledge and understanding (broadening, deepening and understanding knowledge)</p> <ul style="list-style-type: none"> ▪ <i>Students know the scientific basics</i> ▪ <i>Students know selected quantitative and qualitative research methods</i> ▪ <i>Students interpret research results according to criteria</i> ▪ <i>Students can distinguish between the most important research study designs</i> <p>Use, application and generation of knowledge (exploitation and transfer, scientific innovation)</p> <ul style="list-style-type: none"> ▪ <i>Students are practiced in the basics of literature and source research</i> ▪ <i>Students use digital skills to gain knowledge</i> ▪ <i>Students design problem-solving processes with the help of new technologies</i> ▪ <i>Students generate their own questions</i> ▪ <i>Students can present and discuss methodologically</i> <p>Communication and cooperation</p> <ul style="list-style-type: none"> ▪ <i>Students use German and English scientific language</i> ▪ <i>Students discuss approaches to midwifery science, women's health research and selected related sciences</i> <p>Scientific self-image or professionalism</p> <ul style="list-style-type: none"> ▪ <i>Students can incorporate approaches from different research fields into their questions</i> ▪ <i>Students can define what high-quality midwifery practice entails</i> ▪ <i>Students solve problems by means of evidence-based research</i> 			
Teaching content:			
1.1.1: Introduction to scientific work			
<ul style="list-style-type: none"> ▪ Introduction to scientific work ▪ Foundations in academic writing ▪ Database research, differentiation between quality of sources ▪ Application of current technologies for the preparation of scientific papers ▪ Scientific lecturing, presentation and discussion ▪ Selected qualitative and quantitative research methods 			
1.1.2: Introduction to scientific midwifery			
<ul style="list-style-type: none"> ▪ Introduction to midwifery ▪ Introduction to women's health research: core concepts and theories related to midwifery science ▪ Database and source research on evidence-based midwifery ▪ English as a language of science ▪ Professional societies and associations and their role in the research process 			
Language of instruction:	German, partly also in English		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
1.1.1: Introduction to scientific work	N.N.	2	Seminar	Course work and portfolio or term paper (ungraded)
1.1.2: Introduction to scientific midwifery	N.N.	2	Seminar	
1.1.3 Module-related exercise	N.N.	1	Guided independent learning	

Module 1.2: Understanding female anatomy and physiology

Module supervisor:	Prof. in Dr. Barbara Baumgärtner			
ECTS credits:	6 ECTS	Total workload:	180h	
Module type in this programme	Compulsory module in Semester 1	Of which in-person attendance:	56h	
Duration and frequency of the offer:	14 dates in winter semester	Of which guided independent learning:	124h	
Also applicable for following degree programmes / offers of further education:				
<p>Learning outcomes:</p> <p>1.2.1: Basics of anatomy and physiology</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ use medical nomenclature and describe the structure and interactions of the female body ▪ communicate with other medical professionals in technical language ▪ reproduce basic endocrinological, morphological, cellular and functional mechanisms of healthy humans ▪ recognise connections between different states of the female body and its needs <p>1.2.2: Pathophysiology of the female body, focus on reproduction</p> <ul style="list-style-type: none"> ▪ reflect on the endocrinology of the female cycle, fertilization, development and maturation of pregnancy ▪ recognise typical changes of the female body during pregnancy ▪ diagnose and evaluate deviations from physiological gravidity ▪ classify irregularities and intervene preventively on the basis of their biomedical knowledge ▪ distinguish physiological from pathological conditions 				
<p>Teaching content:</p> <p>1.2.1: Basics of anatomy and physiology</p> <ul style="list-style-type: none"> ▪ Medical terminology as scientific language for midwives ▪ Anatomy and physiology of the female body ▪ Features of the pregnant body <p>1.2.2: Pathophysiology of the female body, focus on reproduction</p> <ul style="list-style-type: none"> ▪ Female cycle, fertilization, nidation, pregnancy→physiology and pathology ▪ Diagnostics of physiological, abnormal and pathological pregnancy processes ▪ Prevention and treatment options for pregnancy symptoms ▪ The female pelvic floor ▪ Pathophysiology of the findings recorded in the maternity record or during the course of the pregnancy ▪ Relevant biomechanisms and changes during pregnancy: e.g. blood, blood group, blood sugar, blood pressure, metabolism 				
Language of instruction:	German			
Participation requirements:				
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.			
Further information:				
Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
1.2.1: Basics of anatomy and physiology	N.N.	2	Seminar	Written examination

1.2.2: Pathophysiology of the female body, focus on reproduction	N.N.	2	Seminar	90 minutes
1.2.3 Module-related exercise	N.N.	1	Guided independent learning	

Module 1.3: Communicating and interacting in professional relationships

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in Semester 1	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 dates in winter semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			
Learning outcomes:			
Upon successful completion of the module, students will be able to:			
<ul style="list-style-type: none"> ▪ <i>contribute to the quality of the care process through person- and situation-oriented communication with women, children and caregivers</i> ▪ <i>evaluate counselling concepts in a theory-based manner and professionally design communication and client-oriented counselling processes.</i> ▪ <i>promote the self-efficacy of women and the other parent (empowerment)</i> ▪ <i>deal empathically, appreciatively and tolerantly both with the needs of their clients and with themselves</i> ▪ <i>adopt a professional attitude in dealing with death and grief</i> ▪ <i>develop possible solutions to stressful events</i> ▪ <i>consult with colleagues or make use of collegial advice</i> 			
Teaching content:			
1.3.1: Basics of verbal and non-verbal communication			
<ul style="list-style-type: none"> ▪ Theoretical basic knowledge about communication and interaction in nursing fields of action ▪ Models of communication and consultation ▪ Counselling and education concepts and their application in a medical context (with simulation) 			
1.3.2: Introduction to professional interaction and the professional handling of oneself			
<ul style="list-style-type: none"> ▪ Dealing with death and grief 1 ▪ Mindfulness training ▪ First and second victims ▪ Collegial counselling 1 			
Language of instruction:	German		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses

Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
1.3.1: Basics of verbal and non-verbal communication	N.N.	2	Seminar	Coursework and oral examination or poster presentation
1.3.2: Introduction to professional interaction and the professional handling of oneself	N.N.	2	Seminar	
1.3.3: Module-related exercise		1	Guided independent learning	

Module 1.4: Identifying and supporting the needs of pregnant women

Module supervisor:	Prof. Dr. Barbara Baumgärtner			
ECTS credits:	6 ECTS	Total workload:	180h	
Module type in this programme	Compulsory module in Semester 1	Of which in-person attendance:	56h	
Duration and frequency of the offer:	15 dates in winter semester	Of which guided independent learning:	124h	
Also applicable for following degree programmes / offers of further education:				
Learning outcomes:				
<p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>determine pregnancy with suitable aids</i> ▪ <i>compile a systematic medical history</i> ▪ <i>educate the pregnant woman regarding the physiological changes that occur during pregnancy.</i> ▪ <i>advise the pregnant woman on a healthy lifestyle to promote maternal and child health</i> ▪ <i>apply evidence-based knowledge and skills to promote physiological pregnancy</i> ▪ <i>assess pregnancy complaints and alleviate them through appropriate measures and targeted counselling</i> ▪ <i>name the requirements of the currently valid maternity guidelines and act accordingly</i> ▪ <i>evaluate the results of prenatal care, provide targeted advice on the basis of the findings and draw up a treatment plan with the aim of promoting physiology.</i> ▪ <i>use diagnostic instruments professionally</i> ▪ <i>assess the development of the unborn child</i> ▪ <i>recognise the limits of their working area and offer the pregnant woman alternatives</i> ▪ <i>prepare the pregnant woman and her family for the birth, the puerperium and parenthood according to their life situation</i> ▪ <i>advise pregnant women and the other parent on the choice of a suitable place to give birth and provide assistance in drawing up an individual birth plan</i> 				
Teaching content:				
<ul style="list-style-type: none"> ▪ Physiology of pregnancy and foetal development ▪ Diagnostics in pregnancy in theory and practice (skill training) ▪ Maternity care: contents and implementation (theory and simulation) ▪ Counselling during pregnancy (simulation) ▪ Handling of diagnostic instruments and nursing aids relevant to the performance of maternity care (skill training) ▪ Introduction to cardiotocography ▪ Locations of giving birth and their specificities 				
Language of instruction:	German			
Participation requirements:				
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.			
Further information:				
Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
1.4.1: Identifying and supporting the needs of pregnant women (theory)	N.N.	2	Seminar	Practical examination

1.4.2: Identifying and supporting the needs of pregnant women (skill training and simulation)	N.N.	2	Seminar	
1.4.3: Module-related exercise		1	Guided independent learning	

Module 1.5: Caring for mother and child in the postpartum period

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in Semester 1	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 dates in winter semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>recognise the autonomy of the woman, accompany her professionally on her way to the postpartum period, breastfeeding or alternative infant feeding, as well as the initiation of a parent-child bond</i> ▪ <i>plan processes independently and diagnose irregularities</i> ▪ <i>carry out appropriate nursing measures in the care of mother and child</i> ▪ <i>initiate and support bonding processes and successful breastfeeding relationships</i> ▪ <i>assess the adaptation processes of healthy new-borns, carry out the maturity assessment and initial examination of new-borns (U1) in a professional manner</i> ▪ <i>describe and support physiological processes of lactation and the suckling and drinking behaviour of healthy new-borns</i> ▪ <i>participate in breastfeeding guidance and counselling in the postpartum period</i> ▪ <i>use examination parameters of a postpartum visit as a diagnostic tool</i> ▪ <i>implement evidence-based skills and knowledge in the care of mother, other parent and child</i> ▪ <i>diagnose irregularities and pathologies in the mother and/or child in the puerperium and initiate appropriate measures</i> ▪ <i>identify and promote the needs of women and children</i> ▪ <i>reflect upon one's own actions</i> 			
<p>Teaching content:</p> <p>1.5.1: Support and evaluation of the maternal puerperium</p> <ul style="list-style-type: none"> ▪ Physiology of the puerperium, promotion of the regression processes in the early and late puerperium ▪ Diagnostic and differential diagnostic methods for assessing the course of the puerperium in the mother ▪ Irregularities and pathologies in the postpartum course of the mother, intervention and therapy ▪ Empowerment, bonding and relationship development, role adaptation <p>1.5.2: Support for new-borns infants in their adaptation processes and ensuring their needs in the puerperium</p> <ul style="list-style-type: none"> ▪ Basics of neonatal physiology and infant care (with exercises in the SkillsLab) ▪ Physiology of lactation, suckling and drinking behaviour, evidence-based breastfeeding counselling and guidance, assistance with breastfeeding and breastfeeding problems, weaning, infant feeding ▪ Needs of the new-born and infant, bonding ▪ Instruction of parents in the independent care of the new-born and infant and in self-care (with exercises and simulation in the SkillsLab) ▪ Counselling of women and the other parent on: family planning, healthy lifestyle, nutrition, care and hygiene of the new-born and infant, use of medical examinations and vaccinations and other relevant topics (with simulation in the SkillsLab) 			
Language of instruction:	German		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
1.5.1 Support and evaluation of the maternal puerperium	N.N.	2	Seminar	Paper with presentation
1.5.2: Support for the newborn and the infant in their adaptation processes and ensuring their needs in the puerperium	N.N.	2	Seminar	
1.5.3: Module-related exercise		1	Guided independent learning	

Module 2.1: Becoming a midwife – developing professional self-image

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in Semester 2	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 dates in summer semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			
Learning outcomes:			
2.1.1: Midwifery as a profession - from fellow mother to reflected practitioner			
<ul style="list-style-type: none"> ▪ <i>Students will know the historical development of the midwifery profession.</i> ▪ <i>Students will know the history of professionalisation of the midwifery profession and evaluate its significance.</i> ▪ <i>Students are guided in their actions in midwifery practice by the professional ethics of their profession.</i> ▪ <i>Students continue to develop their profession.</i> 			
2.1.2: Relevant reference sciences of midwifery work			
<ul style="list-style-type: none"> ▪ <i>Students know the basic reference sciences and analyse their significance for the midwifery profession.</i> ▪ <i>Students will be able to recognise and name the distinctions between these and related sciences.</i> ▪ <i>Students have developed a well-founded professional self-image and understanding of their role as a midwife and are able to integrate these into their professional activities.</i> 			
Teaching content:			
2.1.1: Midwifery as a profession - from fellow mother to reflected practitioner			
<ul style="list-style-type: none"> ▪ History of midwifery ▪ Professional ethics following a new take on midwifery practices during the NS era and other dictatorships ▪ Professionalisation in midwifery - history of the development of midwifery science in Germany and in international comparison ▪ Principle of tasks reserved for the profession and involvement of other professions ▪ Professional policy 			
2.1.2: Relevant reference sciences of midwifery work			
<ul style="list-style-type: none"> ▪ Introduction to the related sciences of midwifery ▪ Role Theory ▪ Salutogenesis as a principle of action 			
Language of instruction:	German		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses

Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
2.1.1: Midwifery as a profession - from fellow mother to reflected practitioner	N.N.	2	Seminar	Coursework and paper with presentation or term paper
2.1.2: Relevant reference sciences of midwifery work	N.N.	2	Seminar	

2.1.3: Module-related exercise	N.N.	1	Guided independent learning	
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Module 2.2: Understanding hygienic, microbiological and pharmacological mechanisms of action

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in Semester 2	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 dates in summer semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>2.2.1: Infectious diseases, hygiene and prevention</p> <ul style="list-style-type: none"> ▪ <i>Students know the basics of microbiology</i> ▪ <i>Students can explain the difference between epidemiology and clinical medicine and evaluate the results of epidemiological studies</i> ▪ <i>Students are familiar with the pathophysiology of diseases relevant to pregnancy and their development</i> ▪ <i>Students know the basis of hygiene requirements and act accordingly in the workplace</i> <p>2.2.2: Pharmacology in pregnancy, birth, puerperium and lactation</p> <ul style="list-style-type: none"> ▪ <i>Students know the basics of pharmacology</i> ▪ <i>Students know important drugs approved for pregnancy, childbirth and the puerperium, their area of application and effect, as well as the rationale for contraindicated drugs in these phases</i> ▪ <i>Students can give pharmacological advice to pregnant women, women giving birth and breastfeeding mothers in case of complaints</i> ▪ <i>Students know the mechanisms of action, effects and side effects of painkillers used during childbirth</i> ▪ <i>Students know the effects of relevant long-term medications on the outcome of children</i> 			
<p>Teaching content:</p> <p>2.2.1: Infectious diseases, hygiene and prevention</p> <ul style="list-style-type: none"> ▪ Basics of microbiology ▪ Basics of epidemiology, methods and types of research studies ▪ Infectious diseases relevant to pregnancy ▪ Basics of hygiene, cause and handling of multi-resistant germs <p>2.2.2: Pharmacology in pregnancy, birth, puerperium and lactation</p> <ul style="list-style-type: none"> ▪ Basics of pharmacology ▪ Medicines during pregnancy, puerperium and breastfeeding ▪ Effects of specific medications on child outcome, e.g. psychotropic drugs ▪ Pharmacological labour promotion or labour suppression ▪ Emergency drugs in obstetrics: indications, mechanisms of action ▪ Mechanisms of action and effects of analgesics on mother and child 			
Language of instruction:	German		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses

Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and
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				duration of examinations
2.2.1: Infectious diseases, hygiene and prevention	N.N.	2	Seminar	Written examination 90 minutes
2.2.2: Pharmacology in pregnancy, birth, puerperium and lactation	N.N.	2	Seminar	
2.2.3: Module-related exercise		1	Guided independent learning	

Module 2.3: Accompanying childbearing women and guiding physiological birth

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in Semester 2	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 dates in summer semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			
Learning outcomes:			
<p><i>Upon successful completion of the module, students will be able to:</i></p> <ul style="list-style-type: none"> ▪ <i>implement the knowledge of the physiological course of birth in phases, when accompanying a woman giving birth</i> ▪ <i>recognise the autonomy of the woman giving birth, identify her needs during childbirth and suggest ways of solving them</i> ▪ <i>recognise and respond to the needs of the other parent during birth</i> ▪ <i>protect the privacy of the woman during childbirth</i> ▪ <i>monitor the unborn child by appropriate clinical and technical means</i> ▪ <i>care for the woman giving birth according to latest scientific knowledge, examine her and evaluate the birth process</i> ▪ <i>encourage and guide the birthing woman to favourable birthing positions</i> ▪ <i>support the child in its rotation through the womb and the exit movement</i> ▪ <i>guide the expectant mother independently during physiological birth</i> ▪ <i>manage and assess the postpartum period</i> ▪ <i>provide postpartum care to the woman and new-born, assess and care for birth injuries, and assess the health of the woman and new-born</i> ▪ <i>confidently apply the handling of data protection, liability issues and documentation basics</i> 			
Teaching content:			
<ul style="list-style-type: none"> ▪ Accompanying the transition from pregnancy to parenthood ▪ Physiology of birth stages and mechanics of regular birth ▪ Expert standard: Promotion of physiological birth and authoritative guidelines of other professional societies ▪ Supporting physiology: Guidance and management during birth ▪ Measures and hand movements during birth, theory and practice (skill training) ▪ Pain management during childbirth ▪ Peripartum monitoring and documentation ▪ Birth injuries and their professional care, theory and practice (skill training) ▪ Monitoring of the placental and post-placental period and the adaptation of the new-born baby ▪ Bonding, promotion of parent-child bonding ▪ Data protection, liability, documentation bases and guidelines ▪ Cardiotocography during birth: application and evaluation, state of the discussion 			
Language of instruction:	German		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
2.3.1: Accompanying childbearing women and guiding physiological birth	N.N.	4	Seminar	Case study
2.3.2: Module-related exercise	N.N.	1	Guided independent learning	

Module 2.4: Perceiving the unborn child at the centre of diagnostics, therapy and decision-making

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in Semester 2	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 dates in summer semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>2.4.1: The unborn child - diagnostics and therapy</p> <p>Upon successful completion of the module, students will be able to</p> <ul style="list-style-type: none"> ▪ <i>perform and classify diagnostic measures according to currently valid maternity precautions</i> ▪ <i>inform about medical examinations which are suitable for the earliest possible detection of risk pregnancies or of irregularities and complications</i> ▪ <i>identify risks to the unborn child and take preventive measures</i> ▪ <i>assess the effects of (child) diseases during pregnancy that are relevant for the unborn child and competently advise affected families</i> ▪ <i>recognise signs of irregularities requiring medical treatment and take the appropriate measures in each case</i> ▪ <i>care for families in cases of stillbirth and miscarriage, according to their needs</i> <p>2.4.2: Prenatal diagnostics - possibilities and limits</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>provide evidence-based information about prenatal diagnostics, possible consequences and therapeutic limitations</i> ▪ <i>classify prenatal diagnostic findings</i> ▪ <i>reflect the current status of intra- and extrauterine therapy options and prognoses</i> ▪ <i>grasp the ethical dimension of prenatal diagnostics and develop a professional attitude</i> ▪ <i>in consideration of the currently valid legislation on genetic diagnostics, accompany families and, if necessary, work towards the involvement of further expertise</i> ▪ <i>provide abortion care to families before and after the 12th week of pregnancy, according to their needs</i> ▪ <i>reflect on their attitude towards prenatal diagnostics, abortions and fetocide and identify their rights and obligations</i> 			
<p>Teaching content:</p> <p>2.4.1: The unborn child - diagnostics and therapy</p> <ul style="list-style-type: none"> ▪ Diagnostics in prenatal care ▪ Irregularities during pregnancy, prevention and treatment options ▪ Effects of (child) diseases during pregnancy ▪ Care for families in the event of miscarriage and stillbirth <p>2.4.2: Prenatal diagnostics - possibilities and limitations</p> <ul style="list-style-type: none"> ▪ Genetic diagnostics legislation and ethics ▪ Rights and obligations of professional actors ▪ Prenatal diagnostics: implications, forms of examination, therapeutic options and limitations ▪ Intrauterine surgery ▪ Parents' dilemmas ▪ Information centres ▪ Care for families in cases of induced fetocide 			
Language of instruction:	German		

Participation requirements:				
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.			
Further information:				
Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
2.4.1: The unborn child - diagnostics and therapy	N.N.	2	Seminar	Portfolio
2.4.2: Prenatal diagnostics - possibilities and limitations	N.N.	2	Seminar	
2.4.3: Module-related exercise		1	Guided independent learning	

Module 2.5: Insight into the care sheet in the clinical area- Practical Module 1

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in Semester 2	Of which in-person attendance: (in the form of university practice supervision)	56h
Duration and frequency of the offer:	Once a semester	Of which: independent learning (incl. guidance at the place of practice)	124h
Also applicable for following degree programmes / offers of further education:			

Learning outcomes:

2.5.1: Antenatal care and delivery room - insight into the clinical care sheet

Upon successful completion of the module, students will be able to:

- *understand organisational and process structures and participate according to level of experience*
- *play their part in the team*
- *adhere to hygiene rules and implement hygiene measures*
- *apply basic knowledge of documentation and use documentation tools as a source of information*
- *compile anamneses under guidance, apply acquired skills (blood pressure measurement, blood sampling, CTG, urine analysis...)*
- *support women and the other parent during childbirth*
- *recognise the phases of birth by observing the woman giving birth*
- *assist with the preparation and post-processing of rooms, materials, equipment and instruments*

2.5.2: Postpartum and lactation- insight into the clinical care of mother and child in the postpartum period

Upon successful completion of the module, students will be able to:

- *perceive and adequately respond to the basic needs of women in childbirth and the other parent in the clinic*
- *carry out the care and supply of the new-born under guidance*
- *instruct the woman in the puerperium to care for herself under supervision*
- *guide the woman in labour and the other parent in the care and feeding of the new-born/infant under supervision*
- *identify puerperium-specific care and counselling needs and attend to these under supervision*
- *support parents in the bonding process*
- *reflect on breastfeeding support situations*
- *collect first own findings in the puerperium and document them under guidance according to the clinic standards*

Teaching content:

Field 1: Antenatal care and delivery room - insight into the clinical care sheet

- **Exploration of the clinical professional field of a midwife in prenatal care and the delivery room area, including caesarean section**
- **Preparation of the workplace, incl. replenishing and cleaning**
- **Practice basic hygiene**
- **Compiling medical histories under supervision (practical guidance)**
- **Practicing skills acquired from Module 1.4 and Module 2.3 under supervision (practical guidance)**
- **Dealing with pregnant women and the other parent under supervision (practical guidance)**
- **Supporting the woman giving birth and the other parent during the birth with guidance (practical guidance)**

- Observing and recording birth processes
- Observing the handling of medications
- Practise using medical equipment and instruments

Field 2: Postpartum and Lactation – Observation of clinical care of mother and child in the postpartum period.

- Attend postpartum visits in the clinic
- Care for newborns and infants under supervision
- Promote bonding processes
- Change, examine and dress infants under supervision
- Care for the umbilicus and assessing the umbilicus under supervision
- Discuss findings with the specialist
- Observe the breastfeeding assistance
- Palpating and describing the fundal height of the woman in puerpera
- Observe healing processes of injuries (section sutures, perineal injuries).
- Apply knowledge from module 1.5 under supervision

Language of instruction:	German			
Participation requirements:				
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.			
Further information:				
Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
2.5.1 Work-based learning - insight into the care sheet in clinical settings	N.N.	2	Practical support: work-based learning	Report (ungraded)
2.5.2 Work-related learning - insight into the care sheet in clinical settings	N.N.	2	Practical support: work-related learning and skill training	

Module 3.1: Evidence-based and quality-assured work

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in Semester 3	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 dates in winter semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>Knowledge and understanding (broadening, deepening and understanding knowledge)</p> <ul style="list-style-type: none"> ▪ <i>Students can independently research the valid guidelines of relevant professional societies and are confident in the use of databases</i> ▪ <i>Students know the development process of guidelines and expert standards in Germany</i> <p>Use, application and generation of knowledge (exploitation and transfer, scientific innovation)</p> <ul style="list-style-type: none"> ▪ <i>Students access and evaluate reliable research results according to the generally accepted state of midwifery, medical and other related scientific knowledge</i> ▪ <i>Students can interpret German and international studies relevant to obstetrics and midwifery science</i> <p>Communication and cooperation</p> <ul style="list-style-type: none"> ▪ <i>Students participate in the interdisciplinary further development and implementation of science-based, evidence-based and innovative care concepts in the field of pregnancy, birth, postpartum and lactation</i> ▪ <i>Students have deepened their knowledge of English as a language of science</i> <p>Scientific self-image or professionalism</p> <ul style="list-style-type: none"> ▪ <i>Students can participate in the intra- and interdisciplinary development, implementation and evaluation of quality management concepts, risk management concepts, guidelines and expert standards.</i> ▪ <i>Students integrate the findings from current relevant research into their actions</i> 			
<p>Teaching content:</p> <p>3.1.1: Guideline development, quality and risk management in the German and international health care system</p> <ul style="list-style-type: none"> ▪ Development and implementation of guidelines and expert standards ▪ Authoritative guidelines for German obstetrics ▪ Introduction to quality and risk management concepts ▪ Differences in German and international comparison <p>3.1.2: English in practice and research</p> <ul style="list-style-type: none"> ▪ English for Midwives ▪ Deepening evidence-based midwifery 			
Language of instruction:	German, 3.1.2 English		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
3.1.1: Guideline development, quality and risk management in the German and international health care system	N.N.	2	Seminar	Paper and course work
3.1.2: English in practice and research	N.N.	2	Seminar	
3.1.3: Module-related exercise	N.N.	1	Guided independent learning	

Module 3.2: Recognising and treating abnormal obstetric situations

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in Semester 3	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 dates in winter semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>distinguish and diagnose physiological from abnormal pregnancy, birth and postpartum processes</i> ▪ <i>propose, initiate and/or implement measures to support the physiology</i> ▪ <i>intervene in a stabilising manner within the framework of midwifery care, on the basis of evidence-based procedures</i> ▪ <i>identify and promote the needs of women and children</i> ▪ <i>if another professional group is involved, provide the relevant information and act in a supportive manner</i> ▪ <i>in case of urgency, perform a birth from the breech position</i> ▪ <i>provide appropriate information to women and accompanying persons</i> ▪ <i>carry out medically prescribed measures independently</i> ▪ <i>safely initiate, implement or assist in life-sustaining measures</i> ▪ <i>communicate confidently</i> 			
<p>Teaching content:</p> <p>3.2.1: Recognising and treating irregular obstetric situations</p> <ul style="list-style-type: none"> ▪ Deviations from the normal course of pregnancy ▪ Deviations from the normal course of birth ▪ Deviations from the regular course of the puerperium ▪ Defining the borderline between deviations from the rules and pathological course and corresponding consequences for midwifery practice ▪ Tasks and possibilities of the midwife in case of irregularities <p>3.2.2: Skill training and simulation of irregular obstetric situations</p> <ul style="list-style-type: none"> ▪ Breech birth (skill training) ▪ Recognising and averting incorrect positions of the child (skill training) ▪ Obstetric procedure for multiples, missed due date, delayed placental delivery ▪ Communication with the interfaces (simulation) ▪ Basic life support (skill training) 			
Language of instruction:	German		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
3.2.1: Recognising and treating irregular obstetric situations	N.N.	2	Seminar	Practical examination
3.2.2: Skill training and simulation of irregular obstetric situations	N.N.	2	Small group	
3.2.3: Module-related exercise	N.N.	1	Guided independent learning	

Module 3.3: Working as a midwife in the German health care system

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in Semester 3	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 Dates in winter semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>carry out their work as midwives on the basis of legal, institutional and organisational framework conditions of the federal German health and social insurance system</i> ▪ <i>apply the principles of professional law in their work as midwives and deal with legal issues specific to their profession (including the German Civil Code (BGB), the German Social Code (SGB V), legislation in the frame of labour law and collective bargaining, working-time (ArbZG), professional regulations, legal liability, employee representation/professional association...)</i> ▪ <i>apply the pertinent requirements for quality assurance measures and quality management systems in the health care sector</i> ▪ <i>carry out liability measures in midwifery work appropriately (e.g. documentation) and recognise their necessity</i> ▪ <i>in the event of complications, behave in accordance with the law as the midwife concerned and seek assistance</i> ▪ <i>analyse and reflect on care structures relevant to midwives</i> ▪ <i>analyse the legal, economic and social conditions on a scientific basis and deal with them critically</i> ▪ <i>participate in social negotiation processes for quality-assured midwifery work</i> ▪ <i>identify job-related further education and training needs</i> ▪ <i>recognise the need for lifelong learning as a process of continuous personal and professional development</i> ▪ <i>exercise their rights and duties as a self-employed midwife</i> ▪ <i>reproduce the legal basis and accordant support services for women in distress, pregnant women and families in counselling situations</i> ▪ <i>advise families affected in the event of complications</i> 			
<p>Teaching content:</p> <ul style="list-style-type: none"> ▪ Relevant basics of business administration and health economics ▪ Legislation for health care professions, in particular midwives ▪ Foundations in quality management and quality assurance ▪ The freelance midwife as a sole trader ▪ Lifelong learning ▪ Legal bases of the state aid systems 			
Language of instruction:	German		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
3.3.1: Working as a midwife in the German health care system	N.N.	4	Seminar	Written examination 90 minutes
3.3.2: Module-related exercise	N.N.	1	Guided independent learning	

Module 3.4: Insight into the care sheet in the out-of-hospital sector - Practical Module 2

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in Semester 3	Of which attendance studies (in the form of university practice supervision):	56h
Duration and frequency of the offer:	Once in winter semester	Of which self-organised study (incl. guidance at the place of practice):	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>reflect on the work as a midwife in the out-of-hospital care sheet</i> ▪ <i>depending on the field of activity experienced, advise women during pregnancy under supervision, support couples in out-of-hospital births, organise courses for women, parents and children, carry out prenatal care under supervision in accordance with the maternity guidelines</i> ▪ <i>handle diagnostic equipment and instruments of the non-clinical midwife in a professional manner</i> ▪ <i>describe postpartum visits in the home puerperium</i> ▪ <i>identify differences between clinical and out-of-hospital postpartum care</i> ▪ <i>transfer knowledge from module 2.5 to the out-of-hospital setting, if applicable</i> ▪ <i>assess involuntal processes in early and late puerperium</i> ▪ <i>communicate appropriately with (expectant) parents</i> ▪ <i>assist in guiding and supporting the mother when breastfeeding is desired</i> ▪ <i>give appropriate advice on alternative feeding of the infant</i> ▪ <i>care for the infant and assess its vitality</i> ▪ <i>support parents in establishing contact with their child</i> 			
<p>Teaching content:</p> <ul style="list-style-type: none"> ▪ Working as a midwife in the out-of-hospital sector, organisation, responsibility, network ▪ Examination of women in puerperium and new-borns ▪ Regression and healing processes in the early and late puerperium, collection of findings ▪ Application of diagnostic tools ▪ Preventive and prophylactic measures ▪ Communication with parents ▪ Counselling and instruction of parents and other caregivers in infant care ▪ Breastfeeding counselling and support, as well as alternative feeding of the infant ▪ Promotion of the parent-child relationship ▪ Course offers, if applicable ▪ If necessary, supervision of home births and birth-centre births ▪ If necessary, pregnancy support/preventive care, help with pregnancy complaints 			
Language of instruction:	German		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
3.4.1 Work-based learning - insight into the care sheet in out-of-hospital settings	N.N.	2	Practical support: work-based learning	Report (ungraded)
3.4.2 Work-related learning - insight into the care sheet in the out-of-hospital setting	N.N.	2	Practical support: work-related learning and skill training	

Module 3.5: Accompanying women during pregnancy and birth in the clinic- Practical Module 3

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in Semester 3	Of which attendance studies (in the form of university practice supervision):	56h
Duration and frequency of the offer:	Once in winter semester	Of which self-organised study (incl. guidance at the place of practice):	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>Upon successful completion of the module, students can, in addition to deepening the competences described in module 2.5:</p> <ul style="list-style-type: none"> ▪ independently compile, document and summarise a pregnancy history ▪ describe the findings of CTG recordings and participate in their interpretation ▪ identify the needs of pregnant women, women in labour and those accompanying them and, with guidance, propose measures to support them ▪ comprehend organisational procedures of delivery-room activities and integrate these in a planned manner into their own procedures and participate according to their level of experience ▪ comply with hygiene requirements ▪ under supervision, care for women giving birth and accompanying persons during physiological progress and monitor the general condition of mother and child in accordance with applicable guidelines ▪ collect vaginal findings and reproduce them systematically ▪ articulate themselves in appropriate technical language ▪ perform the initial examination of the new-born under guidance ▪ assist with known medical procedures under supervision ▪ take over tasks on their own initiative in the preparation and post-processing of rooms, material and instruments 			
<p>Teaching content:</p> <ul style="list-style-type: none"> ▪ Pregnancy counselling and care ▪ Apply, evaluate and document CTG ▪ Communication with pregnant women, women giving birth and the other parent ▪ Observation and monitoring of the woman giving birth and the unborn child ▪ Hygiene requirements ▪ Preparation of the woman giving birth ▪ Perform vaginal examinations ▪ Classify obstetric measures ▪ Handling medical equipment and instruments ▪ Examination of the new-born ▪ Assistance with medical procedures 			
Language of instruction:	German		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
3.5.1 Work-based learning - accompanying women during pregnancy and birth in the clinic	N.N.	2	Practical support: work-based learning	Practical examination
3.5.2 Work-related learning - accompanying women during pregnancy and birth in the clinic	N.N.	2	Practical support: work-related learning and skill training	

Module 4.1: Thinking and acting in terms of health science

Module supervisor:	Prof. Dr. Barbara Baumgärtner			
ECTS credits:	6 ECTS	Total workload:	180h	
Module type in this programme	Compulsory module in Semester 4	Of which in-person attendance:	56h	
Duration and frequency of the offer:	14 dates in summer semester	Of which guided independent learning:	124h	
Also applicable for following degree programmes / offers of further education:				
Learning outcomes: Upon successful completion of the module, students will be able to: <ul style="list-style-type: none"> ▪ <i>integrate concepts of health promotion, prevention and empowerment into their professional activities</i> ▪ <i>independently plan, organise, implement, control and evaluate care processes for mother and child as well as relatives during pregnancy, birth, the postpartum period, breastfeeding and infancy</i> ▪ <i>reflect on their own actions</i> ▪ <i>develop their profession</i> ▪ <i>develop and explore research hypotheses</i> 				
Teaching content: <ul style="list-style-type: none"> ▪ Deepening of health science theories ▪ Science-based decision making in the medical and psychosocial fields ▪ Theory and methods of empirical social research ▪ Deepening of selected qualitative and quantitative research methods 				
Language of instruction:	German			
Participation requirements:				
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.			
Further information:				
Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
4.1.1: Think and act in terms of health science	N.N.	4	Seminar	Presentation or oral examination
4.1.2: Module-related exercise	N.N.	1	Guided independent learning	

Module 4.2: Recognising the needs of people in psychosocially complex life situations and being able to react in a reflective manner

Module supervisor:	Prof. Dr. Barbara Baumgärtner			
ECTS credits:	6 ECTS	Total workload:	180h	
Module type in this programme	Compulsory module in semester 4	Of which in-person attendance:	56h	
Duration and frequency of the offer:	14 dates in summer semester	Of which guided independent learning:	124h	
Also applicable for following degree programmes / offers of further education:				
Learning outcomes:				
Upon successful completion of the module, students will be able to:				
<ul style="list-style-type: none"> ▪ <i>identify resources, deviations and psychosocial stresses of pregnant women and their families and work towards the involvement of further expertise if necessary.</i> ▪ <i>explain to the mother and the other parent the needs of a new-born and infant, and the signs of these needs</i> ▪ <i>guide the mother and the other parent to interact with the new-born and infant in an age-appropriate manner</i> ▪ <i>support the autonomy and self-determination of women, taking into account their rights, their concrete life situation, ethnic origin, social, biographical, cultural and religious background, sexual orientation and transsexuality or intersexuality</i> ▪ <i>take into account the special concerns of women with disabilities and chronic illnesses in their actions</i> ▪ <i>accompany women who have experienced violence, in particular sexualised or domestic violence, as well as female genital mutilation, in a way that is appropriate to their situation and, if necessary, advise them on the help available</i> ▪ <i>identify risks of neglect, maltreatment or sexual abuse of the infant and encourage the use of preventive support services.</i> ▪ <i>initiate the necessary steps in a professional manner if there is a suspicion that a child's well-being is at risk</i> ▪ <i>recognise the limits of their own competence and, if necessary, call in appropriate specialists</i> 				
Teaching content:				
<ul style="list-style-type: none"> ▪ Autonomy and self-determination ▪ Biography work ▪ Psychosocial stress and its impact on pregnancy and family formation ▪ Mental illnesses with selected examples: Symptoms, clinic, measures ▪ Dealing with traumatised women in midwifery work ▪ Child welfare endangerment – legal basis, prevention, professional attitude 				
Language of instruction:	German			
Participation requirements:				
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.			
Further information:				
Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
4.2.1: Recognising the needs of people in psychosocially	N.N.	4	Seminar	Presentation

complex life situations and being able to react in a reflective manner.				or paper
4.2.2: Module-related exercise	N.N.	1	Guided independent learning	

Module 4.3: Supporting the infant at the centre of diagnosis, therapy and practice

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in semester 4	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 dates in summer semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>4.3.1: The healthy or sick term-born baby</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>independently provide initial care, monitoring and care for healthy new-borns and infants</i> ▪ <i>diagnose and evaluate irregularities and pathologies</i> ▪ <i>recognise symptoms of distress in the child and act appropriately</i> ▪ <i>recognise the limits of their field of action and, in the event of a child's pathology, consult the appropriate professional group and ensure a sound handover to them</i> ▪ <i>classify and treat pathophysiological processes in the neonatal period</i> ▪ <i>identify special needs of new-borns or infants with disabilities or intersex new-borns and infants</i> ▪ <i>communicate confidently with parents regarding their child</i> ▪ <i>Support parents in dealing with the healthy or sick child</i> <p>4.3.2: The premature or immature neonate</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>assess the chances and adversities of a prematurely born child</i> ▪ <i>support and reflect on procedures in the neonatal intensive care unit</i> ▪ <i>educate and support affected parents</i> ▪ <i>assist the mother in obtaining breast milk</i> ▪ <i>safely initiate, implement or assist life-sustaining measures</i> 			
<p>Teaching content:</p> <p>4.3.1: The healthy or sick term-born baby</p> <ul style="list-style-type: none"> ▪ The healthy new-born ▪ Pathophysiology of the new-born and infant ▪ The sick new-born: symptoms, diagnosis and therapy <p>4.3.2: The premature or immature neonate</p> <ul style="list-style-type: none"> ▪ Problems and needs of the early and immature new-born ▪ The neonatal intensive care unit ▪ Newly Life Support: Neonate and Newly Born (Skill Training) 			
Language of instruction:	German		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
4.3.1: The healthy or sick term-born baby	N.N.	2	Seminar	Case study
4.3.2: The premature or pre-term neonate	N.N.	2	Seminar	
4.3.3: Module-related exercise	N.N.	1	Guided independent learning	

Module 4.4: Out-of-hospital care for women during pregnancy, birth and the puerperium - Practical module 4

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in semester 4	Of which in-person attendance: (in the frame of university supervision of practical training):	56h
Duration and frequency of the offer:	Once in summer semester	Of which guided independent learning (incl. guidance at the place of practice):	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>determine a pregnancy and carry out examinations to monitor the course of the pregnancy in the out-of-hospital setting</i> ▪ <i>participate in the care of women, families and children in out-of-hospital settings.</i> ▪ <i>describe the special organisational and content-related requirements of out-of-hospital obstetric care and take them into account in their professional image of midwives</i> ▪ <i>understand how to build a professional network while working as a freelance midwife.</i> ▪ <i>evaluate quality assurance measures in self-employment</i> ▪ <i>expand one's own professional role as a midwife to include the aspects of freelancing</i> ▪ <i>assess the framework conditions as well as the professional and personal competences required for freelance midwifery work</i> ▪ <i>reflect on one's own professional behaviour in non-clinical midwifery work</i> ▪ <i>classify concepts of closeness and distance to the women and families in care</i> ▪ <i>reflect on differences and potentials of clinical and non-clinical obstetric care</i> ▪ <i>reflect on procedures and processes of freelance work and identify differences to the role of salaried midwives.</i> 			
<p>Teaching content:</p> <ul style="list-style-type: none"> ▪ Examination of women in childbed and new-borns ▪ Monitoring of the regression and healing processes ▪ Preventive and prophylactic measures, including blood sampling ▪ Early detection of diseases ▪ Interaction with parents, including advice and guidance in infant care ▪ Breastfeeding counselling and support, as well as artificial feeding of the infant ▪ Promotion of the parent-child relationship ▪ Integration of the new-born into the family ▪ Courses in pregnancy, regression and 1st year of life ▪ Pregnancy counselling with examination ▪ If necessary, monitoring and care of childbearing women ▪ Organisation of the midwife service/the midwife as a sole trader ▪ Business management insights into freelancing ▪ Documentation and QM in freelancing ▪ Dealing with interfaces ▪ If necessary, midwifery work in complex psychosocial problem situations ▪ If necessary, insight into the work in counselling centres, refugee accommodation, gynaecologist's practice, practice for prenatal diagnostics or other facilities suitable for the outpatient practical training of midwives. 			

Language of instruction:	German			
Participation requirements:				
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.			
Further information:				
Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
4.4.1 Work-based learning - accompanying women during pregnancy, birth and the puerperium in out-of-hospital settings	N.N.	2	Practical support: work-based learning	Portfolio
4.4.1 Work-related learning - accompanying women during pregnancy, birth and the puerperium in out-of-hospital settings	N.N.	2	Practical support: work-related learning and skill training	

Module 4.5: Out-of-hospital care for women during pregnancy, birth and the postpartum period - Practical module 5

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in semester 4	Of which in-person attendance: (in the frame of university supervision of practical training):	56h
Duration and frequency of the offer:	Once in summer semester	Of which guided independent learning (incl. guidance at the place of practice):	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>provide full support to families in their home environment</i> ▪ <i>identify and support bonding processes</i> ▪ <i>recognise and name the differences between home and clinical care and act accordingly</i> ▪ <i>diagnose irregular processes and communicate with the appropriate interfaces in case of emergency</i> ▪ <i>in the case of psychosocial emergencies of families, name the appropriate support services, consult them or make use of them themselves</i> ▪ <i>accept the challenge of closeness and distance in the out-of-hospital environment</i> ▪ <i>identify the challenges of solo self-employment and develop alternative concepts for their own professional life</i> ▪ <i>transfer the conceptual approach of the salutogenetic attitude of midwives working outside the clinic to clinical care in the puerperium</i> 			
<p>Teaching content:</p> <ul style="list-style-type: none"> ▪ Examination of women in childbed and new-borns ▪ Monitoring of the regression and healing processes ▪ Preventive and prophylactic measures, including blood sampling ▪ Early detection of diseases ▪ Interaction with parents, including advice and guidance in infant care ▪ Breastfeeding counselling and support, as well as artificial feeding of the infant ▪ Promotion of the parent-child relationship ▪ Integration of the new-born into the family ▪ Courses in pregnancy, regression and 1st year of life ▪ Pregnancy counselling with examination ▪ If applicable, participation in out-of-hospital births ▪ Organisation of the midwife service/the midwife as a sole trader ▪ Business management insights into freelancing ▪ Documentation and QM in freelancing ▪ Dealing with interfaces ▪ If necessary, midwifery work in complex psychosocial problem situations ▪ If necessary, insight into the work in counselling centres, refugee accommodation, gynaecologist's practice, practice for prenatal diagnostics or other facilities suitable for the outpatient practical training of midwives. 			
Language of instruction:	German		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		

Further information:		Related courses		
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
4.5.1 Work-based learning - accompanying women during pregnancy, birth and the puerperium in out-of-hospital settings	N.N.	2	Practical support: work-based learning	Case study
4.5.2 Work-related learning - accompanying women during pregnancy, birth and the puerperium in out-of-hospital settings	N.N.	2	Practical support: work-related learning and skill training	

Module 5.1: Developing Sensitivity to Cultural Diversity and Integrating it into Professional Work

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in semester 5	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 dates in winter semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>5.1.1: Midwifery work and science in an international context Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>classify midwifery work in an international comparison</i> ▪ <i>reflect the state of midwifery science in Germany and internationally</i> ▪ <i>develop research-oriented questions for the semester abroad</i> <p>5.1.2: Intercultural Training Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>describe their own socialisation</i> ▪ <i>describe and compare concepts of health, natality, ethics and attachment.</i> ▪ <i>integrate diversity and multicultural aspects into their questions and professional actions</i> ▪ <i>develop professional ethics</i> 			
<p>Teaching content:</p> <p>5.1.1: Midwifery work and science in an international context</p> <ul style="list-style-type: none"> ▪ Midwifery work at home and abroad ▪ Midwifery at home and abroad ▪ Preparation for the semester abroad <p>5.1.2: Intercultural Training</p> <ul style="list-style-type: none"> ▪ Diversity and multicultural context in German and international midwifery work ▪ Foreignness and otherness as challenge and opportunity ▪ Concepts of health, natality, ethics and attachment in international comparison ▪ Public health 			
Language of instruction:	German or English		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses

Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
5.1.1: Midwifery work and science in an international context	N.N.	2	Seminar	Course work and presentation in English
5.1.2: Intercultural Training	N.N.	2	Seminar	
5.1.3: Module-related exercise	N.N.	1	Guided independent learning	

Module 5.2: Study abroad			
Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	18 ECTS	Total workload:	According to the specifications of the host university
Module type in this programme :	Compulsory module in semester 5	Of which in-person attendance:	According to the specifications of the host university
Duration and frequency of the offer:	According to the specifications of the host university in winter semester	Of which guided independent learning:	According to the specifications of the host university
Also applicable for following degree programmes / offers of further education:			
Learning outcomes: ▪			
Teaching content: Students choose modules from the range of subjects offered by the host universities, preferably from the field of midwifery, reference sciences, methods or pedagogy. At least one module must be taken in the field of health care. The modules must correspond to a workload of 18 ECTS according to the specifications of the Hochschule Bremen. The course contents correspond to the specifications of the host university.			
Language of instruction:	Language of the host country/ English language events in the host country		
Participation requirements:	60 ECTS, successful participation in module 5.1 and, if applicable, requirements of host university		
Preparation/Literature:	According to the specifications of the host university		
Further information:			

Module 5.3: Getting to know and transferring international health systems and their approaches to prevention and health promotion

Module supervisor:	Prof. Dr. Barbara Baumgärtner			
ECTS credits:	6 ECTS	Total workload:	180h	
Module type in this programme	Compulsory module in semester 5	Of which in-person attendance:	56h	
Duration and frequency of the offer:	14 dates in winter semester	Of which guided independent learning:	124h	
Also applicable for following degree programmes / offers of further education:				
<p>Learning outcomes:</p> <p>5.3.1: Health systems and midwifery in international comparison</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>classify own results and experiences from the semester abroad</i> ▪ <i>integrate best practice models from home and abroad into their actions</i> ▪ <i>compare and evaluate health systems</i> ▪ <i>use newly acquired insights to further develop the profession of midwifery in Germany</i> ▪ <i>formulate hypotheses</i> <p>5.3.2: Health promotion and prevention in an international context</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>reflect on the experience and knowledge of health care acquired abroad and integrate it into their professional activities</i> ▪ <i>reflect differences in prevention and health promotion depending on the care setting.</i> ▪ <i>compare and theoretically evaluate theoretical, conceptual and programmatic aspects of health promotion and prevention (national and international) as well as the relevant actors involved and their legal basis</i> ▪ <i>formulate specific target-group approaches to health promotion and prevention</i> 				
<p>Teaching content:</p> <ul style="list-style-type: none"> ▪ Presentation of the results of the research-oriented questions of the semester abroad ▪ Best Practice Models ▪ Public health ▪ Models of prevention ▪ Specific target-group approaches ▪ Digitalisation 				
Language of instruction:	English			
Participation requirements:				
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.			
Further information:				
Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
5.3.1: Health systems and midwifery in international comparison	N.N.	2	Seminar	Report (German) and

5.3.2: Health promotion and prevention in an international context	N.N.	2	Seminar	Presentation (English)
5.3.3: Module-related exercise	N.N.	1	Guided independent learning	

Module 6.1: Patient safety and self-protection – Acting professionally in midwifery work

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in semester 6	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 dates in summer semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>6.1.1: Professional conduct in midwifery - patient safety (English)</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>recognise and classify situations in which patients are at risk and take the appropriate preventive measures.</i> ▪ <i>apply and participate in the further development of near-miss reporting systems.</i> ▪ <i>deal adequately with own mistakes and insecurities in order to prevent harm to entrusted people</i> ▪ <i>analyse, evaluate and reflect on the effectiveness and quality of their professional activities on the basis of midwifery and related scientific methods, theories and research findings</i> ▪ <i>cooperate with other professional groups in the planning, organisation, implementation, control and evaluation of care processes for women and their families in the care arc</i> ▪ <i>contribute to the quality of information transfer and patient safety through timely, professional and process-oriented documentation of measures during pregnancy, birth, postpartum and breastfeeding period</i> <p>6.1.2: Professional action in midwifery - self-protection</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>deal professionally with the negative emotions and aggression of cared-for persons or their relatives</i> ▪ <i>react in a considered way to assaults</i> ▪ <i>deal with death and grief in a mindful way</i> ▪ <i>recognise their limits in emotionally stressful situations and seek adequate help</i> 			
<p>Teaching content:</p> <p>6.1.1: Professional conduct in midwifery - patient safety (English)</p> <ul style="list-style-type: none"> ▪ Classification of patient safety ▪ Error management and error culture in the German and international health care system ▪ Prevention in the field of patient safety – models from Germany and abroad ▪ Evaluation of treatment processes ▪ Quality of information transmission and patient safety <p>6.1.2: Professional action in midwifery - self-protection</p> <ul style="list-style-type: none"> ▪ Aggression and assault in the workplace, with exercises ▪ Dealing with death and grief 2, with exercises ▪ Emotions at the workplace ▪ Collegial counselling 2, supervision and case discussion, with exercises 			
Language of instruction:	German and English		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
6.1.1: Professional conduct in midwifery - patient safety (English)	N.N.	2	Seminar	Written assignment
6.1.2: Professional action in midwifery - self-protection	N.N.	2	Seminar with exercises	
6.1.3: Module-related exercise	N.N.	1	Guided independent learning	

Module 6.2: Promoting women's health and identifying female medical conditions

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in semester 6	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 dates in summer semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>6.2.1: Women's health</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>describe factors influencing women's health at the social and community level</i> ▪ <i>assess the status of women's health in the public health system in Germany and internationally</i> ▪ <i>describe the diversity of human sexuality, respect it and advise women on maintaining sexual and reproductive health</i> ▪ <i>educate women with regard to their right to self-determination, especially with regard to §218ff StGB.</i> <p>6.2.2: Diseases of women</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>describe gynaecological diseases, their symptoms and treatment options</i> ▪ <i>assist professionally in the care of women after gynaecological operations</i> ▪ <i>classify benign and malignant diseases of the breast</i> ▪ <i>understand oncological findings in the field of gynaecology</i> ▪ <i>advise on sexually transmitted diseases and their prevention</i> ▪ <i>consider findings from a woman's anamnesis in their midwifery work</i> ▪ <i>reproduce disease patterns related to reproduction</i> 			
<p>Teaching content:</p> <p>6.2.1: Women's health</p> <ul style="list-style-type: none"> ▪ Women's health: Concept and reality in Germany and internationally ▪ Importance of women's health for society ▪ Women's right to self-determination <p>6.2.2: Diseases of women</p> <ul style="list-style-type: none"> ▪ Gynaecological clinical pictures ▪ Care after gynaecological operations ▪ Sexually transmitted diseases, prevention, counselling, implications for reproduction and midwifery ▪ Disease patterns from other medical specialties with relevance for obstetrics 			
Language of instruction:	German		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
6.2.1: Women's health	N.N.	2	Seminar	Written examination 90 minutes
6.2.2: Diseases of women	N.N.	2	Seminar	
6.2.3: Module-related exercise	N.N.	1	Guided independent learning	

Module 6.3: Obstetric emergencies - interdisciplinary cooperation

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in semester 6	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 dates in summer semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			

Learning outcomes:

6.3.1: Pathologies and emergency situations within the care sheet

Upon successful completion of the module, students will be able to:

- *recognise and classify pathologies and emergencies within the care sheet.*
- *initiate appropriate medical measures and carry them out professionally in an emergency in the absence of the doctor*
- *in an emergency, perform resuscitation measures on women, new-borns and infants in accordance with guidelines*
- *perceive the needs of the woman and the other parent in emergency situations and respond to them in a situation-appropriate way*

6.3.2: Interdisciplinary cooperation

Upon successful completion of the module, students will be able to:

- *depending on the environment, weigh up how to react in emergency situations*
- *evaluate laboratory findings and understand problems in anaesthesiological care*
- *communicate securely with the interfaces*
- *in an emergency, initiate the medically necessary measures and as far as possible anticipate and prepare for the needs of the following professional group*
- *contribute through their communication to the quality of care provided by the obstetric team and in intersectoral networks*
- *develop individual, multidisciplinary and inter-professional solutions in cooperation, especially for irregular and pathological processes, and implement them in a team-oriented manner*
- *in the event of both medical and mental health crises, in hospital or out-of-hospital, have recourse to communication channels and networks known to them for support or referrals*

Teaching content:

6.3.1: Pathologies and emergency situations within the care sheet

- **Maternal obstetric emergencies**
- **Emergencies of the unborn or born child**
- **Skill training of relevant obstetric emergencies (e.g. atony, shoulder dystocia) and handling of aids and technical support**
- **Simulation of relevant obstetric emergencies (e.g. bradycardia, amniotic fluid embolism, eclampsia)**
- **Dealing with affected persons and relatives in emergency situations**

6.3.2: Interdisciplinary cooperation in medical and psychological emergencies

- **Interfaces of midwifery work clinically and extra-clinically**
- **Challenges of different settings in emergency situations (level differences clinics, non-clinical conditions and environmental factors e.g. urban-rural)**
- **Laboratory and blood bank**
- **Anaesthesia**
- **Dealing with aids and technical support**

<ul style="list-style-type: none"> ▪ Crisis intervention ▪ Incident Management ▪ Carry out resuscitation measures of mother and child in an interdisciplinary team 				
Language of instruction:		German		
Participation requirements:				
Preparation/Literature:		Current literature lists will be announced at the beginning of the semester.		
Further information:				
Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
6.3.1: Pathologies and emergencies within the care sheet	N.N.	2	Small group	Practical examination
6.3.2: Interdisciplinary cooperation in emergency situations	N.N.	2	Small group	
6.3.3: Module-related exercise	N.N.	1	Guided independent learning	

Module 6.4: Accompanying women during pregnancy and birth in the clinic – Practical Module 6

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in semester 6	Of which in-person attendance: (university-based practical training)	56h
Duration and frequency of the offer:	Once in summer semester	Of which guided independent learning (incl. guidance at the place of practice):	124h
Also applicable for following degree programmes / offers of further education:			

Learning outcomes:

Upon successful completion of the module, students will be able to:

- *carry out prenatal care in accordance with the maternity guidelines in force at the time, advise pregnant women on topics known to them and carry out necessary examinations*
- *care for high-risk pregnant women and listen to their needs*
- *use the CTG device safely and are able to monitor and diagnose immature infants and multiple pregnancies using cardiotocography*
- *participate in the medicinal induction of childbirth under supervision*
- *independently arrange a room for an upcoming birth*
- *prepare medications and apply them properly under supervision*
- *participate actively in the birth and take over initial independent tasks in caring for the baby*
- *collect vaginal findings during childbirth and assign them to the different birth phases*
- *express insecurities and call in a colleague for support*
- *assist independently in known medical activities*
- *prepare a woman in labour for a caesarean section or other surgical procedures in accordance with the applicable standard of care*
- *participate in placental and post-placental activities and apply the appropriate skills under supervision.*
- *carry out the initial examination of the new-born after birth, make the necessary findings and carry out prophylaxis in consultation with the parents*
- *support bonding under guidance*
- *document professionally and appropriately*

Teaching content:

- **Pregnancy counselling, prenatal care and examinations**
- **Monitoring of mother and child in high-risk pregnancies and assistance with medical procedures**
- **CTG application and evaluation, also for pregnant women in the 2nd trimester and for multiple pregnancies**
- **Observation and support of the birth mother and the other parent**
- **Performing inductions of labour**
- **Preparing obstetric measures in the delivery room**
- **Preparation and administration of medication under guidance and supervision**
- **Active participation in births**
- **Vaginal findings to assess the progress of the birth and to check the position of the child**
- **Participation in special births (e.g. Gemini, breech presentation)**
- **Preparation and assistance in medical interventions**
- **Preparation for caesarean section and other surgical interventions, skill training in catheter placement**
- **Support in obstetric emergencies according to the level of knowledge**
- **Management of the postpartum period under supervision**
- **Postpartum monitoring of the woman in childbed and the new-born baby**

<ul style="list-style-type: none"> ▪ Examination of the new-born, carrying out prophylactics ▪ Breastfeeding support ▪ Promotion of the parent-child relationship ▪ Documentation 				
Language of instruction:		German		
Participation requirements:				
Preparation/Literature:		Current literature lists will be announced at the beginning of the semester.		
Further information:				
Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
6.4.1 Work-based learning - accompanying women during pregnancy and birth in the clinic	N.N.	2	Practical support: work-based learning	Case study
6.4.2 Work-related learning - accompanying women during pregnancy and birth in the clinic	N.N.	2	Practical support: work-related learning and skill training	

Module 6.5: Caring for new-borns and their mothers in the clinical puerperium – Practical module 7

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in semester 6	Of which in-person attendance: (in the frame of university supervision of practical training):	56h
Duration and frequency of the offer:	Once in summer semester	Of which guided independent learning (incl. guidance at the place of practice):	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>carry out the postpartum care of mother and child reserved for midwives in a professional manner for the benefit of mother and child.</i> ▪ <i>apply the rules of hygiene and provide appropriate information to women in childbed and their visitors on hygienic behaviour in the postpartum period and in the clinic</i> ▪ <i>carry out general nursing measures for women in childbed</i> ▪ <i>record, diagnose and take appropriate measures in respect of postpartum findings (breast, involution, lochia)</i> ▪ <i>assess and support lactation processes and guide the woman in labour to breastfeed.</i> ▪ <i>help mothers to produce breast milk</i> ▪ <i>advise and guide women in childbirth who are not breastfeeding on how to feed their baby.</i> ▪ <i>advise and support women in primary, secondary, conservative or medication weaning.</i> ▪ <i>care for the healthy and sick new-born/the healthy and sick infant</i> ▪ <i>respond to complaints, ascertain differential diagnostic findings and help to alleviate them</i> ▪ <i>recognise irregular and pathological conditions in mother and child in the puerperium and initiate necessary measures</i> ▪ <i>inform about screening measures of the new-born and carry them out professionally</i> ▪ <i>counsel families in psychosocially complex situations and provide them with support services</i> ▪ <i>avert danger to mother and child</i> ▪ <i>conduct final interviews in the early and late postpartum period in a professional manner</i> 			
<p>Teaching content:</p> <ul style="list-style-type: none"> ▪ Monitoring and care of women in childbed and new-borns in both regular and irregular cases ▪ Diagnostics in case of abnormalities of mother or child ▪ Treatment planning during the postpartum period ▪ Assistance with medical procedures ▪ Examinations and diagnostics of the healthy, endangered or sick new-born/infant, also invasive measures such as blood glucose measurement, new-born screening, blood sampling, phototherapy ▪ Independent instruction of the woman in labour for self-care and for the care of the new-born/infant ▪ Support for parents whose child is in need of intensive care, including the collection of breast milk ▪ Counselling for parents with sick new-borns/infants ▪ Monitoring and care of vulnerable/intensive-care women in childbed ▪ Dealing with families in difficult circumstances ▪ Cooperation with the psychosocial service, therapists, and other experts ▪ Conduct final and discharge interviews in the clinic 			
Language of instruction:	German		
Participation requirements:			

Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.			
Further information:				
Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
6.5.1 Work-based learning - caring for new-borns and their mothers in the clinical puerperium	N.N.	2	Practical support: work-based learning	Written examination 90 minutes
6.5.2 Work-related learning - caring for new-borns and their mothers in the clinical puerperium	N.N.	2	Practical support: work-related learning and skill training	

Module 7.1: Compulsory elective module

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in semester 7	Of which in-person attendance:	56h
Duration and frequency of the offer:	14 dates in winter semester	Of which guided independent learning:	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>After successful completion of the module, students will be able to integrate competences, skills and knowledge from the interdisciplinary discourse into their work as midwives. They are able to further develop their profession and deepen the ability to incorporate newly acquired knowledge in their practical work.</p>			
<p>Teaching content:</p> <p>Projects for gaining additional interdisciplinary or in-depth knowledge are worked on and presented by students. Here especially from the subject areas:</p> <ul style="list-style-type: none"> - Methods of working with families - Self-perception and perception by others - Laws promoting life with children - Psychology - Sociology - Professional advice - Pedagogy and didactics in adult education - Prenatal diagnostics and ultrasound diagnostics - Content, organisation and legal basis of relevant institutions, e.g.: Central Reception Centre for Asylum Seekers and Refugees, Women's Shelters, Mother and Child Facilities, Family Midwives, Counselling Centre for Pregnancy and Prenatal Diagnostics, Pro Familia - Working in self-employment: microeconomics, business planning, QM, marketing, relevant professional laws <p>Upon consultation, it is possible to undertake excursions and practical training, to attend suitable events from other degree programmes or to organise practical days.</p>			
Language of instruction:	German		
Participation requirements:			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.		
Further information:			

Related courses

Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
7.1.1: Compulsory elective module	N.N.	4	Project	Project work
7.1.2: Module-related exercise	N.N.	1	Guided independent learning	

Module 7.2: Insight into the neonatal intensive care unit and gynaecological operations- Practical Module 8

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	6 ECTS	Total workload:	180h
Module type in this programme	Compulsory module in semester 7	Of which in-person attendance: (in the frame of university supervision of practical training):	56h
Duration and frequency of the offer:	Once in winter semester	Of which guided independent learning (incl. guidance at the place of practice):	124h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>7.2.1: Observation in the neonatal intensive care unit</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ orientate themselves in the work area of neonatal intensive care or emergency care and integrate themselves in a role-appropriate manner ▪ assist in the care and emergency care of new-borns, premature and sick infants and transfer this knowledge and skill to obstetric situations. ▪ when dealing with parents, take into account their knowledge of specific clinical patterns and courses of diseases affecting premature infants, new-borns at risk and sick infants ▪ understand the specialist documentation of findings and use this as a source of information ▪ understand organisational structures of care teams and integrate into the team <p>7.2.2: Gynaecological ward and operations</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ classify gynaecological diseases and operations from the history of pregnant or childbearing women in a professional manner ▪ care for women with gynaecological conditions under supervision and in a manner appropriate to the situation ▪ participate in pre- and post-operative preparation and care. ▪ perceive or anticipate the needs of patients and their companions and communicate appropriately and participate in their preparation for surgery. ▪ take over the bedding, positioning and transporting of patients ▪ understand workflows and processes in the operating theatre and behave appropriately ▪ comply with the requirements for hygienic and sterile behaviour in the operating theatre area ▪ participate in the procedures in connection with obstetric interventions in the operating theatre area in a professionally competent manner 			
<p>Teaching content:</p> <p>Field of study 1: Observation in the neonatal intensive care unit</p> <ul style="list-style-type: none"> ▪ Orientation in the work area of neonatal intensive care and emergency care ▪ Introduction to the subject-specific documentation of findings ▪ Care, monitoring and nursing of premature and sick new-borns ▪ Hygiene in high-risk areas ▪ Nursing and medical measures of the neonatal intensive care unit ▪ Involving parents in the care of the child ▪ Concepts for bonding under difficult conditions ▪ Breastfeeding and artificial feeding of infants in need of intensive care <p>Field of study 2: Gynaecological ward and operations</p> <ul style="list-style-type: none"> ▪ Care for women with gynaecological conditions 			

<ul style="list-style-type: none"> ▪ Fears and needs of women with gynaecological conditions in hospital ▪ Specific procedures in the operating room ▪ Sterile work ▪ Preparation and assistance for surgical procedures ▪ Postoperative monitoring of patients ▪ Bedding, positioning and transporting patients ▪ Disinfection and sterilization ▪ Needs of patients and their relatives before and after surgery ▪ Care after surgery 				
Language of instruction:		German		
Participation requirements:				
Preparation/Literature:		Current literature lists will be announced at the beginning of the semester.		
Further information:				
Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
7.2.1 Work-based learning - insight into the neonatal intensive care unit and gynaecological operations	N.N.	2	Practical support: work-based learning	Report
7.2.2 Work-related learning - insight into the neonatal intensive care unit and gynaecological operations	N.N.	2	Practical support: work-related learning and skill training	

Module 7.3: Accompanying women during birth in the clinic and managing physiological births- Practical Module 9

Module supervisor:	Prof. Dr. Barbara Baumgärtner		
ECTS credits:	18 ECTS	Total workload:	540h
Module type in this programme	Compulsory module in semester 7	Of which in-person attendance (in the frame of university supervision of practical training):	168h
Duration and frequency of the offer:	Once in winter semester	Of which guided independent learning (incl. guidance at the place of practice):	372h
Also applicable for following degree programmes / offers of further education:			
<p>Learning outcomes:</p> <p>Upon successful completion of the module, students will be able to:</p> <ul style="list-style-type: none"> ▪ <i>develop a birth plan together with the woman giving birth and the other parent</i> ▪ <i>independently carry out the management of the active birth phase during physiological progress and apply the appropriate hand movements</i> ▪ <i>participate in the management of the active birth phase in complex situations and pathological course under guidance and apply the appropriate skills</i> ▪ <i>recognise needs of childbearing women and accompanying persons in complex situations and participate in birth support activities</i> ▪ <i>systematically collect vaginal examination findings</i> ▪ <i>address pain during childbirth and make scientifically sound suggestions to the woman giving birth on how to proceed</i> ▪ <i>also care for pregnant women with irregularities in the birth process and monitor them according to guidelines</i> ▪ <i>formulate suggestions to positively change rule violations or prevent further progression.</i> ▪ <i>recognise the boundary between irregular and pathological courses and call in additional help</i> ▪ <i>cooperate with midwives and obstetricians in case of deviations from the physiological process</i> ▪ <i>draw on aspects of relationship orientation and empowerment and integrate these into their actions towards women</i> ▪ <i>under guidance, inform the parents about deviations in the birth process</i> ▪ <i>be actively involved in supporting the midwife, the birthing mother and the other parent.</i> ▪ <i>create a professional episiotomy if necessary</i> ▪ <i>carry out surgical wound care under supervision</i> ▪ <i>systematically ascertain and assess the condition of the new-born, the condition of the placenta and the classification of birth injuries that have occurred</i> ▪ <i>assist in neonatal emergencies</i> ▪ <i>independently document the course of birth and the findings in a factual and professionally correct manner and ask a midwife for support in case of uncertainty</i> ▪ <i>in particular, formulate processes and interrelationships orally and in writing using correct technical language</i> ▪ <i>prepare and carry out handover to the following shift</i> 			
<p>Teaching content:</p> <ul style="list-style-type: none"> ▪ Monitoring and care of pregnant women with irregularities in the birth process 			

<ul style="list-style-type: none"> ▪ Monitoring and care of vulnerable childbearing women ▪ Planning of obstetric measures ▪ Conducting physiological births independently ▪ Recognising irregularities in the phases of birth, developing a plan of action, discussing it with the woman giving birth and the accompanying person and instructing them accordingly. ▪ Recognising pathologies, giving professional birth management, preparation and assistance of medical measures ▪ Valid guidelines of the professional societies ▪ CTG recordings according to the currently valid guideline ▪ Factually, professional and comprehensive documentation ▪ Performance of episiotomies ▪ Care of birth injuries ▪ Medical assistance in neonatological problem situations ▪ Integration of the previously acquired competencies into independent action as a midwife ▪ Reflecting on one's own actions ▪ Assumption of responsibility ▪ Organisation of the obstetric team ▪ Handovers in the midwifery team ▪ Communication with the interfaces 				
Language of instruction:		German		
Participation requirements:				
Preparation/Literature:		Current literature lists will be announced at the beginning of the semester.		
Further information:				
Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
7.3.1. Work-based learning - accompanying women in labour in the clinic and managing physiological births	N.N.	6	Practical support: work-based learning	Written examination 240 minutes
7.3.2 Work-related learning - accompanying women in labour in the clinic and managing physiological births	N.N.	6	Practical support: work-related learning and skill training	This examination is part of the state examination in accordance with the HebStPrV as amended.

Module 8.1: Bachelor's thesis				
Module supervisor:	Prof. Dr. Barbara Baumgärtner			
ECTS credits:	12 ECTS	Total workload:	360h	
Module type in this programme	Compulsory module in semester 8	Of which in-person attendance:	56h	
Duration and frequency of the offer:	14 dates in summer semester	Of which guided independent learning:	304h	
Also applicable for following degree programmes / offers of further education:				
Learning outcomes:				
Upon successful completion of the module, students will be able to:				
<ul style="list-style-type: none"> ▪ <i>formulate their own research concerns and work on them in the form of a complex, literature-based survey paper (Bachelor's thesis)</i> ▪ <i>contribute to the further development and establishment of midwifery science</i> ▪ <i>present the results of their research-based questions</i> ▪ <i>classify the relevance of the results</i> ▪ <i>further establish midwifery science</i> 				
Teaching content:				
<ul style="list-style-type: none"> ▪ Merging and networking of the study contents ▪ Formulation of hypotheses ▪ Development of one's own research concerns ▪ General conditions in the scientific community ▪ Writing of a scientific thesis at bachelor level ▪ Prepare presentation of research results 				
Language of instruction:	German			
Participation requirements:				
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.			
Further information:				
Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
8.1: Bachelor's thesis	N.N.	4	Bachelor thesis	Bachelor's thesis

Module 8.2: Conducting Physiological Births – Practical Module 10

Module supervisor:	Prof. Dr. Barbara Baumgärtner			
ECTS credits:	18 ECTS	Total workload:	540h	
Module type in this programme	Compulsory module in semester 8	Of which in-person attendance (in the frame of university supervision of practical training):	168h	
Duration and frequency of the offer:	Once in summer semester	Of which guided independent learning (incl. guidance at the place of practice):	372h	
Also applicable for following degree programmes / offers of further education:				
<p>Learning outcomes:</p> <p>Students will be able to integrate their acquired competences from modules 1.1-7.5 into their actions as midwives and thus support women, children and the other parent. In doing so, they examine, monitor, protect and advise them competently on their individual path through pregnancy, birth and the postpartum period. Students can recognise occurrences of irregularities and develop and suggest measures to improve the situation. They are able to recognise pathologies, to call in subsequent professional groups in a professional manner and to change roles from responsible midwife to assistant in accordance with the situation. In all situations, the students have the needs of the parents and the child in mind and can communicate with them adequately and support them in their self-efficacy. The support of the couple on the path to parenthood is an important concern for the student, which is evident in their actions. In examination situations, the student is able to demonstrate the competences described above.</p>				
<p>Teaching content: Expand and deepen teaching content</p> <ul style="list-style-type: none"> ▪ Integration of the previously acquired competencies into independent action as a midwife ▪ Consolidation of reflected midwifery practice ▪ Assumption of the role of midwife ▪ Application of the acquired competences also in demanding situations ▪ Verification of the ability to work independently as a midwife 				
Language of instruction:	German			
Participation requirements:	See currently valid examination regulations			
Preparation/Literature:	Current literature lists will be announced at the beginning of the semester.			
Further information:				
Related courses				
Title of the course	Teaching	SCH	Teaching and learning methods	Forms, scope and duration of examinations
8.2.1 Work-based learning - Conducting physiological births	N.N.	6	Practical support: Work-based learning	Oral examination and Practical examination
8.2.2 Work-related learning - Conducting physiological births	N.N.	6	Practical support: work-related learning	These examinations are components of the state examination in accordance with the HebStPrV as amended.