UNIVERSITÄT ZU LÜBECK

Module Guide for the Study Path

Bachelor Midwifery 2020

Version from 7. April 2026

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GW1000-KP05, PF1000-KP05 - Fundamentals and Methods in Health Sciences (PWI)

Duration:	Turnus of offer:	Credit points:
2 Semester	each winter semester	5

Course of study, specific field and term:

- Bachelor Applied Nursing (part-time) 2022 (compulsory), nursing science, 3rd and 4th semester
- Bachelor Occupational Therapy/ speech therapy 2022 (compulsory), scientific basics and methods, 1st and 2nd semester
- Bachelor Midwifery 2021 (compulsory), Scientific theory and practice, 1st and 2nd semester
- Bachelor Midwifery 2020 (compulsory), health sciences, 1st and 2nd semester
- Bachelor Physiotherapy 2022 (compulsory), Scientific theory and practice, 1st and 2nd semester
- Bachelor of Science in Nursing 2020 (compulsory: aptitude test), nursing science, 1st and 2nd semester
- Bachelor of Science in Nursing 2018 (compulsory: aptitude test), nursing science, 1st and 2nd semester
- Bachelor Physiotherapy 2018 (compulsory), Scientific theory and practice, 1st and 2nd semester
- Bachelor of Science in Nursing 2017 (compulsory: aptitude test), nursing science, 1st and 2nd semester
- Bachelor Midwifery 2017 (compulsory), health sciences, 1st and 2nd semester
- Bachelor Occupational Therapy 2018 (compulsory), scientific basics and methods, 1st and 2nd semester
- Bachelor Physiotherapy 2016 (compulsory), Scientific theory and practice, 1st and 2nd semester

Classes and lectures:

- scientific fundamentals and methods 1 (lecture, 1 SWS)
- scientific fundamentals and methods 2 (lecture, 1 SWS)
- scientific fundamentals and methods 1 (exercise, 1 SWS)
- scientific fundamentals and methods 2 (exercise, 1 SWS)

Workload:

- 90 Hours private studies
- 60 Hours in-classroom work

Contents of teaching:

- Health professions as a scientific discipline and types of knowledge in this field
- Fundamentals and methods of evidence-based practice (EbP)
- Quality characteristics and methods of scientific work
- Research approach (primary/secondary research, qualitative/quantitative) and research design in terms of the knowledge of interest
- PICOD scheme and formulation of relevant questions for systematic literature search and/or scientific investigations
- Setup and functional principles of resources for researching scientific information (library systems, electronic databases, types of scientific literature, bibliographic terminology)
- Development of research strategies for systematically searching electronic literature databases (e.g., Medline, CINAHL)
- Researching literature systematically via an electronic database, including saving, presenting, and selecting the findings
- Professional obligation of lifelong learning, methods of individual knowledge aptitude and competence building
- Methodology of problem-oriented learning (POL)
-

Qualification-goals/Competencies:

- Knowledge transfer: you know and comprehend the fundamentals and principles of evidence-based practice and health care. You are aware of the resulting requirements for application of research-based knowledge on your own professional acting.
- Knowledge transfer: you know and comprehend the characteristics and principles of scientific work. You know and comprehend the process and key quality criteria for generating scientific knowledge through research.
- Knowledge transfer: you gain an overview of diverse approaches and designs of empirical research, and have a preliminary understanding of the research design s dependence on the knowledge of interest.
- Knowledge transfer: you know and comprehend the necessity of continuous and responsible self-directed learning of the fundamentals of professional nursing.
- Knowledge transfer: you know and comprehend the POL methodology.
- Knowledge transfer: you learn about various resources and paths to search scientific literature (university library, common electronic databases), and are familiar with their functional principles and bibliographic terminology.
- Knowledge transfer and immersion: you know and comprehend the resources and methods to conduct a systematic search of scientific literature, especially in electronic databases.
- Systemic competency: you are capable of relating your knowledge and comprehension of scientific fundamentals and methods to your own professional acting.
- Application and systemic competency: you can independently search scientific literature in libraries and databases.
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Grading through:

- Written report

Is requisite for:

- Journal Club Occupational Therapy/Speech and Language Therapy (GW2640-KP06)
- Qualitative Research for Therapy Sciences (GW2003-KP05)
- Quantitative Research for Therapy Sciences (GW2002-KP05)
- Research Methods I (GW2000-KP05, PF2000)

Responsible for this module:

- Prof. Annette Baumgärtner, PhD

Teacher:

- Institute of Health Sciences

- Prof. Dr. Kerstin Lüdtke
- Prof. Dr. Katharina Röse
- Prof. Dr. rer. medic. Katja Stahl
- Prof. Annette Baumgärtner, PhD
- Prof. Dr. Marina Weckend
- Prof. Dr. Katharina Silies
- Prof. Dr. Katrin Balzer
- PD Annette Fox-Boyer, PhD
- PD Dr. rer. hum. biol. Tibor Szikszay
- PD Dr. Jana Zang
- Marie Jacob, M.Sc.
- Andere Dozenten

Literature:

- Behrens J & Langer G (2010): Evidence-based Nursing and Caring - Huber, 3rd edition, revised and expanded

Language:

- offered only in German

Notes:

Admission requirements for taking the module:
- None

Admission requirements for participation in module examination(s):
- Successful completion of exercises as specified at the beginning of the semester.
- Active participation in the exercises in small groups as specified at the beginning of the semester.

Module Exam(s):
- GW1000-L1 Fundamentals and Methods of Health Sciences, written paper, 100% of the module grade

The acquired competencies correspond to the competence area II according to Annex 1 of the HebStPrV.

The exercises are carried out in small groups (approx. 20 people).

GW1040-KP09 - Core elements of professional obstetric care 1 (KeGH1)

Duration:	Turnus of offer:	Credit points:	Max. group size:
2 Semester	each winter semester	9	20

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory: aptitude test), Physiology of obstetrics, 1st and 2nd semester
- Bachelor Midwifery 2017 (compulsory: aptitude test), Physiology of obstetrics, 1st and 2nd semester

Classes and lectures:

- Core elements of professional obstetric actions 1 (lecture, 4 SWS)
- Core elements of professional obstetric actions 1 (exercise, 3 SWS)
- Core elements of professional obstetric actions 1 (seminar, 2,5 SWS)

Workload:

- 142 Hours in-classroom work
- 128 Hours private studies

Contents of teaching:

- Anatomical and physiological changes during pregnancy
- Physiology of the birth process, birth mechanics and dynamics; women s birth behaviour, respiration, and positions sub partum; inhibiting and beneficial factors on the birth process, pain management
- obstetric anamnesis, diagnostic and therapeutic measures (e. B. perineal protection measures, delivery of the child, CTG, abdominal and vaginal examination)
- Hygiene policies (regulations) at birth
- Significance of pregnancy, childbirth, postpartum period, and early parental leave
- Experiencing the comprehensive phases of life from the women`s and family s point of view
- The role of the midwife as primary care provider in the life phases; hospital and non-hospital midwifery actions in the context of pregnancy, at birth and in the postpartum period
- Counselling on pregnancy discomforts
- Physiology of pregnancy (embryology, development of embryo/ foetus and course of pregnancy)
- Therapeutic and diagnostic methods of external examination and their tactile and manual skills to assess the course of pregnancy (abdominal girth, symphysis-fundus distance, and Leopold manoeuvres) as well as the pelvic measurement.
- Specific obstetric relevant anatomy and physiology
- Physiological birth supervision and -care by midwife
- Therapeutic and diagnostic methods as well as their tactile and manualskills to assess the course of pregnancy (birth positions, palpation of contractions, vaginal examination)
- Sub-partum and postpartum monitoring of the well-being of mother and child (Apgar, respiratory tract, umbilical cord cut)
- Support with the early parenting phase with the help of bonding
- Primary care of the new-born, U1
- The physiological postpartum period: support and observation of physiological extragenital and genital reconstitution processes
- Care, handling, and provision of a healthy and mature new-born
- Physiology of lactation, breastfeeding and nutrition in the first weeks of life
- Interdisciplinary cooperation and support of medical activities in the postpartum period

Qualification-goals/Competencies:

- Broadened knowledge: Students have current comprehensive professional knowledge on physiological histories of pregnancy, birth and postpartum period and neonatal period as well as the early parental phase Sphere of competence I
- Broadened knowledge: They know the current state of research in these physiological phases and have the necessary supportive and promotional skills to strengthen physiology. Sphere of competence I
- Broadened knowledge: Students correctly define the demarcation to the pathological trajectories of the life phases and the limit of their independent midwifery field. They have basic knowledge of the importance of ethical, social, religious, and cultural contexts of families. Sphere of competence III
- Broadened knowledge: Students are able to assess and evaluate specific obstetric situations. They understand a comprehensive medical anamnesis and derive a needs-oriented treatment plan. Sphere of competence I
- Broadened knowledge: They continuously evaluate the scope of care of the life phases of the woman and child and lead appropriately evidence-based interventions. Sphere of competence II
- Instrumental skills: Students carry out obstetrically relevant diagnostics and conduct an adequate assessment and consequential measures. Sphere of competence II
- Systemic competences: Students advise families and women on an evidence-based and competent manner and take into account the

ethical, religious, social and cultural background of the families in their provision and counselling. Sphere of competence III
- Communicative competences: They critically question the current standards and guidelines in the sense of evidence-based mother/child-care. Sphere of competence IV
- Communicative competences: They are aware of the importance of empathic and needs-based communication in the most diverse care situations of women and families, as well as the coordinated, appropriate language on a cooperative level.

Grading through:

- Poster

Responsible for this module:

- Prof. Dr. Ruth Martis, PhD

Teacher:

- Institute of Health Sciences
- Prof. Dr. Ruth Martis, PhD

Literature:

- Stiefel A, Geist C, Harder U: Hebammenkunde. Lehrbuch für Schwangerschaft, geburt, Wochenbett und Beruf - 5., überarbeitete und erweiterte Auflage. Hippokrates: Stuttgart 2013
- Mändle C, Opitz-Kreuter S: Das Hebammenbuch. Lehrbuch der praktischen Geburtshilfe - 6. Auflage. Schattauer-Verlag: Stuttgart 2015
- Gruber P et al.: CTG - verstehen, bewerten, dokumentieren - 4. Auflage. Elwin Staude Verlag: Hannover 2016
- Deutscher Hebammenverband: Schwangerenvorsorge durch Hebammen - 3., überarbeitete und erweiterte Auflage. Hippokrates verlag: Stuttgart 2014
- Harder U: Wochenbettbetreuung in der Klinik und zu Hause - 4., aktualisierte Auflage. Hippokrates Verlag: Stuttgart 2015
- Fischer H: Atlas der Gebärhaltungen - 2., aktualisierte Auflage. Hippokrates Verlag: Stuttgart 2007

Language:

- offered only in German

Notes:

Requirements for admission to the module:
-none

Requirements for admission to the examination:
-oral examination reflection on a specific case (B)

Module examination:
GW1040 poster and presentation of the poster. The examination performance shall count as approved if the evaluation is totalled with an sufficient .

GW1140-KP07 - Care fundamentals, diagnostics and therapy (PfGDT)

Duration:	Turnus of offer:	Credit points:
2 Semester	each winter semester	7

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Pregnancy care, mother-child health and women\'s health, 1st and 2nd semester
- Bachelor Midwifery 2017 (compulsory: aptitude test), Pregnancy care, mother-child health and women\'s health, 1st and 2nd semester

Classes and lectures:

- GW1141-V: Introduction to evidence-based carepractice Basic measures of care diagnostics and intervention 1 (lecture, 1,5 SWS)
- GW1142-V: Introduction to evidence-based care practice Basic measures of care diagnostics and intervention 2 (lecture, 1,5 SWS)
- GW1140-S: Care fundamentals diagnostic and therapy (seminar, 1 SWS)
- GW1141-Ü: General basic measures of care diagnostics and intervention 1 (exercise, 1,5 SWS)
- GW1142-Ü: General basic measures of care diagnostics and intervention 2 (exercise, 1,5 SWS)

Workload:

- 105 Hours in-classroom work
- 105 Hours private studies

Contents of teaching:

- Definitions and constitutive characteristics of the terms care indigence, care dependency and care requirement
- Steps of the care process
- Introduction to methods of care diagnostics (information resources, survey methods, relevant classifications)
- Methods of register needs of support in everyday activities in general.
- Indications for and adequate implementation of care and obstetric measures to support in the above-cited areas life activities, in particular taking into account individual needs and preferences and hygiene requirements
- Clinical significance and methods of vital signs monitoring
- First aid (measures of basic life support)
- In-depth study: Transfer of the contents to and application in midwifing (e. g. postpartum period, pregnancy, extended fields of action)
- Clinical estimation and assessment instruments, definitions, and requirements from the perspective of evidence-based diagnostics
- Care interventions and care-related medical devices (auxiliaries) to support people in need of care in general and specifically related to obstetrics
- Definition and classification of medical products or medical technical devices and requirements for the use from a technical and legal point of view (with a focus on technically simple medical devices)
- Function and scope of application of frequently used obstetric medical devices
- Performance of frequent medical-nursing procedures (e. g. bandages, wound treatment, injections, drainage, bladder catheter and nutritional support)
- Scopes of application, implementation steps, requirements for safe, non-complicated implementation, potential non-desirable effects, or complications
- Care systems (inpatient and outpatient)
- The principle of economic efficiency in care trade
- Interdisciplinarity and intercourse with relatives and families
- Admission and discharge management
- Adequate handling of auxiliary means and examination resources

Qualification-goals/Competencies:

- Broadened knowledge:
- Students have general basic knowledge about the origin and progression of diseases. They are able to identify functional correlations and to trace back physical responses to possible causes. Sphere of competence I
- Students have acquired basic knowledge of selected organ systems. Sphere of competence I
- They are familiar with the measures for vital signs monitoring and basic life support and comprehend those. Sphere of competence I
- In-depth knowledge:
- Students have relevant knowledge in the field of gynaecological diseases and their possible effects on sexuality, pregnancy, and childbirth. They are familiar with disease pattern that affect pregnancy, childbirth and the postpartum period and influence their course. They take a critical look at women-specific diseases and their influencing factors. Sphere of competence I

- Students are able to explain pre- and post-operational and conservative care measures and to transfer them on obstetrical based situations. Sphere of competence I
- They identify important observational features and observational methods to assess the requirement of assistance in the field of life activities especially of pregnant women, women in labour and new-borns and can explain them. Sphere of competence I
- They are able to derive the specific requirements for the selection and implementation of care measures for the support of pregnant women, women in labour, new-borns. Sphere of competence I
- Broadened knowledge/in-depth knowledge:
- Students are able to illustrate the requirements of care / obstetric assessment instruments and other (care) diagnostic procedures from the point of view of evidence-based diagnostics. Sphere of competence I and II
- Instrumental competences:
- Students are able to implement basic organizational, care, diagnostic and therapeutic knowledge to support care and supervision of inpatients, women in labour and women in the postpartum period. Sphere of competence I
- Students can apply basic care skills and transfer them to obstetric situations. Sphere of competence I
- They are able to identify important information about the individual needs of support of pregnant women, women in labour, women in the postpartum period and new-borns. They are able to respond to the individual needs, habits, and preferences of those affected and to take them into account in their assessment of the needs required. Sphere of competence I
- They are able to use appropriate instruments to assure quality and comply with all measures relating to occupational safety, accident prevention, compliance with hygiene regulations and protection of the environment. Sphere of competence I
- They can independently monitor vital signs safely and accurately and master basic first aid measures. In doing so, they may take into account the applicable documentation requirements and hygiene guidelines. Sphere of competence I
- They are able to perform frequent medical-care measures such as bandages or wound treatment, injections (s.c., i.m.), drainage and bladder catheter supply under simple practice conditions. Sphere of competence I
- Instrumental and systematic competences:
- Students are able to identify clinically and/or ethically challenging situations in nursing care of above-mentioned groups of people and are able to identify relevant conditional factors as well as adapt possible appropriate strategies accordingly to their actions. In doing so, they respect the limits of their own responsibilities and competences and derive individual learning objectives and strategies for the further development of one s own knowledge and skills in order to manage future care situations professionally and occupational appropriately. Sphere of competence I
- Systematic competences:
- Students can obtain information in the field of health and disease-related life situations in the reproductive life phase and are able to evaluate those to respond scientific questions in the context of midwife actions. Sphere of competence II

Grading through:

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Responsible for this module:

- Prof. Dr. Katrin Balzer

Teacher:

- Institute of Health Sciences
- Institute for Social Medicine and Epidemiology - Section for Research and Teaching in Nursing

- Prof. Dr. Katrin Balzer
- Prof. Dr. rer. medic Christiane Schwarz

Literature:

- Goerke, K.; Junginger, C.: Pflege konkret Gynäkologie Geburtshilfe - 4. Auflage. Urban und Fischer, München 2010
- Kirschnik, O.: Pflegetechniken von A-Z. Thieme, Stuttgart 20
- Schmidt, S.: CTG-Praxis: Grundlagen und klinische Anwendung der Kardiotokografie - Thieme, Stuttgart 2013

Language:

- offered only in German

Notes:

Requirements for admission to the module:
-none

Requirements for admission to the examination:
-oral examination reflection on a specific case (B)

Module examination:
GW1140 Care fundamentals, diagnostics, and therapy (OSCE)

GW1310-KP06 - Biomedical fundamentals of physical and mental health 1 (BIG1)

Duration:	Turnus of offer:	Credit points:
1 Semester	each winter semester	6

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Human scientific and legal foundations, 1st semester
- Bachelor Midwifery 2017 (compulsory: aptitude test), Human scientific and legal foundations, 1st semester

Classes and lectures:

- GW1310-V: Fundamentals of physiology for health care professions (lecture, 2 SWS)
- GW1311-V: Fundamentals of chemistry and biology for midwives and delivery nurses (lecture, 1,5 SWS)
- GW1300-V: Fundamentals of general and evolutional psychology (lecture, 2 SWS)
- GW1310-S: Seminar endocrinology (seminar, 0,5 SWS)

Workload:

- 98 Hours private studies
- 82 Hours in-classroom work

Contents of teaching:

- Fundamentals of physiology: Functions of all human organs and organ systems, including different tissue types.
- Specialist Physiology: Endocrinology
- Fundamentals of evolutional and cell biology
- Occupational Biology: Embryology, Embryonic Development
- Occupational chemistry
- Fundamentals of general and evolutional psychology

Qualification-goals/Competencies:

- Knowledge broadening:
- The students have acquired basic medical knowledge and have a basic bio-scientific foundation.
- The students have acquired basic biological knowledge. They can define basic concepts of (molecular) genetics and describe relevant aspects of evolutional and cell biology.
- Students have knowledge of occupational chemistry (e. g. pH value, acid-base balance, diffusion, and osmosis)
- Students know and understand often-received psychological theories about human evolution and behaviour.
- Students have basic knowledge of evolutional psychology and pedagogics.
- Students have acquired basic medical knowledge and basic knowledge of physiology.
- In-depth knowledge:
- Students are able to link biological processes of the body and to study different subject-specific examples to explain. They can identify the factors that lead to diseases and are able to justify the need of preventive-medical measures.
- Students are able to learn about functional correlations in the human body in physiological processes and to discuss biochemical processes on a cellular level based on the obstetric context.
- Students are able to interpret the biological and chemical fundamentals in the context of their professional actions and establish subject-specific correlations.
- Students have an in-depth knowledge of evolutional theories and evolutional styles and are able to use them to discuss profession-specific issues.
- Students are able to discuss morphological and functional correlations in the human body during physiological processes based on obstetric context.

Grading through:

- written exam

Responsible for this module:

- Prof. Dr. rer. nat. Kristina Kusche-Vihrog

Teacher:

- Institute for Biology
- Institute for Social Medicine and Epidemiology - Section for Research and Teaching in Nursing
- Institut of Physiology

- PD Dr. rer. nat. Kai-Uwe Kalies

- Prof. Dr. Katrin Balzer
- Dr. Benedikt Fels
- Dr. rer. nat. Friederike Kosyna
- Dr. rer. nat. Thomas Hellwig-Bürgel

Literature:

- Menche, N.: Biologie, Anatomie, Physiologie - 7. Auflage, Urban und Fischer Verlag, München 2012
- Bannwarth, H.; Kremer, B.P.; Schulz, A.: Basiswissen Physik, Chemie und Biochemie - Springer Verlag, Heidelberg 2013
- Gerrig R J, Zimbardo P G: Psychologie - 18., aktualisierte Auflage. Pearson: München 2008
- Myers D G: Psychologie - 2. Auflage. Springer Verlag: Heidelberg, Berlin 2008
- Urban und Fischer: Hygiene für Pflegeberufe - 5. Auflage, Elsevier, München 2015
- Kayser, F., Böttger, E.C.; Zinkemagel, R.M.: Taschenbuch Medizinische Mikrobiologie - 10. Auflage, Thieme, Stuttgart 2005
- Kramer, A.; Daeschlein, G., Chergin, B.; Wagenvoort H.: Hygiene, Prüfungswissen für Pflege und Gesundheitsfachberufe - 2. Auflage, Urban und Fischer, München

Language:

- offered only in German

Notes:

Requirements for admission to the module:
-none

Requirements for admission to the examination:
-none

Module examination:
GW1310-L1 written exam, 90 min. The examination shall be approved if the evaluation is totalled with an sufficient .

In this module, students acquire the necessary knowledge from biomedical teaching contents, which is necessary for the exercise of competences I and II of the HebStPV in obstetric care contexts. For this purpose, the corresponding component of a fundamental scientific understanding of human biology is being build.

GW1550-KP08 - Basic module obstetric, neonatological and gynaecological diagnosis and intervention 1 (BageDI1)

Duration:	Turnus of offer:	Credit points:
1 Semester	each winter semester	8

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory: aptitude test), Practical obstetrics and neonatology, 1st semester
- Bachelor Midwifery 2017 (compulsory: aptitude test), Practical obstetrics and neonatology, 1st semester

Classes and lectures:

- GW1550-BP: Basic module obstetric, neonatological and gynaecological diagnosis and intervention 1 (exercise, 0,4 SWS)

Workload:

- 231 Hours integrated internship hours
- 6 Hours in-classroom work
- 3 Hours private studies

Contents of teaching:

- Basic care and care measures for vital functions, including vital signs of mother and child
- Fundamentals of documentation/organisation
- Fundamentals of hygiene and disinfection
- Fundamentals of delivery room organisation
- First care and first screening examination (U 1) of the new-born
- Fundamentals of counselling in postpartum period
- First contact mother/parent and child

Qualification-goals/Competencies:

- At the end of the module, the students will be able to apply, consolidate and reflect the previously theoretically imparted basic and profession-specific care contents to obstetric situations.
- They are able to monitor vital signs (blood pressure, pulse, body temperature) of different patient groups perform professionally and interpret as well as document the values.
- They will be qualified to use the documentation tools used in care and obstetrics as sources of information.
- They are able to take targeted diagnostic and care measures, e. g. to monitor the general condition of the mother and child, in appliance to first care of the new-born.
- They are able to participate in obstetric and postpartum period specific support and care measures, e. g. breastfeeding, care of new-born care and bonding process.
- They are able to communicate and react professionally and appropriately in the care or obstetric team as well as in relation to other occupational groups and patients / women in labour / women in postpartum period as well as relatives / accompanying persons.
- They are able to apply the current hygienic requirements or guidelines safely and independently.

Grading through:

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Responsible for this module:

- Prof. Dr. Ruth Martis, PhD

Teacher:

- Institute of Health Sciences
- Prof. Dr. Ruth Martis, PhD

Language:

- offered only in German

Notes:

Requirements for admission to the module:
-none

Requirements for admission to the examination:
-none

Module examination:
GW1550-L1 OSCE

Instrumental, communicative, and systemic competences: They have started to develop basic clinical and obstetric competences according to the qualification objectives of the lecturing modules GW1000, GW1040, GW1140 and GW1310.
The responding institution is responsible for the compilation of the practical plan.
Practical phase 1 could take place in the following areas:
- delivery room (192. 5 hours / 5 weeks)
- Integrated postpartum period ward, including mother-child ward (77 hours / 2 weeks)

A total of 269. 5 hours of practical lectures (practical divisions) are available. These include a sufficient time reserve for deficiency due to absenteeism, holidays and internal training, instruction, and briefing.

Additional benefits or evidence of vocational training:
- Internship protocol including documentation and reflection of competence development (internship protocol)
- Reflection of internship by students (self-assessment of competence development)

Extent and tasks of the practice manual:
- Implementation and documentation of an initial, intermediate, and final interview with the student, including assessment of the current state of competence development immediately before the final interview (internship protocol)
- Cooperation between the student and the practice instructor of the station for at least 15% of the student s practical hours
- Complete documentation of the internship (internship protocol) and handing out the protocol to the students

Extent and tasks of the practice supervision: 1 in the section delivery room
Responsibility for the organisation of the internship: Training providers (co-operation partner/co-operating institution)

Deviating provisions for the career science in midwifery according to the SGO WS17 and WS18:
-Delivery room (160 hours)
-Integrated postpartum period station, including mother-child ward (80 hours)
-Operative station (80 hours)
-Gynaecological ward (80 hours)

GW1560-KP06 - Basic module obstetric, neonatological and gynaecological diagnosis and intervention 2 (BageDI2)

Duration:	Turnus of offer:	Credit points:
1 Semester	every summer semester	6

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Practical obstetrics and neonatology, 2nd semester
- Bachelor Midwifery 2017 (compulsory), Practical obstetrics and neonatology, 2nd semester

Classes and lectures:

- GW1560-Ü: Basic module obstetric, neonatological and gynaecological diagnosis and intervention 2 (exercise, 0,4 SWS)

Workload:

- 154 Hours integrated internship hours
- 20 Hours private studies
- 6 Hours Practical course

Contents of teaching:

- Care and obstetric diagnostics: professionally justified and scientifically reflected application of hospital assessment and assessment tools used in practice to estimate care and obstetric care support requirements, e. g. CTG (evaluation in birth situations), laboratory diagnostics.
- Professionally justified and case specific appropriate selection and implementation of care and obstetrical interventions with the focus on: care of women in labour, women in postpartum period, new-borns
- Professional, case specific appropriate and safe provision, performance and follow-up of basic midwifery tasks, medical assistance tasks respectively treatment care and obstetrics, in particular the administration of oral medicinal products; surgical treatment of wounds in the event of birth injuries; implementation of bladder catheters (single catheterization and permanent catheter) and care for a implemented catheter, handling of drainages and other ad-/discharges; principles of intravenous infusions (preparation, patient monitoring and treatment of puncture sites, injections: s.c. and i.m.) and blood sampling
- Application of frequently utilized auxiliaries/medical products in care and obstetric provision.
- Anamnesis and initial assessment of the situation at the beginning of childbirth: external and internal examination of the parturient, monitoring of the foetal heart rate (basics CTG)
- Observation, assistance, and accompaniment of physiological birth: mobilisation of women during childbirth, support sub positions and labour processing in the second stage of birth, guidance in the second stage of birth
- Perineal protection/ delivery of the child (in different birth positions)
- Placental period
- Postpartum care
- First care as well as preventive medical examination (U1) of the new-born
- Assistance at breastfeeding
- Transfer, handover of mother and child
- Fundamentals of delivery room organisation
- Comprehensive, profession-based analysis, evaluation and reflection of situations perceived as challenging in care and obstetric supply.
- Professional communication and collaboration within the team and with other occupational groups, especially in situations of unusually high workload: Reflection on beneficial factors and barriers for successful cooperation; derivation of consequences for one s own professional behaviour.
- Guidelines of hygienic working in care and above-mentioned fields of application

Qualification-goals/Competencies:

- In addition to the expansion and indentation of the competences described in practical phase 1, the catalogue of competences will be extended by the following knowledge and skills:
- The students have become familiar with other internal processes of gynaecological and obstetric departments and have a better understanding of hospital organisational and care structures, specific care and obstetric care applications.
- They are able to support organizational structures in the different fields of application by their own planned actions and take over the tasks of preparation and post-processing of materials, instruments, devices, and premises independently.
- They can identify care support requirements, especially in obstetrics, select the support measures to compensate existing support requirements on a professional basis and, select profession specific and appropriately and conduct them securely under the consideration of limitations or individual needs of the respective patient and person groups.
- They are able to correctly use simple and frequently used auxiliaries or medical devices in the respective field of practice and in accordance with the technical and legal requirements for use.
- They are able to perform frequent medical-care actions, e. g. bandages or wound treatment, injections (s.c., i.m.), drainage and bladder catheter supply safely and thereby consider the requirements for safe, complication avoidance procedures respectively are sensitized

for potential complications and appropriate observational criteria.
- Under guidance students are able to assist the parturient and their accompanying persons at the physiological process and monitor the general condition of the mother and child in accordance with applicable guidelines.
- They can apply special obstetric interventions (e. g. CTG derivation) independently and with support interpret and document the obtained results.
- They are able to dispose diagnostic measures to determine the postpartum status, standardized examinations, and screenings to assess the general condition of healthy new-borns and to apply measures for the care of new-borns and infants.
- They are able to identify clinically and/or ethically challenging situations in care and obstetric care and are able to adapt their actions accordingly, within the limits of their own responsibilities and competences.
- Students are able to communicate professionally and, in a occupation appropriate language with different occupation, patient and person groups, even in situations with demanding workload.
- They are able to recognize the needs of women in postpartum period (e. g. breastfeeding instructions and support) and their accompanying person in different more complex situations and to advise or support them appropriately.

Grading through:

- Oral examination
- B-Certificate (not graded)

Responsible for this module:

- Prof. Dr. Ruth Martis, PhD

Teacher:

- Institute of Health Sciences
- Prof. Dr. Ruth Martis, PhD

Language:

- offered only in German

Notes:

Requirements for admission to the module:
-none

Requirements for admission to the examination:
-none

Module examination:
GW1560 oral exam (B)

Knowledge and comprehension: consolidation, indentation, reflection of the previously mediated contents of the modules GW1040, GW1140; GW1620 und GW1610

The responding institution is responsible for the compilation of the practical plan.
Practical phase 2 could take place in the following areas:
- delivery room (192. 5 hours / 5 weeks)

A total of 192,5 hours of practical lectures (practical divisions) are available. These include a sufficient time reserve for deficiency due to absenteeism, holidays and internal training, instruction, and briefing.

Additional benefits or evidence of vocational training:
- Internship protocol including documentation and reflection of competence development (internship protocol)
- Reflection of internship by students (self-assessment of competence development)

Extent and tasks of the practice manual:
- Implementation and documentation of an initial, intermediate, and final interview with the student, including assessment of the current state of competence development immediately before the final interview (internship protocol)
- Cooperation between the student and the practice instructor of the station for at least 15% of the student s practical hours
- Complete documentation of the internship (internship protocol) and handing out the protocol to the students

Extent and tasks of the practice supervision: 1 in the section delivery room
Responsibility for the organisation of the internship: Training providers (co-operation partner/co-operating institution)

Deviating provisions for the career science in midwifery according to the SGO WS17 and WS18:
-Delivery room (160 hours)
-Integrated postpartum bed station, including mother-child ward (160 hours)
-Non-operative station / general care station (80 hours)
-Gynaecological ward (80 hours)

GW1610-KP07 - Biomedical fundamentals of physical and mental health 2 (BIG2)

Duration:	Turnus of offer:	Credit points:
1 Semester	every summer semester	7

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Human scientific and legal foundations, 2nd semester
- Bachelor Midwifery 2017 (compulsory), Human scientific and legal foundations, 2nd semester

Classes and lectures:

- GW1610-V: Fundamentals of anatomy for midwives1 (lecture, 4 SWS)
- GW1310-V: Medical microbiology, hygiene and virology, immunology (lecture, 2 SWS)
- PF1611-V:Introduction to medical technology (lecture, 1 SWS)

Workload:

- 113 Hours in-classroom work
- 97 Hours private studies

Contents of teaching:

- Anatomy: Location and structure of all human organs and organ systems, including the different types of tissue. Functional anatomy of certain organs and organ systems (movement system, nervous system, cardiovascular and respiratory system, and their fatal characteristics). Profession specific anatomy (specificities of the female pelvis, development of the uteroplacental care system from a mother s and child s perspective. Growth and development of the placenta: construction, function, tasks)
- Medical technology: The term medical product and the relevant legal provisions (meaning of CE marking). Risk classes of medical devices and implications for development and use. Structure of physical functioning mechanisms and application examples of frequently used medical devices for diagnostics, therapy and care (especially imaging): echograph X-ray, CT, MRI, nuclear imaging, ECG, anaesthesia/respiratory equipment, cardiotocography (CTG), pulse oximetry. Requirements for safe handling /Patient safety and maintenance of these medical devices
- Microbiology and hygiene: hospital, environmental and individual hygiene, in particular pathways of infection and prevention of infection and current recommendations for professional hygiene in the care of sick people, people in need of care, pregnant women, women in labour, women in postpartum period and new-borns.

Qualification-goals/Competencies:

- Broadened knowledge:
- Anatomy: Students have acquired basic medical knowledge and have basic knowledge of anatomy. They know and understand the location and structure of human organs and organ systems. Students can describe the structure and the intercorrelation of the human body on the bases of medical nomenclature and thereby specifically take into account the specialties of the female body, the female pelvic organs as well as foetal and child structures.
- Medical technology: Students are able to explain the term medical product as well as the applicable legal requirements on placing on the market and the use of medical product. They can explain the differences between the diverse risk classes and give examples of frequently used medical products. They can explain central functional mechanisms of frequently used medical devices for diagnostics, therapy and care and assign the underlying physical principles of action (e. g. mechanics, thermodynamics, electricity, radiology). They know the underlying fundamentals of physics. They can derive important safety requirements for patients and staff when using these devices.
- Microbiology and hygiene: Students have an appropriate hygiene awareness with regard to self-protection and protection of others and are able to assess the most diverse hygienic situations in hospital and non-hospital settings and explain/consult people in need of care about it.
- In-depth knowledge:
- Anatomy: Students can discuss morphological and functional correlations in the human body in physiological processes based on the context of obstetric care. Students have an in-depth knowledge and understanding of the interaction of certain organ systems (movement system, nervous system, cardiovascular and respiratory system) and are able to represent, explain and relate different physiological processes of the body.

Grading through:

- written exam

Responsible for this module:

- Prof. Dr. med. Jürgen Westermann

Teacher:

- Institute of Anatomy

- Institut of Physiology

- Prof. Dr. med. Jürgen Westermann
- Prof. Dr. rer. nat. Horst Pagel

Literature:

- Menche, N.: Biologie, Anatomie, Physiologie - 7. Auflage, Urban und Fischer Verlag, München 2012
- Coad, J.; Dunstall, M.: Anatomie und Physiologie für die Geburtshilfe - München, Elsevier 2007
- Bannwarth, H.; Kremer, B.P.; Schulz, A.: Basiswissen Physik, Chemie und Biochemie - Springer Verlag, Heidelberg 2013

Language:

- offered only in German

Notes:

Requirements for admission to the module:
-none

Requirements for admission to the examination:
Successful participation in the pre-prep course incl. certificate according to the requirements at the beginning of the semester

Module examination:
GW1610-L1: Biomedical fundamentals of physical and mental health 2, written examination, 90 min., 100% of the module grade

In addition to the amplification of biomedical knowledge as a basis of the spheres of competence I and II, this module serves to build and strengthen the interprofessional relationship between students of midwife science, physiotherapy, and human medicine. Socialization takes place through the joint learning of complex anatomical structures and correlation under the emotionality of working with anatomical preparation.

GW1620-KP05 - Core elements of professional interaction (Keprl)

Duration:	Turnus of offer:	Credit points:
1 Semester	each summer semester	5

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Pregnancy care, mother-child health and women\'s health, 2nd semester
- Bachelor Midwifery 2017 (compulsory), Pregnancy care, mother-child health and women\'s health, 2nd semester

Classes and lectures:

- GW1620-V: Core elements of professional design of interaction (lecture, 2 SWS)
- GW1620-Ü: Core elements of professional design of interaction (exercise, 2 SWS)

Workload:

- 90 Hours private studies
- 60 Hours in-classroom work

Contents of teaching:

- Fundamentals of communication and communication models
- Theories on conflict formation and conflict management
- Theoretical foundations of professional communication and correlation design in interprofessional teams
- Client-centred, systemic, family and/or group-related discussion and advice health orientation
- Methods and instruments of ethical decision-making in conflict or dilemma situations
- Concepts of emotions and physical work
- Parenting and relationship competences (knowledge about development, parenting attitudes, relationship and interaction skills, subtleties and sensitivity, coping strategies, life circumstances)
- Methods and approaches to counselling including ethical dimensions (e. g. family planning and conception regulation, unwanted childlessness, and their therapeutic approaches)
- Selected sociological and psychological theories and their relevance for the nature of midwifery and professional practice of midwives.
- Effects of limit experiences (violence, existential threats, critical life events, trauma)
- Concepts of the Shared Decision Making, Informed Choice and participative decision making
- Approaches and concepts in the field of professional counselling of pregnancy, childbirth, postpartum period, and new-born period

Qualification-goals/Competencies:

- Broadened knowledge: Students will have a broad and comprehensive knowledge of methods of counselling, training, and guidance as well as models and concepts of patient- and woman-centred supervision in care and midwifery. Sphere of competence IV
- Broadened knowledge: Students can describe psychological processes for coping with life crises, illness, death, and grief and can adopt a professional attitude. Sphere of competence I
- Broadened knowledge: Students can identify the needs of orphaned parents or families in need of support and refer to existing care concepts and structures. Sphere of competence I
- In-depth knowledge: Students have a sound knowledge of verbal and nonverbal communication and interaction by means of different communication models. Sphere of competence IV
- In-depth knowledge: Students have a reliable knowledge and understanding of the address-appropriate use of communication techniques and methods in the professional context. Sphere of competence IV
- In-depth knowledge: Students have an in-depth knowledge and understanding of instruction, training and approaches of counselling and are able to recognize the importance of professional action in care and midwifery. They can transfer these approaches for different situations and settings of the supervision process of patients or women and their families and can inform and advise on issues such as disruptions of social interaction in family systems. Sphere of competence IV
- In-depth knowledge: Students are able to discuss sociological, gender-theoretical and intercultural approaches for the contemplation of health and disease of women and families and are able to deal with cultural difference and complexity as well as reflect on professional points of view. Sphere of competence III and IV
- Instrumental competences: Students are able to construct relationships professionally and are able to conduct, lead and finish conversations with women and their families in a requirement orientated and resource-oriented manner. Sphere of competence IV
- Instrumental competences: They can use different care concepts and support systems and integrate them situation appropriate into their midwife actions. Sphere of competence IV
- Instrumental and communicative competences: within the scope of guidance, training, and counselling situations they will be able to organize, prepare and present information from a professional perspective in a targeted and addressable manner. In addition, they can develop guidance and advice concepts (e. g. in the sense of the Shared Decision Making and evidence-based information) to strengthen the competence of patients /of the woman. Sphere of competence IV
- Instrumental and communicative competences: They can address the specific and age-appropriate needs of women, analyse men and women with regard to sexuality and contraception and support, advise and accompany women and their families sensitively in

decision-making processes of family planning. Sphere of competence III and IV
- Instrumental and communicative competences: Students are able to configure group processes and use group resources. They can initiate and conduct discussions with and between other actors in the obstetrical or interprofessional team. Sphere of competence IV
- Systematic competences: Students can identify individual needs for information, guidance, and counselling (e. g. by target group, occasion for counselling or background of the interlocutor) and evaluate as well as interpret these with regard to the surrounding conditions of health care services in health professions. Sphere of competence IV
- Systematic competences: They are able to identify and analyse possible beneficial factors and barriers to information, guidance, and successful counselling situations. Sphere of competence IV
- Communicative competences: Students are able to support, consult and arrange communication, interaction, and counselling in a resource-oriented, (self-) reflective and competent manner. They can conduct an effective, collegial cooperation with different professional groups/ target groups and thereby create multidisciplinary and cross-professional solutions. Sphere of competence IV
- Communicative competences: They are able to accomplish their social responsibility as midwives in terms of sex education, counselling, and support on behalf of the common well. They can formulate, argue, and reflect professionally their own and other values/attitudes and their impacts on counselling and care of women/families in different settings. They can support the planning, organisation, and implementation of these processes with experts and lay people in a team. Sphere of competence IV

Grading through:

- written examination
- B-Certificate (not graded)

Responsible for this module:

- Prof. Dr. Ruth Martis, PhD

Teacher:

- Institute of Health Sciences
- Prof. Dr. Ruth Martis, PhD

Literature:

- Schulz von Thun, F: Miteinander reden - Band 1-3, Rororo, Reinbek b. Hamburg 2006
- Watzlawick, P.; Beavin, J.; Jackson, D.: Menschliche Kommunikation: Formen, Störungen, Paradoxien - Hans Huber, Göttingern 1996
- Elzer, M.; Sciborski C.: Kommunikative Kompetenzen in der Pflege. Zheorie und Praxis der verbalen und non-verbalen Interaktion - Huber, Bern 2007
- Huber, M.: Trauma und die Folgen. Trauma und Traumabehandlung - Teil 1, 3. Auflage, Jufermann, Paderborn 2007
- Müller, W.; Scheuermann, U.: Praxis Krisenintervention. Ein Hanbuch für helfende Berufe: Psychologen, Ärzte, Sozialpädagogen, Pflege- und Rettungskräfte. - Kohlhammer Verlag, Stuttgart 2004
- Pastoors , S. & Ebert,H.: Prinzipien der Respektkommunikation: Psychologische Grundlagen einer erfolgreichen Zusammenarbeit - Springer Wiesbaden 2019
- Hoos-Leistner, H.: Kommunikation im Gesundheitswesen - Springer Berlin 2019

Language:

- offered only in German

Notes:

Requirements for admission to the module:
-none

Requirements for admission to the examination:
-none

Module examination:
GW1620 written reflection (B)

GW2110-KP08 - Physiological core elements of the phases of pregnancy, childbirth and childbed (PhySch)

Duration:	Turnus of offer:	Credit points:
2 Semester	each winter semester	8

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Physiology of obstetrics, 3rd and 4th semester
- Bachelor Midwifery 2017 (compulsory), Physiology of obstetrics, 3rd and 4th semester

Classes and lectures:

- Physiological core elements of the phases of pregnancy, childbirth and childbed (lecture, 3,5 SWS)
- Physiological core elements of the phases of pregnancy, childbirth and childbed (seminar, 2 SWS)
- Physiological core elements of the phases of pregnancy, childbirth and childbed (exercise, 2,5 SWS)

Workload:

- 120 Hours private studies
- 120 Hours in-classroom work

Contents of teaching:

Qualification-goals/Competencies:

Grading through:

- written exam

Responsible for this module:

- Prof. Dr. Ruth Martis, PhD

Teacher:

- clinic for pediatrics
-
- Institute of Health Sciences

- Prof. Dr. Ruth Martis, PhD
- Prof. Dr. med. Egbert Herting
- Prof. Dr. med. Achim Rody
- Prof. Dr. med. Christoph Haertel
- Dr. med. Verena Boßung
- Prof. Dr. med. Wolfgang Göpel

Literature:

- :
- :

Language:

- offered only in German

GW2040-KP06 - Core elements of professional obstetric care 2 (KeGH2)

Duration:	Turnus of offer:	Credit points:
1 Semester	each summer semester	6

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Physiology of obstetrics, 3rd semester
- Bachelor Midwifery 2017 (compulsory), Physiology of obstetrics, 3rd semester

Classes and lectures:

- Core elements of professional obstetric actions 2 (lecture, 3 SWS)
- Core elements of professional obstetric actions 2 (exercise, 2 SWS)
- Core elements of professional obstetric actions 2 (seminar, 1 SWS)

Workload:

- 90 Hours private studies
- 90 Hours in-classroom work

Contents of teaching:

- Physiology of the life-course of postpartum and lactation
- Psychological peculiarities in the postpartum period
- Diagnostic, nursing and therapeutic measures in postpartum care, special pharmacology
- Counselling in the postnatal period (sexuality and contraception, care, follow-up examination, sports etc.)
- Reconstitutional gymnastics and course offerings in the postpartum period
- Care in specific/special situations in the postnatal period (multiples, orphaned mothers etc.)
- Special features of out-of-hospital postnatal care and interprofessional networking
- Documentation of postnatal classes (developing)
- Counselling of breastfeeding, infant alimentation, weaning and introduction of complementary alimentation, special breastfeeding situations
- observation and care of the healthy new-born, handling, neonatal screening, prophylaxis, vaccinations and preventive examinations
- Needs of the new-born (carrying, interaction, crying, etc.)
- SIDS and sleep-wake behaviour (observation of behaviour in the sleep and wake stages)
- Maternity guidelines and pregnancy care
- General counselling during pregnancy (prenatal preparation, course offerings, prenatal bonding, nutrition, stimulants, choice of place of birth, risk assessment)
- Exceedance of the calculated date of birth/postmaturity

Qualification-goals/Competencies:

- At the end of the module, the student s structure and design their situational actions appropriately and critically question them. Sphere of competence VI
- They have in-depth (substantiated) knowledge as well as diagnostic, nursing and therapeutic competences on the topics of postnatal period and breastfeeding. Sphere of competence I
- They know the physiological course of the postnatal period and lactation, estimate and support them correctly. Sphere of competence I
- The students will be able to recognize and take adequate account of pathological deviations. Sphere of competence I
- They will be able to guide and support the parents in the provision and care of their child. Sphere of competence VI
- They are aware of the particularities of the sensitive part of the postpartum period and therefore direct their communication, interaction andfamily-centered advice. Sphere of competence I and IV
- The students accompany and advise the mother and her family members postpartum coherently and situationally appropriate and direct them tohealth facilitation or health maintenance. Sphere of competence VI

Grading through:

- written homework

Responsible for this module:

- Prof. Dr. Ruth Martis, PhD

Teacher:

- Institute of Health Sciences

- Prof. Dr. Ruth Martis, PhD

Literature:

- Geist, C.; Harder, U., Stiefel, A.: Hebammenkunde - 4. Auflage, Hippokrates 2012
- Mändle, C.; Opitz-Kreuter, S.: Das Hebammenbuch - 5. Auflage, Schattauer, Stuttgart 2012

Language:

- offered only in German

Notes:

Requirements for admission to the module:
-none

Requirements for admission to the examination:
-none

Module examination:
GW2040-L1 term paper

GW2550-KP14 - Basic module obstetric, neonatological and gynaecological diagnosis and intervention 3 (BageDI3)

Duration:	Turnus of offer:	Credit points:
1 Semester	each winter semester	14

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Practical obstetrics and neonatology, 3rd semester
- Bachelor Midwifery 2017 (compulsory), Practical obstetrics and neonatology, 3rd semester

Classes and lectures:

- GW2550-Ü: Basic module obstetric, neonatological and gynaecological diagnosis and intervention 3 (exercise, 0,4 SWS)

Workload:

- 385 Hours integrated internship hours
- 29 Hours private studies
- 6 Hours Practical course

Contents of teaching:

- Consolidation and critical reflection of the contents of GW1560 in the field of obstetric observation and diagnostics as well as the professionally justified and appropriate selection of obstetric interventions: anamnesis and assessment of the situation at the initiation of birth; monitoring of fetal heart rate (basics in CTG); observation, support and accompaniment of the physiological birth; assessment of the situation of the women s and the unborn children`s state; CTG (evaluation in perinatal situations)
- Implementation of or support for specific obstetric interventions during, after birth and in postnatal period: birth positions and labour processing in the exit phase; guidance in the second stage of labour; perineal protection/development of the child (in different birth positions); placental period; mobilisation of women during the birth; assistance with labour processing; first contact mother/parent and child; care in the (later) postnatal period; afterpains / pains; Avoidance of breast infections, genital area, umbilical care of the child; nutrition / maternal excreta ; comprehensive breastfeeding consultation (rhythm, positions, breast control, breast care / BW, nursing brassiere / inserts); postpartum exercise, reconstitutional gymnastics, courses
- Provision of or support for the nurture and supervision of new-borns: care of the new-born; recognize abnormalities, e.g. neonatal icterus; screening and prophylaxis of the new-born; nutrition/ excreta; environment of the new-born and mobility; development / provision / U 1/2; handling of the new-born / recognition of needs.
- Application of documentation systems and documentation of the results of obstetric diagnostics, decision-making, implementation, and evaluation of measures in the delivery room and the postpartum also in the hospital setting including taking account of the legal basis.
- Specific requirements for obstetric decision-making, obstetric activities, and documentation in the non-hospital care setting:
- Planning, implementation, and evaluation of non-hospital postpartum care
- Identification and implementation of appropriate obstetric strategies to adequately address the challenges of the situations, incl. respect for own limits of competence and burden.
- Identification and adequate consideration of the preferences, norms and values of counsellors and their families
- Provision at home / postnatal period midwife / assistance to midwife
- Guidelines of hygienical working in out-of-hospital care settings.
- Empathetic and respectful communication with pregnant women, women in childbearing and families even if under the conditions of difficult or challenging care situation
- Organisation of out-of-hospital work
- Cooperation with other health professions
- Legally secured, professional, and appropriate documentation

Qualification-goals/Competencies:

- expand and amplify the competences described in practice phase 1-2. The catalogue of competences will be extended by the following knowledge and skills:
- Students are able to define basic internal processes of specific obstetric disciplines and have a better understanding of hospital organisation, specific hospital and non-hospital care situations, obstetric interventions and integrate this into their practical actions.
- Students are able to develop appropriate methods for monitoring mother and child and can organise care using appropriate technologies after prior examination of their need.
- Students are able to collect relevant findings to assess the situation of the woman giving birth or woman in childbed and the un- or new-born child.
- They are able to take part in the management of the active birth phase and acquire the relevant skills to apply necessary measures under supervision or in independent proportions.
- They are able to support parturient and their accompanying persons, identify their needs and communicate appropriately, empathic, and competent.

- Students are enabled to take measures to manage the placental and post-placental periods and apply appropriate skills.
- Students can apply their in-depth knowledge as well as their diagnostic, nursing, and therapeutic competences in practice, appraise and support the physiological course of the postnatal period patient (especially the postpartum period) and the neonatal period. They are able to assess the further development of the infant. They can advise mothers/families on the physiological nutrition of the infant.
- They are capable to supervise parturient women under guidance in complex situations and providing appropriate, competent, and reflective interaction and advice as well as promote informed processes for decision-making.
- They are able to design the interprofessional collaboration with the focus of optimal care of mother, child and family taking into account socio-cultural and ethical contexts and organisational frame conditions. They can balance proximity and distance to the women and families being cared for appropriately and role adapted.
- On their own initiative they are able to integrate the organisational processes of the delivery room into their individual workflows, respectively adapting their own workflows to changing surrounding conditions.
- Students are able to formulate obstetrical processes and contexts with the correct oral as well as written terminology, to reflect critically and to document correctly.
- They are able to relate their practical obstetric activities to the multidimensional meanings of the postnatal period and to align the domestic care in different care settings.
- Students are able to perform midwife tasks in the field of freelance midwifery respectively to participate in it.
- They are able to describe the specific organisational, quality assuring and content of non-clinical obstetric care requirements, to reflect on the processes and proceedings of freelance activity and to appoint differences to the role of employed midwives.
- Students are able to analyse themselves and their environment based on the foundations of reflexive thinking, critically highlight and, if necessary, introduce changes.

Grading through:

-

Responsible for this module:

- Prof. Dr. Ruth Martis, PhD

Teacher:

- Institute of Health Sciences
- Prof. Dr. Ruth Martis, PhD

Language:

- offered only in German

Notes:

Requirements for admission to the module:
-none

Requirements for admission to the examination:
-none

Module examination:
GW2550 OSCE

Knowledge and understanding: Practice-based consolidation, indentation, and reflection of the previously imparted contents of the previous modules.
GW2110 and GW2040.
The responding institution is responsible for the compilation of the practical plan. Practical phase 3 could take place in the following areas:
- Freelance midwife, ambulant patient midwife-managed institution (192. 5 hours / 5 weeks)
- The above-mentioned operation can optionally be replaced by up to max. 160 hours / 4 weeks of duty in further ambulant patient institutions assuring practical vocational training of midwives
- Delivery room (269. 5 hours / 7 weeks)

A total of 462 hours of practical lectures (practical divisions) are available. These include a sufficient time reserve for deficiency due to absenteeism, holidays and internal training, instruction and briefing.

Additional benefits or evidence of vocational training:
- Internship protocol including documentation and reflection of competence development (internship protocol)
- Reflection of internship by students (self-assessment of competence development)

Extent and tasks of the practice manual:
- Implementation and documentation of an initial and final interview with the student, including assessment of the current state of competence development immediately before the final interview (internship protocol)
- Cooperation between the student and the practice instructor of the station for at least 15% of the student s practical hours
- Complete documentation of the internship (internship protocol) and handing out the protocol to the students

Extent and tasks of the practice supervision: none
Responsibility for the organisation of the internship: Training providers (co-operation partner/co-operating institution)

Deviating provisions for the bachelor study science of midwifery according to the SGO WS17 and WS18:
The practical phase 3 takes place in the following areas of application: delivery room (200 hours), integrated maternity ward, incl. mother-child department (80 hours) and out-of-hospital phase: out-of-hospital delivery and postpartum course (240 hours).
The compulsory study contains 0,6 SWS P.

GW2560-KP15 - Basismodul Obstetrics, neonatologic and gynecological diagnostics and intervention IV (BageDI4)

Duration:	Turnus of offer:	Credit points:
1 Semester	every summer semester	15

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Practical obstetrics and neonatology, 4th semester
- Bachelor Midwifery 2017 (compulsory), Practical obstetrics and neonatology, 4th semester

Classes and lectures:

- Basismodul Obstetrics, neonatologic and gynecological diagnostics and intervention IV (exercise, 0,4 SWS)

Workload:

- 424 Hours integrated internship hours
- 20 Hours private studies
- 6 Hours in-classroom work

Contents of teaching:

Qualification-goals/Competencies:

Grading through:

- written homework

Responsible for this module:

- Prof. Dr. Ruth Martis, PhD

Teacher:

- Institute of Health Sciences
- Prof. Dr. Ruth Martis, PhD

Language:

- offered only in German

GW3010-KP09 - irregularities in pregnancy, birth and the postpartum- and newborn period (ReiSch)

Duration:	Turnus of offer:	Credit points:
2 Semester	each winter semester	9

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Pregnancy care, mother-child health and women\'s health, 5th and 6th semester
- Bachelor Midwifery 2017 (compulsory), Pregnancy care, mother-child health and women\'s health, 5th and 6th semester

Classes and lectures:

- irregularities in pregnancy, birth and the postpartum- and newborn period (lecture, 5 SWS)
- irregularities in pregnancy, birth and the postpartum- and newborn period (seminar, 1 SWS)
- irregularities in pregnancy, birth and the postpartum- and newborn period (exercise, 3 SWS)

Workload:

- 135 Hours private studies
- 135 Hours in-classroom work

Contents of teaching:

Qualification-goals/Competencies:

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Grading through:

- written exam

Responsible for this module:

- Prof. Dr. med. Achim Rody

Teacher:

- Institute of Health Sciences
- clinic for pediatrics
-
- Institute of Experimental and Clinical Pharmacology and Toxicology

- Prof. Dr. med. Markus Schwaninger
- Prof. Dr. med. Achim Rody
- Prof. Dr. med. Egbert Herting
- Prof. Dr. med. Wolfgang Göpel
- Prof. Dr. med. Christoph Haertel
- Dr. med. Verena Boßung
- Dr. rer. nat. Walter Häuser
- Prof. Dr. rer. medic Christiane Schwarz

Language:

- offered only in German

GW3410-KP09 - Legal and social framework of obstetrical action (JuRahm)

Duration:	Turnus of offer:	Credit points:
2 Semester	each winter semester	9

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Human scientific and legal foundations, 5th and 6th semester
- Bachelor Midwifery 2017 (compulsory), Human scientific and legal foundations, 5th and 6th semester

Classes and lectures:

- Critical Appraisal (lecture, 1 SWS)
- Legal and social framework of obstetrical action (seminar, 2 SWS)
- Legal and social framework of obstetrical action (lecture, 2 SWS)
- Legal and social framework of obstetrical action (lecture, 2 SWS)
- ethics (lecture, 1 SWS)

Workload:

- 150 Hours private studies
- 120 Hours in-classroom work

Contents of teaching:

Qualification-goals/Competencies:

Grading through:

- written exam

Responsible for this module:

- Prof. Dr. Ruth Martis, PhD

Teacher:

- Institute of Health Sciences
- Lübeck University of Applied Sciences
- Institute for Social Medicine and Epidemiology

- Prof. Dr. Ruth Martis, PhD
- Dr. med. Dr. jur. Joachim Hübner
- Prof. Dr. phil. Sascha Köpke
- Dr. jur. Fabian S. Frielitz
- Louisa Labohm, M.Sc.

Literature:

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Language:

- offered only in German

GW3310-KP05 - Health-promotion and prevention in the family context (GesGrfaKo)

Duration:	Turnus of offer:	Credit points:
1 Semester	each winter semester	5

Course of study, specific field and term:

- Bachelor Midwifery 2021 (compulsory), Empowerment and diversity, 3rd semester
- Bachelor Midwifery 2020 (compulsory), Pregnancy care, mother-child health and women\'s health, 5th semester
- Bachelor Midwifery 2017 (compulsory), Pregnancy care, mother-child health and women\'s health, 5th semester

Classes and lectures:

- Health-promotion and prevention in the family context (lecture, 1,5 SWS)
- Health-promotion and prevention in the family context (seminar, 2 SWS)
- EW2360-V: Nutrional Medicine (lecture, 0,5 SWS)

Workload:

- 90 Hours private studies
- 60 Hours in-classroom work

Contents of teaching:

Qualification-goals/Competencies:

Grading through:

- project work

Responsible for this module:

- Prof. Dr. med. Thomas Kötter, MPH

Teacher:

- Institute of Nutrition Medicine

- clinic for pediatrics
- Institute of Health Sciences
- Institute of Family Medicine

- Prof. Dr. med. Christian Sina
- Prof. Dr. Marina Weckend
- Prof. Dr. med. Egbert Herting
- Prof. Dr. med. Thomas Kötter, MPH

Literature:

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Language:

- offered only in German

GW3550-KP12 - Basismodul Obstetrics, neonatologic and gynecological diagnostics and intervention V (BageDI5)

Duration:	Turnus of offer:	Credit points:
1 Semester	every summer semester	12

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Practical obstetrics and neonatology, 5th semester
- Bachelor Midwifery 2017 (compulsory), Practical obstetrics and neonatology, 5th semester

Classes and lectures:

- Basismodul Obstetrics, neonatologic and gynecological diagnostics and intervention V (exercise, 0,4 SWS)

Workload:

- 346 Hours integrated internship hours
- 7 Hours private studies
- 6 Hours in-classroom work

Contents of teaching:

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Qualification-goals/Competencies:

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Grading through:

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Responsible for this module:

- Prof. Dr. Ruth Martis, PhD

Teacher:

- Institute of Health Sciences
- Prof. Dr. Ruth Martis, PhD

Language:

- offered only in German

GW3560-KP11 - Complex case comprehension in practical obstetrics (KFprG)

Duration:	Turnus of offer:	Credit points:
1 Semester	every summer semester	11

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Practical obstetrics and neonatology, 6th semester
- Bachelor Midwifery 2017 (compulsory), Practical obstetrics and neonatology, 6th semester

Classes and lectures:

- Complex case comprehension in practical obstetrics (exercise, 0,4 SWS)

Workload:

- 308 Hours integrated internship hours
- 16 Hours private studies
- 6 Hours in-classroom work

Contents of teaching:

Qualification-goals/Competencies:

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Grading through:

- practical exam

Responsible for this module:

- Prof. Dr. Ruth Martis, PhD

Teacher:

- Institute of Health Sciences
- Prof. Dr. Ruth Martis, PhD

Language:

- offered only in German

GW3820-KP05 - Complex case comprehension in obstetrics (KFG)

Duration:	Turnus of offer:	Credit points:
1 Semester	each summer semester	5

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Physiology of obstetrics, 6th semester
- Bachelor Midwifery 2017 (compulsory), Physiology of obstetrics, 6th semester

Classes and lectures:

- Complex case comprehension in obstetrics (lecture, 3 SWS)
- Complex case comprehension in obstetrics (seminar, 2 SWS)

Workload:

- 75 Hours private studies
- 75 Hours in-classroom work

Contents of teaching:

Qualification-goals/Competencies:

Grading through:

- Oral examination

Responsible for this module:

- Prof. Dr. Ruth Martis, PhD

Teacher:

- Institute of Health Sciences
-
- Prof. Dr. Ruth Martis, PhD
- Prof. Dr. med. Achim Rody

Language:

- offered only in German

GW4210-KP06 - Evidence-based care in the phases of pregnancy, childbirth and childbed (EvBe)

Duration:	Turnus of offer:	Credit points:
2 Semester	each winter semester	6

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Physiology of obstetrics, 7th and 8th semester
- Bachelor Midwifery 2017 (compulsory), Physiology of obstetrics, 7th and 8th semester

Classes and lectures:

- Evidence-based care in the phases of pregnancy, childbirth and childbed (lecture, 3 SWS)
- Evidence-based care in the phases of pregnancy, childbirth and childbed (seminar, 1 SWS)
- Evidence-based care in the phases of pregnancy, childbirth and childbed (exercise, 2 SWS)

Workload:

- 90 Hours in-classroom work
- 90 Hours private studies

Contents of teaching:

Qualification-goals/Competencies:

Grading through:

- Oral examination
- written exam

Responsible for this module:

- Prof. Dr. rer. medic Christiane Schwarz

Teacher:

- clinic for pediatrics
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- Prof. Dr. med. Egbert Herting
- Prof. Dr. med. Achim Rody
- Dr. med. Verena Boßung
- Prof. Dr. med. Wolfgang Göpel
- Prof. Dr. med. Christoph Haertel

Language:

- offered only in German

GW4510-KP13 - Scientific practice project (WPP)

Duration:	Turnus of offer:	Credit points:
1 Semester	each winter semester	13

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), Practical obstetrics and neonatology, 7th semester
- Bachelor Midwifery 2017 (compulsory), Practical obstetrics and neonatology, 7th semester

Classes and lectures:

- Scientific practice project (exercise, 0,4 SWS)

Workload:

- 385 Hours integrated internship hours
- 6 Hours in-classroom work

Contents of teaching:

Qualification-goals/Competencies:

Grading through:

- practical exam

Responsible for this module:

- Prof. Dr. Ruth Martis, PhD

Teacher:

- Institute of Health Sciences
- Prof. Dr. Ruth Martis, PhD

Language:

- offered only in German

GW4810-KP06 - Freelance care in the obstetrical field of treatment (FreiBe20)

Duration:	Turnus of offer:	Credit points:
1 Semester	each summer semester	6

Course of study, specific field and term:

- Bachelor Midwifery 2020 (optional subject), specific, 8th semester
- Bachelor Midwifery 2017 (optional subject), specific, 8th semester

Classes and lectures:

- General Business Administration (lecture, 2 SWS)
- Freelance care in the obstetrical field of treatment (exercise, 2 SWS)
- Freelance care in the obstetrical field of treatment (lecture, 1 SWS)

Workload:

- 105 Hours private studies
- 75 Hours in-classroom work

Contents of teaching:

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Qualification-goals/Competencies:

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Grading through:

- portfolio exam

Responsible for this module:

- Prof. Dr. Ruth Martis, PhD

Teacher:

- Institute of Health Sciences
- Institute for Entrepreneurship and Business Development

- Prof. Dr. Ruth Martis, PhD
- Prof. Dr. Christian Scheiner
- Dr. Stefan Becker

Language:

- offered only in German

GW4820-KP06 - Emergency management in the obstetrical field of action (Notmg20)

Duration:	Turnus of offer:	Credit points:
1 Semester	each summer semester	6

Course of study, specific field and term:

- Bachelor Midwifery 2020 (optional subject), specific, 8th semester
- Bachelor Midwifery 2017 (optional subject), specific, 8th semester

Classes and lectures:

- Emergency management in the obstetrical field of action (lecture, 3 SWS)
- Emergency management in the obstetrical field of action (exercise, 2 SWS)

Workload:

- 105 Hours private studies
- 75 Hours in-classroom work

Contents of teaching:

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Qualification-goals/Competencies:

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Grading through:

- Presentation or seminar paper
- Group work

Responsible for this module:

- Prof. Dr. med. Achim Rody

Teacher:

- clinic for pediatrics
-
- Prof. Dr. med. Achim Rody
- Dr. med. Christoph Cirkel
- Dr. med. Verena Boßung

Language:

- offered only in German

HW4990-KP15 - Bachelor midwifery (HeWiArbeit)

Duration:	Turnus of offer:	Credit points:
1 Semester	each summer semester	15

Course of study, specific field and term:

- Bachelor Midwifery 2020 (compulsory), 8th semester
- Bachelor Midwifery 2017 (compulsory), 8th semester

Classes and lectures:

- Colloquium (presentation (incl. preparation), 1 SWS)
- Bachelor thesis (supervised self studies, 1 SWS)

Workload:

- 420 Hours work on an individual topic (research and development) and written elaboration
- 30 Hours oral presentation and discussion (including preparation)

Contents of teaching:

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Qualification-goals/Competencies:

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Grading through:

- written exam, oral presentation, and defence of the experiment´s results

Responsible for this module:

- Prof. Dr. rer. medic Christiane Schwarz

Teacher:

- All institutes of the University of Lübeck
- Alle prüfungsberechtigten Dozentinnen/Dozenten des Studienganges

Language:

- thesis can be written in German or English