

**Preamble to the module catalogue for the bachelor's study programme in "Nursing"
of the Faculty of Economics and Health (last updated: August 2020)**

The Nursing Profession Act (Pflegerberufegesetz), which came into force on 1 January 2020, is the first time that university training in nursing was properly enshrined in law. While a nursing degree has so far only been offered alongside training, or integrated into training in model degree courses, a new path is now being pursued in university training in nursing, which facilitates both a bachelor's degree and state approval as a nurse and has a generalist orientation. Bielefeld University of Applied Sciences offers this option in the form of the primary qualifying bachelor's degree study in Nursing (B. Sc.).

The aim of this course of study is the professional qualification of a scientifically and practically trained nursing professional who is capable of practising the nursing profession in a way that is self-reliant, independent and professional. After completing the primary qualifying degree course, graduates are trained for practical, client-oriented care and are able to design and responsibly manage professional situations in the highly complex field of nursing.

Bielefeld University of Applied Sciences takes into account social developments and changes in the German healthcare system. Demographic change, the changing panorama of illnesses, increasingly complex care situations, technical progress and changed user preferences are leading to a demand for high quality standards for healthcare and care services. Linked to this is the debate on qualification requirements and changed requirements, which directly affect the nursing professions, the largest professional group in the healthcare sector. In order to maintain the high quality of healthcare, nursing professionals require a university education.

With the bachelor's degree in nursing at Bielefeld University of Applied Sciences, students qualify for one of the most important professions of the future with excellent, diverse career opportunities. The objective of the course is to impart skills for evidence-based, scientifically sound work in all fields of activity in nursing. The defining feature of the course is the close interlinking of theory and practice, as the course and practical assignments take place in parallel. Work-related assignments at renowned cooperating institutions in inpatient acute care, outpatient acute and long-term care and inpatient long-term care facilitate the testing and practice of practical nursing skills.

Selected professional situations and questions from professional practice are addressed, analysed and reflected upon at the university. Possible solutions are suggested, while taking into account the development of science-based options for action. The mutual participation between nursing science and nursing practice is strengthened through the resolution of practical problems.

Please note: The German version of this document is the legally binding version. The English translation provided here is for information purposes only.

**Module table for the bachelor's study programme in "Nursing"
of the Faculty of Health (last updated: August 2020)**

Semester	Module					CP
1	A1 Nursing Process and Biomed. Principles I 5 CP	A2 Nursing Process and Biomed. Principles II 5 CP	C1 Professional Self-Image 5 CP	B1 Scientific Work 5 CP	C2 Work-Related Module I 5 CP	25
2	A2 Nursing Process and Biomed. Principles III 5 CP	A4 Nursing Interventions in Diagnosis and Therapy I 5 CP	C3 Communication and Interaction 5 CP	B2 Theories and Concepts of Nursing 5 CP	C4 Work-Related Module II 5 CP	25
3	B3 Nursing Research 5 CP	A5 Nursing Interventions in Diagnosis and Therapy II 5 CP	D1 Beginning of Life: Children and Young People 5 CP	D2 Middle and Old Age 5 CP	C5 Promotion of Health and Prevention 5 CP	25
4	C6 Work-Related Module III 11 CP	C7 Counselling and Guidance 6 CP	C8 Work-Related Module IV 10 CP			27
5	C9 Work-Related Module V 11 CP	B4 Evidence-Based Nursing I 6 CP	C10 Work-Related Module VI 10 CP			27
6	D3 Chronic Illness 5 CP	B5 Evidence-Based Nursing II 5 CP	E1 Healthcare Systems and Social Law 5 CP	E2 Ethics in Nursing 5 CP	C11 Digital Future Skills in Nursing 5 CP	25
7	C12 Work-Related Module VII 15 CP	E3 Financing and Quality of Nursing Care 5 CP	E4 Intra-/Interprofessional Care Design 5 CP	D4 Highly Stressful and Critical Life Situations 5 CP		30
8	C13 Work-Related Module VIII 6 CP	C14 Professional Perception of Profession 5 CP	C15 Elective Module 5 CP	C16 Bachelor Thesis 10 CP		26
						ΣΣ 210

A: Principles of Professional Nursing
 B: Science-Based Work
 C: Nursing as a Profession
 D: People in Special Life Situations
 E: Framework Conditions for Nursing Activities

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Area A: Principles of Professional Action A1: Nursing Process and Biomedical Principles I								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	1st sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 60 h Skills Lab: 30 h		6 SCH/ 90 h	60 h	Lecture by teaching staff, partner work, sem. group work, Skills Lab		15 / 35	German
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> collect and assess individual care needs, potential risks and health hazards in acute and long-term care situations and utilise specific science-oriented assessment procedures. (K. 1.1) design the reserved activities responsibly and position knowledge of nursing science in the intra- and interdisciplinary team (K. 5.3) assume responsibility for the organisation and implementation of interventions in life-threatening crises and disaster situations until the doctor arrives, (K. 1.4) systematically reflect on and evaluate the care needs of a person in need of care on the basis of a care process model and with the aid of selected general or specific assessment procedures create and reflect on a professional relationship with those in need of care and their relatives in the context of the nursing process know the basic principles of hygienic care and act appropriately in the different contexts of care bring relevant knowledge from related sciences, such as the principles of anatomy and physiology, to the planning, justification and implementation of care for those suffering from impairments to their mobility, cardiovascular system or respiratory system decide, together with the client, irrespective of their age, on nursing interventions and carry them out properly and professionally know the content of the expert standards relevant to the respective topic and can apply them in an individualised care plan 							
3.	Contents							
	<ul style="list-style-type: none"> Clarification of main terms and imparting of technical terminology (e.g. nursing history, needs, goals and measures, as well as intervention) The role of the care relationship in the needs assessment Nursing diagnostics and nursing diagnoses (e.g. NANDA, ICNP) Introduction to the hygienic principles of professional actions Nursing science and related scientific approach to the importance of breathing, the cardiovascular system and the musculoskeletal system for humans Epidemiology of respiratory and cardiac diseases and reduced mobility Support of physiological movement sequences (e.g. principles of kinaesthetics) Use of general assessment instruments and nursing diagnostics for people with impairments of mobility and the cardiovascular system Nursing interventions in the event of restricted mobility (e.g. after surgery), in the area of the cardiovascular and respiratory systems Living space design and selection of aids to promote mobility in an outpatient setting 							

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	<ul style="list-style-type: none"> • Prevention of diseases caused due to a lack of movement: e.g. thrombosis, contractures, decubitus and cardiovascular diseases, development of arteriosclerosis decubitus prophylaxis and fall prophylaxis (e.g. taking into account the expert standard of the DNQP (Deutsches Netzwerk für Qualitätsentwicklung in der Pflege – German network for quality development in nursing)), as well as breathing disorders, e.g. pneumonia • Emergency management for life-threatening illnesses (first aid, shock) • Nursing in the event of selected diseases that are associated with fever (e.g. infectious diseases of the respiratory tract)
4.	Participation requirements
	None
5.	Form of assessment
	Oral examination, performance examination or written examination (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Ariane Rolf, M.A.
9.	Other information

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Area A: Principles of Professional Action A2: Nursing Process and Biomedical Principles I								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	1st sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 60 h Skills Lab: 30 h		6 SCH/ 90 h	60 h	Lecture by teaching staff, partner work, sem. group work, Skills Lab		15 / 35	German
2.	Learning outcomes/competences							
	<p>Course graduates</p> <ul style="list-style-type: none"> • collect and assess individual care needs, potential risks and health hazards in complex, acute and long-term care situations and utilise specific science-oriented assessment procedures. (K. 1.1). • design the reserved activities responsibly and position knowledge of nursing science in the intra- and interdisciplinary team (K. 5.3). • determine, with the aid of special assessment instruments, observation and investigation, and while taking ethical knowledge into account, nursing needs in the case of diet-related diseases and excretion disorders, negotiate nursing goals, and plan appropriate nursing measures. • derive nursing diagnoses, estimate potential hazards, e.g. poor nutrition, malnutrition, undernutrition, or diet-related risks, and integrate preventive measures into the nursing process. • bring relevant knowledge from related sciences, such as the principles of anatomy and physiology, to the planning, justification and implementation of care for those with impaired nutrition and excretion. • decide, together with the client, irrespective of their age, on nursing interventions and carry them out properly and professionally. • advise clients on the basis of current scientific knowledge on the subject of nutrition and excretion in a situation-appropriate manner. • shape situations in people's personal environments in such a way as to preserve the physical, psychological, social, spiritual and cultural integrity of those in need of nursing. 							
3.	Contents							
	<ul style="list-style-type: none"> • Nursing and referential approach to the importance of nutrition and excretion for humans • Epidemiology of diseases in the context of nutrition, metabolism and excretion • Nutrition: composition of food, nutrients, nutrient calculation, components of a healthy, balanced diet, nutritional requirements, food preparation and food intake, importance and requirements of nutrition in the various phases of life • Cultural, religious, age-specific and social needs of people in the context of nutrition and excretion • Nutrition in the context of health promotion and prevention • Use of general and specific assessment instruments and nursing diagnostics to assess food intake and nutritional status and their deviations (e.g. body mass index calculation, assessments of malnutrition, undernourishment and overeating and swallowing disorders, percentiles) and disorders of excretion • Caring for people of all ages with malnutrition, swallowing disorders, chronic diseases of the digestive system, and surgical interventions in the digestive system 							

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	<ul style="list-style-type: none"> • Options for hydration and nutritional replacement therapy (parenteral nutrition) • Care and nursing of people in all age categories with parenteral nutrition (e.g. handling of peripheral and central venous catheters, care measures during infusion therapy in infants and children, feeding tubes) • Caring for patients with impaired excretory function following an operation (e.g. artificial urinary diversion, stoma systems) • Support of excretion (e.g. drainage aids such as urinary catheters and suprapubic fistula catheters, intestinal enemas), promotion of urinary continence in care (according to the expert standard of the DNQP)
4.	Participation requirements
	None
5.	Form of assessment
	Oral examination, performance examination or written examination (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Anne-Kathrin Seegert, M.A.
9.	Other information

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Area A: Principles of Professional Action A3: Nursing Process and Biomedical Principles III								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	2nd sem.	Annual	Summer	1 sem.	Compulsory module	BA
1	Course type	Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language	
	Lecture: 0 Sem. tuition: 75 h Skills Lab: 15 h	6 SCH/ 90 h	60 h	Lecture by teaching staff, partner work, sem. group work, Skills Lab		15 / 35	German	
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> record and assess individual care needs, potential risks and health hazards in complex and highly complex acute and long-term care situations, and utilise specific science-based assessment procedures. (K. 1.1). design the reserved activities responsibly and position knowledge of nursing science in the intra- and interdisciplinary team (K. 5.3) (K. 5.3). bring relevant knowledge from related sciences, such as the principles of anatomy and physiology, to the planning, justification and implementation of care for those with neurological and psychiatric disorders. decide, together with the client, irrespective of their age, on nursing interventions and carry them out properly and professionally. independently implement adapted rehabilitative, evidence-based nursing interventions for people of all ages with neurological diseases and guide other employees, as well as those in need of care and their relatives, accordingly, and evaluate this process. advise those in need of care and their relatives on the selection of a suitable facility for rehabilitation and involve appropriate advisory bodies in the process at an early stage. develop and reflect on a well-founded position on ethical borderline situations in psychiatric fields of work and adopt this argumentatively. 							
3.	Contents							
	<ul style="list-style-type: none"> Nursing and reference science approach to the importance that neurological and psychiatric diseases can have for people, as well as selected physical and mental disabilities Epidemiology of neurological and psychiatric diseases in relation to all age groups Observation, examination, analysis and evaluation of physiological and pathological nerve functions, e.g. consciousness and disorders of consciousness, phases of sleep, sleep disorders, sleep promotion and principles of sleep hygiene Care for patients of all ages with psychiatric and neurological diseases and following neurosurgical interventions Multi-professional exchange on (early) physiotherapy measures Care and support for people and relatives with brain damage (including vegetative state) or injuries to the spinal cord, including crisis management after accidents Observation, examination, analysis and evaluation of the behaviour of people with mental illnesses and disabilities Social conditions for people with disabilities and/or mental illness, as well as forms and structures of care (therapy and rehabilitation offers for people with mental illness; child and adolescent psychiatry; community-based networking of support structures, drug-related 							

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	and non-drug-related therapy methods; nursing theories and concepts in psychiatric work contexts)
4.	Participation requirements
	None
5.	Form of assessment
	Oral examination, performance examination or written examination (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Anne-Kathrin Seegert, M.A.
9.	Other information

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Area A: Principles of Professional Action A4: Nursing Interventions in Diagnosis and Therapy I								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	2nd sem.	Annual	Summer	1sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 30 h Skills Lab: 30 h		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. group work, Skills Lab, PBL		15 / 35	German
2.	Learning outcomes/competences							
	<p>Course graduates</p> <ul style="list-style-type: none"> record and assess individual care needs, potential risks and health hazards in complex and highly complex acute and long-term care situations, and utilise specific science-based assessment procedures. (K. 1.1). carry out medical instructions and measures for diagnostics, therapy or rehabilitation independently and taking into account in-depth, research-based knowledge, in accordance with the legal provisions. (K. 3.2). have the competence to recognise the corresponding care needs of people of all ages, know their own possibilities and limits of their area of responsibility, and pass them on to the appropriate offices or other professional groups, taking into account current liability regulations. empower people of all ages and their caregivers in the diagnosis and therapy setting through individual advice, training and guidance, and support them. participate in medical diagnostics, therapy, monitoring and medically prescribed measures, carry out delegated tasks responsibly, reflect on and evaluate them, and communicate with the treatment team on their area of responsibility both orally and in writing. organise their intra- and interprofessional actions responsibly by passing on information about clients in an appropriate manner. They communicate their observations with them, explain measures for invasive interventions, and record and take into account the clients' needs. advise and guide people of all ages and their caregivers in different care contexts on various therapeutic and diagnostic interventions in a person- and situation-oriented manner. justify their own actions against the background of in-depth knowledge, and design collaborations with other health professions in a goal-oriented manner. classify and assess drug use and its effects, as well as side effects, in the context of medical therapy, and monitor them responsibly. 							
3.	Contents							
	<ul style="list-style-type: none"> Preparation, support and follow-up of diagnostic and therapeutic interventions (e.g. blood collection, BG measurement, injections, infusions, imaging procedures and transfusion therapy, etc.) Care and nursing of people in all age categories with parenteral nutrition (e.g. handling of peripheral and central venous catheters, care measures during infusion therapy in infants and children) <p>Pharmacology</p> <ul style="list-style-type: none"> Medicines Act (Arzneimittelgesetz) and directives Pharmacokinetics and pharmacodynamics Application forms Effects of drugs Complex drug regimen 							

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	<ul style="list-style-type: none"> • Hygienic aspects of diagnostic and therapeutic procedures (e.g. personal and environmental hygiene, aseptic procedures) • Infection Protection Act (Infektionsschutzgesetz) • Challenges of and coping with nosocomial infections in different care contexts • Microbiology
4.	Participation requirements
	It is recommended that students have completed modules A1, A2 and A3 beforehand.
5.	Form of assessment
	Oral examination or performance examination (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Patrick Pust, M.A.
9.	Other information

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Area A: Principles of Professional Action A5: Nursing Interventions in Diagnosis and Therapy II								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	3rd sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 30 h Skills Lab: 30 h		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. group work, Skills Lab, PBL		15 / 35	German
2.	Learning outcomes/competences							
	<p>Course graduates</p> <ul style="list-style-type: none"> • record and assess individual care needs, potential risks and health hazards in complex and highly complex acute and long-term care situations, and utilise specific science-based assessment procedures. (K. 1.1). • assume responsibility for the organisation and implementation of interventions in life-threatening crises and disaster situations until the doctor arrives. (K. 1.4). • carry out medical instructions and measures for diagnostics, therapy or rehabilitation independently and taking into account in-depth, research-based knowledge, in accordance with the legal provisions. (K. 3.2). • know the legal liability requirements in connection with the participation in medical diagnosis and therapy procedures, and link their care activities with them. • participate competently in medical and technology-intensive diagnostics, carry out delegated tasks responsibly, reflect on and evaluate them, and communicate them verbally and in writing to the treatment team on their area of responsibility. • empower people of all ages and their caregivers in the diagnosis and therapy setting through individual advice, training and guidance, and support them. • organise their intra- and interprofessional actions responsibly by passing on information about clients in an appropriate manner. They communicate their observations with them, explain measures for invasive interventions, and record and take into account the clients' needs. • advise and guide people of all ages and their caregivers in different care contexts in a person- and situation-oriented manner on the different effects and application of forms of application. • classify and assess drug use and its effects, as well as side effects, in the context of medical therapy, and monitor them responsibly. 							
3.	Contents							
	<ul style="list-style-type: none"> • Pre- and post-invasive nursing interventions (e.g. for surgical procedures, endoscopic examinations, dialysis, ventilation procedures, punctures, etc.) • Hygienic aspects of diagnostic and therapeutic procedures (e.g. personal and environmental hygiene, aseptic procedures) <p>Pharmacology: focus on pre- and post-invasive nursing interventions</p> <ul style="list-style-type: none"> • Medicines Act (Arzneimittelgesetz) and directives • Pharmacokinetics and pharmacodynamics • Application forms • Effects of drugs • Complex drug regimen 							
4.	Participation requirements							

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	It is recommended that students have completed modules A1, A2, A3 and A4 beforehand.
5.	Form of assessment
	Oral examination or performance examination (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	TBD
9.	Other information

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Area B: Science-Based Work B1: Scientific Work								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	1st sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 60 h Skills Lab: 0		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. group work, tutorials in small groups		15 / 35	German, English
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> • have a basic understanding of the various approaches and methods for gaining scientific knowledge. • are aware of the importance and requirements of including research-based knowledge in nursing activities. • know and understand the characteristics and principles of scientific work. • apply techniques and methods of scientific work and are familiar with methods of the research, analysis and management of scientific literature. • know methods for the presentation of scientific outcomes. • know the principles and requirements of an academic term paper. • design subject-related discussion processes in English and, against the background of selected English technical vocabulary, can critically examine English-language specialist literature and discuss its main content. • utilise the principles of learning and memory psychology to independently design and reflect on their own learning processes. They know and understand the necessity of continuous, responsible, self-directed learning as the basis for professional nursing activities. • discover company and university learning opportunities at the relevant learning locations. 							
3.	Contents							
	<ul style="list-style-type: none"> • Techniques and methods of scientific work • Systematic literature research and analysis, as well as the presentation of research outcomes • Building libraries and databases • Formulation of questions for literature research in databases and libraries • Forms of citations and sources, bibliographies (e.g. Citavi) • Characteristics and quality criteria of scientific work, as well as guidelines for the implementation of term papers • Central principles of the English specialist vocabulary of nursing; 1 SCH • Critical thinking and reading strategies for German- and English-language academic texts • Design of learning processes • Principles of learning at different learning locations and learning methods (e.g. Skills Lab, study assignments, exercise rooms in practice) 							
4.	Participation requirements							
	None							
5.	Form of assessment							
	Term paper							

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6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Prof. Dr. Norbert Seidl
9.	Other information

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of the Faculty of Health (last updated: August 2020)**

Area B: Science-Based Work B2: Theories and Concepts of Nursing								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	2nd sem.	Annual	Summer	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 60 h Skills Lab: 0		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. group work		35	German
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> analyse, evaluate and reflect on nursing processes on the basis of scientific nursing and reference methods and theories. (K. 1.7). design the reserved activities responsibly and position knowledge of nursing science in the intra- and interdisciplinary team (K. 5.3) (K. 5.3). discuss the importance and tasks of nursing science, based on the historical development of nursing science and current challenges facing society. know about international developments in nursing science, as well as developments in the related disciplines of nursing, and derive implications for the development of German nursing science. reflect on the connections between academisation and professionalisation in the nursing profession. deal with concepts, theories and models of nursing science and analyse and evaluate them with regard to their scope and explanatory value. utilise concepts, theories and models of nursing to develop their own reasoned position for nursing actions. analyse the fields of action of the nursing professions and discuss, reflect on and evaluate their professionalisation through nursing theories and models. reflect on nursing theories and principles of nursing science in order to find an accessible route to scientific theory approaches. recognise design options in the fields of nursing care on the basis of concepts, theories and models. 							
3.	Contents							
	<ul style="list-style-type: none"> National and international development of nursing science Significance of nursing science as a practical discipline Academisation and professionalisation of nursing Elements and methods of nursing science Concepts, theories and models of nursing science Selected nursing theories and their significance for the nursing process 							
4.	Participation requirements							
	None							
5.	Form of assessment							
	Term paper or oral examination (the type of examination is announced at the beginning of the semester by the module coordinator.)							
6.	Condition for the award of credit points							
	Module examination pass							
7.	Application of the module (in the following courses)							
	B.Sc. Nursing							

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8.	Module coordinator
	Prof. Dr. Änne-Dörte Latteck
9.	Other information

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Area B: Science-Based Work B3: Nursing Research								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	3rd sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 60 h Skills Lab: 0		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. group work		35	German
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> analyse, evaluate and reflect on nursing processes on the basis of scientific nursing and reference methods and research outcomes. (K. 1.7). classify nursing research in terms of design, research methods and outcomes, name the subject of nursing research and distinguish it from adjacent scientific disciplines with regard to the subject, question and the knowledge interest. know and understand the research process and the central quality criteria for generating scientific knowledge through research. They have an overview of various qualitative and quantitative designs of empirical research and have an initial understanding of the dependence of the research design on the knowledge interest. have an initial understanding of the importance of the plurality of methods in nursing research. They have an overview of qualitative and quantitative methods of data collection, sample selection and sample size, and data evaluation. critically evaluate different research outcomes and questions with the aid of broad, integrated base of knowledge and understanding. know ethical research principles, reflect on them, and are able to apply them exemplarily. assess the quality and informative value of research work and classify its results with regard to their relevance. 							
3.	Contents							
	<ul style="list-style-type: none"> Research process Quantitative and qualitative research designs Subject matter and questions of nursing science National and international approaches to nursing research, methods and instruments of data collection Data evaluation methods and data evaluation programmes (e.g. SPSS, MAX QDA) Research ethics 							
4.	Participation requirements							
	None							
5.	Form of assessment							
	Written examination, oral examination or term paper (the type of examination is announced at the beginning of the semester by the module coordinator.)							
6.	Condition for the award of credit points							
	Module examination pass							
7.	Application of the module (in the following courses)							
	B.Sc. Nursing							

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8.	Module coordinator
	Prof. Dr. Änne-Dörte Latteck
9.	Other information

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Area B: Science-Based Work B4: Evidence-Based Nursing I								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	180 h	6	5th sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 60 h Skills Lab: 0		4 SCH/ 60 h	120 h	Lecture by teaching staff, partner work, sem. group work, PBL		35	German
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> develop and evaluate reliable research outcomes and select them for their own area of activity. (K. 5.1). understand the principles of evidence-based nursing (EBN). know the six steps of the EBN process and can apply steps 1 - 4. determine the need for care and support in people of all ages with highly complex care problems and (chronic) disease progression against the background of their extensive knowledge. formulate a suitable question for the targeted research of scientific literature based on problems in nursing practice. conduct a systematic search of literature in scientific databases, ascertain the results of this search and summarise them in writing. 							
3.	Contents							
	<ul style="list-style-type: none"> Principles of the evidence-based nursing method (EBN) Six steps of the EBN process Management of a complex nursing situation (individual reflection on a highly complex nursing situation from Work-related Module V) Literature research and analysis using software tools for literature research and the processing of evidence 							
4.	Participation requirements							
	It is recommended that students have completed Modules B1, B2 and B3 beforehand.							
5.	Form of assessment							
	None, takes place in Module B5							
6.	Condition for the award of credit points							
	Module examination pass							
7.	Application of the module (in the following courses)							
	B.Sc. Nursing							
8.	Module coordinator							
	Prof. Dr. Norbert Seidl							
9.	Other information							

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Area B: Science-Based Work B5: Evidence-Based Nursing II								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	6th sem.	Annual	Summer	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 45 h Skills Lab: 15 h		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. group work, Skills Lab, PBL		15 / 35	German
2.	Learning outcomes/competences							
	<p>Course graduates</p> <ul style="list-style-type: none"> • develop and evaluate reliable research outcomes and select them for their own area of activity. (K. 5.1) • develop a well-founded understanding of nursing and a professional self-image as a university-qualified nurse. (K. 5.6) • prioritise problems and develop an action plan, which they then implement, manage and review. • establish evidence-based objectives and measures and draw on knowledge from nursing, social science and medical science. • bring together external and internal evidence and develop their own professional skills. • take a critical stance on the EBN method. • develop a recommendation for an intervention based on scientific results for nursing practice. 							
3.	Contents							
	<ul style="list-style-type: none"> • Reflection on nursing (dilemma) situations and nursing actions in practice • Care concepts from specific specialist literature, scientific literature and research projects • Evidence-based medicine in the field of nursing intervention classifications • Interprofessional implementation models • Analysis and evaluation of research • Critical examination of the EBN method 							
4.	Participation requirements							
	Successful completion of Modules B1, B2, B3 and B4 is recommended.							
5.	Form of assessment							
	Oral examination or term paper (the type of examination is announced at the beginning of the semester by the module coordinator.)							
6.	Condition for the award of credit points							
	Module examination pass							
7.	Application of the module (in the following courses)							
	B.Sc. Nursing							
8.	Module coordinator							
	Prof. Dr. Norbert Seidl							
9.	Other information							

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Area C: Nursing as a Profession C1: Professional Self-Image								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	1st sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 60 h Skills Lab: 0		4 SCH/ 60 h	90 h	Lecture by lecturer, PBL, partner work, sem. group work		35	German
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> develop a science-based understanding of nursing and a professional self-image as a university-qualified nurse. (K. 5.6) know the study and training goals, legal frameworks, and models of the profession and their anchoring in professional laws and study regulations, as well as the various learning locations. know the historical development of the basic structures of the German healthcare system, as well as the principles of social security, against the background of social requirements. recognise fundamental healthcare policy options for financing and the provision of services and healthcare. have knowledge of different explanatory approaches, theories and models of health and disease, as well as subjectively different disease theories. 							
3.	Contents							
	<ul style="list-style-type: none"> Overview of course content and structure, as well as areas of responsibility of academic carers Instruction in operationally necessary systems (including fire safety, instruction in the provisions of the GDPR) Legal aspects (including confidentiality, liability law, labour law, data protection, maternity protection and student representation) Professional ethical principles Nursing as a women's profession Gender aspects in nursing Principles of the structure of the healthcare system and levels of action (including health insurance system and long-term care insurance system) Theories, models and definitions of health and disease, definition of chronic and acute diseases Health hazards at work, prevention and coping strategies Introduction to care for those in need of nursing and cross-sector care management 							
4.	Participation requirements							
	None							
5.	Form of assessment							
	Oral examination or written examination (the type of examination is announced at the beginning of the semester by the module coordinator.)							
6.	Condition for the award of credit points							
	Module examination pass							
7.	Application of the module (in the following courses)							

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	B.Sc. Nursing
8.	Module coordinator Patrick Pust, M.A.
9.	Other information

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Area C: Nursing as a Profession C2: Work-Related Module I								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	1st sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Contact hours: <ul style="list-style-type: none"> Practical: 90 h University: 30 h 		2 SCH/ 30 h	30 h	Lecture by teaching staff, partner work, sem. group work, reflection, working on learning tasks		35	German
	Lecture: 0 Sem. tuition: 30 h Skills Lab: 0			Practical				
		3 assignments: one week each						
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> develop the basis for a well-founded understanding of nursing and a professional self-image as a university-qualified nurse. (K. 5.6) know about the planning, organisation, design, implementation, management and evaluation of nursing processes for people of all ages (based on K.1.1). 							
3.	Contents							
	Focus: orientation in the professional field and one's own role							
	Practical experience at the university:							
	<ul style="list-style-type: none"> Instruction in necessary operational systems (including fire safety, instruction in the provisions of the GDPR according to operational guidelines) Reflection course Evaluation of work orders Collegial consultation 							
	Practical study phase:							
	<ul style="list-style-type: none"> For orientation in the professional field, mandatory assignments three times a week in one of the three general care areas: inpatient acute care, inpatient long-term care, outpatient acute/long-term care, with specific observation tasks 							
4.	Participation requirements							
	None							
5.	Form of assessment							
	Performance examination or oral examination (ungraded) (the type of examination is announced at the beginning of the semester by the module coordinator.)							
6.	Condition for the award of credit points							
	Proof of practical hours worked in practice. Module examination pass							
7.	Application of the module (in the following courses)							
	B.Sc. Nursing							
8.	Module coordinator							
	Ariane Rolf, M.A.							

9.	Other information
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Area C: Nursing as a Profession C3: Communication and Interaction								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	2nd sem.	Annual	Summer	1 sem.	Compulsory module	BA
1	Course type	Contact hours	Self-study	Forms of teaching (learning methods)	Planned group size	Language		
	Lecture: 0 Sem. tuition: 30 h Skills Lab: 30 h	4 SCH/ 60 h 1 SCH/ 15 h English	90 h	Lecture by teaching staff, partner work, sem. group work, Skills Lab	15 / 35	German/ English		
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> • use an in-depth and critical knowledge of nursing and reference science in highly complex communication, interaction and counselling situations. (K. 2.1) • use forms of conversation in a manner appropriate to the situation and professionally organise conversations with patients, relatives, colleagues and managers, also in English. • have an understanding of different theories and models of communication and interaction and use these to analyse and evaluate conversational situations. • initiate and manage client-oriented interpersonal processes and adequately deal with conflicts in interactions. They assess situations and their potential appropriately and plan the achievement of goals, while taking into account the constitution of the relationship. • recognise communication as a complex activity that is significantly influenced by physical, age and developmental, psychological, socio-cultural and environmental factors. Based on the contextual conditions, they develop an understanding of the process nature of conversations and then deal with the control options in client-oriented interactions. • design verbal and non-verbal communication, including types of communication that touch the body, and communicate with patients. • develop an understanding of intra- and interpersonal conditions and processes that underlie your own actions and the actions of the interaction partner. • know the most common divergences in human thinking, perception and experience and have a basic understanding of learning and development processes over the human lifespan. • design and manage goal-oriented conversation situations with people in need of nursing and relatives in care based on theories, models and research outcomes. • understand communication and information as an essential aspect of parental integration in the care of children. • interpret and analyse possible causes of conflicts in the nursing setting and develop solutions. • analyse situations in which feedback is of central importance. They rate feedback as valuable and necessary in group processes and as a necessary means for self-reflection and personal development. • are able to integrate new digital forms of care communicatively into nursing processes and know the effects of digitisation on care processes. 							
3.	Contents							
	<ul style="list-style-type: none"> • Development theories, normative development tasks and critical life events over the human lifespan 							

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	<ul style="list-style-type: none"> • Conversation with patients in English for 1 SCH • Building and shaping relationships with those in need of care, relatives, colleagues and managers • Role theories & person perception • Definition of terms and research outcomes on the topics of trust, confidence building and empathy • Basic communication theories and models • Forms of communication, communication styles and conversation techniques • Occasions for professional communication • Situation analyses • Communication disorders, forms and rules of feedback
4.	Participation requirements
	None
5.	Form of assessment
	Oral examination or written examination (ungraded) (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	TBD
9.	Other information

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Area C: Nursing as a Profession C4: Work-Related Module II								Reference code		
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level		
	300 h (of which 150 h recognised for study)	5	2nd sem.	Annual	Summer	1 sem.	Compulsory module	BA		
1	Course type	Contact hours	Self-study	Forms of teaching (learning methods)	Planned group size	Language				
	Contact hours: <ul style="list-style-type: none"> • Practical: 200 h • University: 15 h Lecture: 0 Sem. tuition: 0 Case management: 15 h Skills Lab: 0 Practical support: 0.3 SCH/stud.	1 SCH/ 15 h	85 h	Lecture by teaching staff, partner work, sem. group work, reflection, working on learning tasks	Case management: 15 Practical guidance: 1	German				
		Practical								
			2 assignments: 3 + 5 weeks							
2.	Learning outcomes/competences									
	Course graduates <ul style="list-style-type: none"> • take responsibility for care processes in people of all ages and learn to plan, organise, design, implement, manage and evaluate them under supervision. (K 1) • record and assess individual care needs, potential risks and health hazards in complex and highly complex acute and long-term care situations, and utilise specific science-based assessment procedures. • recognise person- and situation-oriented communication and advice from care recipients of all ages and their caregivers. (K. 2) • recognise the design of intra- and interprofessional action in different systemic contexts and the further development of health and nursing care for people of all ages. (K. 3) • reflect on their own actions (based on K. 4) • begin to solve problems independently and transfer their knowledge through life and practical context into practice. 									
3.	Contents									
	Focus: working with the nursing process, communication and interaction practice at FH Bielefeld: <ul style="list-style-type: none"> • Special nursing concepts: kinaesthetics (infant handling), basal stimulation • Electronic client files • Reflection on action in individual nursing situations in case management, taking into account professional ethical principles • Reflection course • Evaluation of work orders • Collegial consultation Practical study phase: <ul style="list-style-type: none"> • One of three compulsory assignments in general care areas: either in inpatient acute care, inpatient long-term care or outpatient acute/long-term care with specific observation tasks • Shape the nursing diagnostic process • Accompanying work assignments (ILIAS) • Learning guidance from university teaching staff 									

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4.	Participation requirements
	None
5.	Form of assessment
	Performance examination or oral examination (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Proof of practical hours worked in practice. Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Anne-Kathrin Seegert, M.A.
9.	Other information

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Area C: Nursing as a Profession C5: Promotion of Health and Prevention								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	3rd sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 60 h Skills Lab: 0		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. group work, PBL		35	German
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> understand the importance of Public Health as a reference discipline of nursing in order to be able to take responsibility for the planning, design, implementation and evaluation of nursing processes, taking into account scientifically sound approaches to health promotion and prevention, use project descriptions to analyse the possible impacts of health promotion and prevention on nursing care, and thereby recognise the importance of evidence-based health promotion and prevention, understand the complementary relationship between health sciences and nursing in order to work in interprofessional teams on scientifically oriented, innovative solutions in health promotion and prevention, discover new fields of action and perspectives for individual professional development and further development of the profession, recognise the importance of health promotion and prevention for nursing staff in order to shape the organisation of nursing work so as to promote health. 							
3.	Contents							
	<ul style="list-style-type: none"> Nursing and the reference discipline of Public Health Evidence and quality in health promotion and prevention Public Health Action Cycle Prevention and health promotion in nursing care Strengthening resources in the case of chronic illness New fields of action (school health nursing, community health nursing, family health nursing) Prevention and health promotion for employees in healthcare (workplace health promotion) 							
4.	Participation requirements							
	None							
5.	Form of assessment							
	Oral examination, written examination or term paper (the type of examination is announced at the beginning of the semester by the module coordinator.)							
6.	Condition for the award of credit points							
	Module examination pass							
7.	Application of the module (in the following courses)							
	B.Sc. Nursing							
8.	Module coordinator							

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	Prof. Dr. Michaela Brause
9.	Other information

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Area C: Nursing as a Profession C6: Work-Related Module III								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	330 h	11	4th sem.	Annual	Summer	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Contact hours: <ul style="list-style-type: none"> Practical: 290 h University: 30 h Lecture: 0 Sem. tuition: 0 Case management: 15 h Skills Lab: 15 h Practical support: 0.3 SCH/stud.		2 SCH/ 30 h	10 h	Lecture by teaching staff, partner work, sem. group work, reflection, working on learning tasks		Case management: 15 Practical guidance: 1	German
				Practical				
				1 Use/ 7 weeks				
2.	Learning outcomes/competences							
	Course graduates <ul style="list-style-type: none"> assume responsibility, based on science, for the planning, organisation, design, implementation, control and evaluation of comprehensive nursing processes for people of all ages. (K. 1) act in an intra- and interprofessional way in different systemic contexts, responsibly design health and nursing care for people of all ages. (K. 3) reflect on their own actions and justify them against the background of laws, regulations and ethical guidelines. (K 4) resolve problems independently and transfer their knowledge through the life and practical context into practice. 							
3.	Contents							
	Focus: intensive examination of the nursing process, examination of assessment instruments Practice at FH Bielefeld <ul style="list-style-type: none"> Reflection on action in individual nursing situations in case management, taking into account professional ethical principles Survey and assessment of individual care needs in acute and permanent care situations on the basis of individual cases from operational practice using specific, science-oriented assessment procedures Practical study phase <ul style="list-style-type: none"> One of three compulsory assignments in general care areas: either in inpatient acute care, inpatient long-term care or outpatient acute/long-term care with specific observation tasks Accompanying work assignments (ILIAS) A stay abroad is optional.							
4.	Participation requirements							
	It is recommended that students have completed modules A1–A5, B1–B3, C1–C4, D1 and D2 beforehand.							
5.	Form of assessment							
	Performance examination, term paper or oral examination (the type of examination is announced at the beginning of the semester by the module coordinator.)							

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6.	Condition for the award of credit points
	Proof of practical hours worked in practice. Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	TBD
9.	Other information

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Area C: Nursing as a Profession C7: Advice and Guidance								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	6	4th sem.	Annual	Summer	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 45 h Skills Lab: 15 h		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. group work, Skills Lab		15 / 35	German
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> • support care recipients in developing everyday skills and in shaping their lives, taking into account an in-depth knowledge of nursing and related science. (K. 1.6) • use an in-depth and critical knowledge of nursing and reference science in highly complex communication, interaction and counselling situations. (K. 2.1) • analyse, reflect on and critically evaluate communication, interaction and advisory processes in nursing practice on the basis of nursing and referential methods, as well as ethical aspects. (K. 2.2) • conceptualise, design and evaluate counselling and instruction concepts based on reliable research outcomes. (K. 2.3) • know selected counselling concepts for people of all ages and use them in a targeted and problem-solving manner, taking into account patient preferences in counselling and instruction situations to acquire self-management skills. • know the concepts of participatory decision-making and decision coaching and apply them to the individual problem situations of the chronically ill, people in need of care, and/or their relatives. • plan the guidance of the chronically ill and/or those in need of care and/or relatives in a target-group-oriented manner, implement them and evaluate the results in terms of self-/dependent care skills systematically and based on criteria. • recognise overload phenomena in the chronically ill and/or those in need of care or relatives at an early stage and show alternative options for action to relieve or prevent overload. • analyse counselling and instruction situations with different target groups and objectives and evaluate them critically. if necessary, they initiate further counselling and instruction processes. • initiate and design coordination, counselling, coping and motivation processes with those in need of care of all ages, and relatives. • know theories, models and methods of collegial counselling, reflect on counselling and instruction processes for the chronically ill and/or those in need of care, and relatives, as a central field of professional care and evaluate them against the background of their own professional development. 							
3.	Contents							
	<ul style="list-style-type: none"> • Occasions for counselling • Counselling theories • Observation, assessment and promotion of individual learning processes, taking into account learning theories and adherence/compliance • Collegial consultation • Systemic, client-centred, family-oriented and cooperative counselling concepts • Participatory decision-making and decision coaching 							

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	<ul style="list-style-type: none"> • Structural concepts of practical guidance • Guidance process, planning, implementation and evaluation of an instruction situation with those in need of care or relatives • Health literacy • Specific counselling situations for people of all ages (e.g. vulnerable groups)
4.	Participation requirements
	None
5.	Form of assessment
	Performance examination or oral examination (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	TBD
9.	Other information

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Area C: Nursing as a Profession C8: Work-Related Module IV								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	330 h	10	4th sem.	Annual	Summer	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Contact hours: <ul style="list-style-type: none"> • Practical: 290 h • University: 30 h 		2 SCH/ 30 h	10 h	Lecture by teaching staff, partner work, sem. group work, reflection, working on learning tasks		Case management: 15	German
	Lecture: 0 Sem. tuition: 0 Case management: 15 h Skills Lab: 15 h Practical support: 0			Practical				
2 assignments: 3 + 5 weeks								
2.	Learning outcomes/competences							
Course graduates <ul style="list-style-type: none"> • assume responsibility, based on science, for the planning, organisation, design, implementation, control and evaluation of comprehensive nursing processes for people of all ages. (K. 1) • act in an intra- and interprofessional way in different systemic contexts, responsibly design health and nursing care for people of all ages. (K. 3) • have extensive knowledge of personal and situation-oriented communication and counselling for care recipients of all ages and their relatives. (K. 2) • conceptualise, design and evaluate on the basis of reliable research outcomes and consulting and training concepts. (K. 2.3) • resolve problems independently and transfer their knowledge through the life and practical context into practice. 								
3.	Contents							
Focus: Counselling and guidance for people of all ages and their relatives Practice at FH Bielefeld <ul style="list-style-type: none"> • Conception, design and development of evaluation approaches for evidence-based counselling and training concepts based on the content learned in Modules C3 and C7. • Consideration of professional ethical principles Practical study phase <ul style="list-style-type: none"> • One of three compulsory assignments in general care areas: either in inpatient acute care, inpatient long-term care or outpatient acute/long-term care with specific observation tasks • Accompanying work assignments (ILIAS) <p>A stay abroad is optional.</p>								
4.	Participation requirements							
It is recommended that students have completed modules A1–A5, B1–B3, C1–C7, D1 and D2 beforehand.								
5.	Form of assessment							

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	Performance examination, term paper or oral examination (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Proof of practical hours worked in practice. Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	TBD
9.	Other information

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Area C: Nursing as a Profession C9: Work-Related Module V								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	330 h	11	5th sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Contact hours: <ul style="list-style-type: none"> • Practical: 290 h • University: 30 h 		2 SCH/ 30 h	10 h	Lecture by teaching staff, partner work, sem. group work, reflection, working on learning tasks		Case management: 15 Practical guidance: 1	
	Lecture: 0 Sem. tuition: 0			Practical				
Case management: 15 h Skills Lab: 15 h Practical support: 0.3 SCH/stud.		2 assignments: 5 + 2 weeks						
2.	Learning outcomes/competences							
	Course graduates <ul style="list-style-type: none"> • plan, organise and design, while under supervision, science-based, highly complex nursing processes for people of all ages, and implement, manage and evaluate them. (K. 1) • develop competences for their own actions on the basis of scientific knowledge and professional ethical values and attitudes, as well as reflect on and justify participation in professional development. (K. 5) • develop and evaluate reliable research outcomes and select them for their own area of activity. (K. 5.1). • resolve problems independently and transfer their knowledge into practice through the real-life and practical context. • recognise and reflect on typical nursing phenomena and profession-related methods of action and dealing with things 							
3.	Contents							
	Focus: Evidence-based nursing practice at Bielefeld UAS <ul style="list-style-type: none"> • Reflection course/case management • Taking of different perspectives in the interpretation of an individual case and explanation of a question for the EBN project • Consideration of professional ethical principles • Learning guidance from university teaching staff • Accompanying work assignments (ILIAS) Practical study phase <ul style="list-style-type: none"> • One of three compulsory assignments in general care areas: either in inpatient acute care, inpatient long-term care or outpatient acute/long-term care with specific observation tasks • Management of a complex nursing situation (individual reflection on a complex nursing situation from Work-related module V) <p>A stay abroad is optional.</p>							
4.	Participation requirements							
	It is recommended that students have completed Modules A1–A5, B1–B3, C1–C8, D1 and D2 beforehand.							

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5.	Form of assessment
	Oral examination, performance examination or term paper (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Proof of practical hours worked in practice. Module examination pass.
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Prof. Dr. Norbert Seidl
9.	Other information

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Area C: Nursing as a Profession C10: Work-Related Module VI								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	330 h	10	5th sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Contact hours: <ul style="list-style-type: none"> • Practical: 290 h • University: 30 h Lecture: 0 Sem. tuition: 0 Case management: 30 h Skills Lab: 0 Practical support: 0		2 SCH/ 30 h	10 h	Lecture by teaching staff, partner work, sem. group work, reflection, working on learning tasks		Case management: 15	
				Practical				
				2 assignments: 6 + 2 weeks				
2.	Learning outcomes/competences							
	Course graduates <ul style="list-style-type: none"> • plan, organise and design, while under supervision, science-based, highly complex nursing processes for people of all ages, and implement, manage and evaluate them. (K. 1) • develop competences for their own actions on the basis of scientific knowledge and professional ethical values and attitudes, as well as reflect on and justify participation in professional development. (K. 5) • know the six steps of the EBN process and apply them in nursing practice. • conceptualise an EBN project and implement it in practice. • establish evidence-based objectives and measures and draw on knowledge from nursing, social science and medical science. • bring together external and internal evidence and develop their own professional skills. 							
3.	Contents							
	Focus: evidence-based nursing Practice at FH Bielefeld <ul style="list-style-type: none"> • Reflection course/case management taking into account professional ethical principles • Accompanying work assignments (ILIAS) Practical study phase <ul style="list-style-type: none"> • Possibility of a practical study phase at other institutions under Section 7 PflBG (Gesetz über die Pflegeberufe – Nursing Professions Act) and PflAPrV (Ausbildungs- und Prüfungsverordnung für die Pflegeberufe – Education and Examination Regulation for the nursing professions) Appendix 7 VI.1 (specified by the DVO PflBG NRW (implementing regulation for North Rhine Westphalia) Section 1 (3)) A stay abroad is optional.							
4.	Participation requirements							
	It is recommended that students have completed Modules A1–A5, B1–B3, C1–C9, D1 and D2 beforehand.							
5.	Form of assessment							
	Performance examination or oral examination (the type of examination is announced at the beginning of the semester by the module coordinator.)							
6.	Condition for the award of credit points							

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of the Faculty of Health (last updated: August 2020)**

	Proof of practical hours worked in practice. Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Prof. Dr. Norbert Seidl
9.	Other information

**Module catalogue for the bachelor's study programme in "Nursing"
of the Faculty of Health (last updated: August 2020)**

Area C: Nursing as a Profession C11: Digital Future Skills in Nursing								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	6th sem.	Annual	Summer	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 60 h Skills Lab: 0		4 SCH/ 60 h	90 h	ILIAS materials; occupational situations as vodcasts, podcasts or videos; flipped classrooms; online peer review; webinar; web conferences		35	German, English
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> • use research-based problem solutions and new technologies for the design of care processes (K. 5.2) • collect, analyse and manage digital information. • use learning platforms and web conferences. • moderate between IT and users and in the interprofessional team. • regularly back up data and protect it from attacks. • handle data in an ethically responsible and self-reflective manner. • know the legal framework conditions. • use work and creativity techniques. • develop projects online and manage them responsibly. 							
3.	Contents							
	<ul style="list-style-type: none"> • Significance and developments of digital transformation in nursing • Challenges and barriers in digital transformation in nursing • Fields of action for university-educated nurses • Innovations, developments and trends in digital transformation • Case outlines on the challenges of digital transformation in nursing • Ambient assisted living, smart home • Robotics in nursing • Technical assistance systems (sensor systems, wearables, etc.) • Use of Telecare/eCare 							
4.	Participation requirements							
	None							
5.	Form of assessment							
	Performance examination, oral examination or written examination (the type of examination is announced at the beginning of the semester by the module coordinator.)							
6.	Condition for the award of credit points							
	Module examination pass							
7.	Application of the module (in the following courses)							
	B.Sc. Nursing							
8.	Module coordinator							

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of the Faculty of Health (last updated: August 2020)**

	Prof. Dr. Änne-Dörte Latteck
9.	Other information

Module catalogue for the bachelor's study programme in "Nursing"
of the Faculty of Health (last updated: August 2020)

Area C: Nursing as a Profession C12: Work-Related Module VII								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	450 h	15	7th sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Contact hours: <ul style="list-style-type: none"> • Practical: 390 h • University: 60 h Lecture: 0 Sem. tuition: 30 h Case management: 15 h Skills Lab: 15 h Practical support: 0.3 SCH/stud.		4 SCH/ 60 h	30 h (to be completed in practice)	Lecture by teaching staff, partner work, sem. group work, reflection, working on learning tasks		Seminar: 35 Case management: 15 Practical support: 1	German
2.	Learning outcomes/competences							
	Course graduates <ul style="list-style-type: none"> • plan, organise and design science-based, highly complex nursing processes for people of all ages, and implement, manage and evaluate them. (K. 1) • implement person- and situation-oriented communication and counselling for care recipients of all ages and their caregivers. (K. 2) • act in an intra- and interprofessional way in different systemic contexts, responsibly design health and nursing care for people of all ages and develop them further. (K. 3) • reflect on their own actions, justify them against the background of laws, ordinances and ethical guidelines, and work under supervision in the development and implementation of high-quality management concepts, guidelines and expert standards. (K. 4) • reflect on and justify their own actions on the basis of scientific knowledge and professional ethical values and attitudes, as well as reflect on and justify participation in professional development. (K. 5) 							
3.	Contents							
	Focus: consolidation of learning Practice at FH Bielefeld <ul style="list-style-type: none"> • Reflection course/case management taking into account professional ethical principles • Learning guidance from university teaching staff • Accompanying work assignments (ILIAS) Practical study phase <ul style="list-style-type: none"> • Use in self-selected consolidation area 							
4.	Participation requirements							
	It is recommended that students have completed modules A1–A5, B1–B5, C1–C11, D1–D3 beforehand.							
5.	Form of assessment							
	two written supervised papers as part of the professional examination							
6.	Condition for the award of credit points							

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of the Faculty of Health (last updated: August 2020)**

	Proof of practical hours worked in practice. Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Christiane Freese, M.A.
9.	Other information

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of the Faculty of Health (last updated: August 2020)**

Area C: Nursing as a Profession C13: Work-Related Module VIII								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	180 h	6	8th sem.	Annual	Summer	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Contact hours: <ul style="list-style-type: none"> • Practical: 150 h • University: 30 h Lecture: 0 Sem. tuition: 0 Case management: 30 h Skills Lab: 0 Practical support: 0.3 SCH/stud.		2 SCH/ 30 h	30 h (to be completed in practice)	Lecture by teaching staff, partner work, sem. group work, reflection, working on learning tasks	Case management: 15 Practical guidance: 1	German	
				Practical				
		1 Length / 5 weeks						
2.	Learning outcomes/competences							
	Course graduates <ul style="list-style-type: none"> • plan, organise and design science-based, highly complex nursing processes for people of all ages, and implement, manage and evaluate them. (K. 1) • implement person- and situation-oriented communication and counselling for care recipients of all ages and their caregivers. (K. 2) • act in an intra- and interprofessional way in different systemic contexts, responsibly design health and nursing care for people of all ages and develop them further. (K. 3) • reflect on their own actions, justify them against the background of laws, ordinances and ethical guidelines, and work under supervision in the development and implementation of high-quality management concepts, guidelines and expert standards. (K. 4) • reflect on and justify their own actions on the basis of scientific knowledge and professional ethical values and attitudes, as well as reflect on and justify participation in professional development. (K. 5) 							
3.	Contents							
	Focus: Practical examination at Bielefeld University of Applied Sciences <ul style="list-style-type: none"> • Reflection course/case management taking into account professional ethical principles • Learning guidance from university teaching staff • Accompanying work assignments (ILIAS) Practical study phase <ul style="list-style-type: none"> • Use in self-selected consolidation area 							
4.	Participation requirements							
	It is recommended that students have completed modules A1–A5, B1–B5, C1–C11, D1–D3 beforehand.							
5.	Form of assessment							
	Practical examination as part of the professional examination							
6.	Condition for the award of credit points							

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of the Faculty of Health (last updated: August 2020)**

	Proof of 2,300 practical hours in practice Health certificate Criminal record certificate Proof of participation in the courses at Bielefeld UAS Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Christiane Freese, M.A.
9.	Other information

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of the Faculty of Health (last updated: August 2020)**

Area C: Nursing as a Profession C14: Professional Understanding of the Profession								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	8th sem.	Annual	Summer	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 60 h Skills Lab: 0		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. group work, discussion forums		35	German
2.	Learning outcomes/competences							
	<p>Course graduates</p> <ul style="list-style-type: none"> • take part in social negotiation processes on the quality of nursing and medical care. (K. 4.3) • identify their own and cross-team profession-related further and continuing education needs. (K. 5.4) • develop a well-founded understanding of nursing and a professional self-image as a university-qualified nurse. (K. 5.6) • contribute to the further development of the profession. (K. 5.7) • discuss professionalisation approaches and theories, evaluate their importance for the understanding of the profession and derive consequences from this for their own educational process and their professional group. • reflect the social mandate, and the incentive and qualification systems of the professional field, both nationally and internationally, and use them for their own career planning. • explain in detail the importance of nursing self-administration (e.g. Chamber of Nursing – Pflegekammer), as well as professional associations and the effects of professional political involvement, e.g. via the German Federal Joint Committee (GBA – Gemeinsamer Bundesausschuss), with regard to healthcare policy decisions. • estimate the limits of their own competence to act in helping relationships and have the opportunity to plan their further training. • deal with the possible fields of activity for academic nurses, assess their own competence profile, and develop perspectives for their further professional careers. • know the ethics of their own profession, namely the international code of ethics of the International Council of Nurses (ICN), as a component part of professional theories. 							
3.	Contents							
	<ul style="list-style-type: none"> • Analysis of fields of activity, from clinical care to participation in research processes • Qualifications framework in an international context • Quality instruments and quality development in healthcare institutions • Scope and mandate for professional academic care • Qualification opportunities in master's and doctoral programmes • Education and career planning in nursing • Perception of ethical responsibility on an individual, organisational and social level 							
4.	Participation requirements							
	None							
5.	Form of assessment							
	Oral examination (the examination is part of the professional examination)							

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of the Faculty of Health (last updated: August 2020)**

6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Prof. Dr. Katja Makowsky
9.	Other information

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Area C: Nursing as a Profession C15: Elective Module								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	from the 1st sem.	Annual	Winter	1 sem.	Compulsory elective module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: Sem. Tuition: Skills Lab:		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. Group work		35	German
2.	Learning outcomes/competences							
	Students choose a module from the elective modules offered by Bielefeld UAS							
3.	Contents							
	Based on the chosen module from the elective modules offered by Bielefeld UAS							
4.	Participation requirements							
	None							
5.	Form of assessment							
	Based on the chosen module from the elective modules offered by Bielefeld UAS							
6.	Condition for the award of credit points							
	Module examination pass							
7.	Application of the module (in the following courses)							
	B.Sc. Nursing							
8.	Module coordinator							
	Christiane Freese, M.A.							
9.	Other information							
	The module selected from the compulsory elective offer at Bielefeld UAS must have at least 5 credit points. Three elective modules are offered in the "Health" bachelor's degree study.							

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Area C: Nursing as a Profession C16: Bachelor Thesis and Colloquium								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	300 h	10	8th sem.	Annual	Summer	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 0 Colloquium: 30 h Skills Lab: 0 Faculty tutoring: 0.3 SCH/stud.		2 SCH/ 30 h	270 h	Bachelor colloquium (to accompany the bachelor thesis)		Colloquium: 15 Faculty tutoring: 1	German
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> work on a problem or question from their special subject using scientific methods within a specified period. select a question based on the current state of science in one or more disciplines and elaborate on it in detail. obtain targeted information from scientific sources, process it, and use selected scientific methods and techniques. carry out analyses independently and contribute to the development of scientific concepts. evaluate their results, discuss them critically, and document them in writing. utilise appropriate scientific language and comply with formal requirements for written scientific papers. present the central concern, the methodology and the results of their bachelor thesis appropriately and advocate them to colleagues through the use of arguments. have an in-depth knowledge of searching for, selecting and analysing scientific literature and are able to use this knowledge efficiently to select a research topic if necessary and to narrow it down in relation to the task at hand. create a task from the subject area within a specified period and work on it independently and scientifically. formulate their own scientific questions and theses and present their results in writing in accordance with scientific standards. merge course-related theory and practice if necessary. have topic-relevant knowledge in order to be able to achieve and discuss detailed outcomes in a subject-specific manner. present subject-specific outcomes in context. use the instrumental knowledge acquired during the course to achieve project outcomes. clarify, structure and evaluate the methods and procedures used, as well as the overall context and the results achieved, in a differentiated and critical manner. apply the subject-related and interdisciplinary competences acquired during the course. 							
3.	Contents							
	<ul style="list-style-type: none"> Independent scientific work on a practice-relevant subject area Performance of a hermeneutic case analysis Formulation of research goals and questions Colloquium to advise students Instructions for scientific work Overview of research methods in the relevant underlying disciplines Evaluation and methods of data analysis Literature analysis Concept development 							

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of the Faculty of Health (last updated: August 2020)**

4.	Participation requirements
	Admission to the bachelor thesis is granted upon proof of at least 180 credits.
5.	Form of assessment
	Bachelor thesis
6.	Condition for the award of credit points
	Bachelor thesis pass (Credit points are not provided for participation in the bachelor's colloquium.)
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	All professors in the Nursing and Health department
9.	Other information

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Area D: People in Special Life Situations D1: Beginning of Life: Children and Young People								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	3rd sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 45 h Skills Lab: 15 h		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. group work, Skills Lab		15 / 35	German
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> assume responsibility for the planning, organisation, design, implementation, management and evaluation of nursing processes for people with special health problems, taking into account scientifically based approaches to health promotion, prevention and therapy. (K. 1.2) promote the development and autonomy of care recipients, taking into account their family contexts, life situations and living environments on the basis of a broad knowledge of nursing and related science. (K. 1.5) take into account the special features of these phases of life when caring for pregnant women, women who have recently given birth, and premature babies and newborns, and when promoting healthy nutrition and the development of premature babies and newborns, infants and toddlers. align their actions with the cultural, religious and socio-structural framework conditions of parenthood and reflect on structures of prenatal care, advice and childbirth preparation, legal and ethical aspects relating to pregnancy, childbirth and puerperium, as well as early life. counsel and inform pregnant women with regard to physiological and, if necessary, pathophysiological, changes during pregnancy in relation to the processes at both birth and the puerperium. derive nursing intervention options in crisis situations based on evidence, and implement and evaluate them. have the knowledge to provide self-help and counselling. select measures to encourage and support children and parents, initiate those measures, implement them if necessary, and evaluate them. have the competence to recognise a client's need for support, knowing their own possibilities and limits of the area of responsibility, bringing them into the interdisciplinary dialogue and, if necessary, forwarding information to the appropriate bodies. communicatively integrate new digital forms of care into the nursing processes of pregnant women, women who have recently given birth, premature and newborn babies, infants, children, adolescents and young adults, and critically reflect on the impact of mechanisation and digitisation. understand the importance of socialisation for health and personality development, derive consequences for their daily care routine, and justify them. 							
3.	Contents							
	Socialisation:							
	<ul style="list-style-type: none"> Basic concepts: development, socialisation over the course of one's life Family structure, family theories Physiological and psychological development as a lifelong process Principles of human behaviour (e.g. transtheoretical model), as well as reflection on selected relationships 							

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	<ul style="list-style-type: none"> • Overview of the importance of social processes, social roles and relationships <p>Pregnancy, childbirth and puerperium</p> <ul style="list-style-type: none"> • Sexuality, contraception and reproduction • Interdisciplinary cooperation and support for pregnant women and women who have recently given birth (including birth preparation, preventive care, prenatal diagnostics, legal aspects) • Socio-cultural framework conditions of parenthood • Physiology and pathophysiology of pregnancy/childbirth/puerperium • Breastfeeding and nutrition <p>Physiology and pathophysiology of premature and newborn babies</p> <ul style="list-style-type: none"> • Initial care for premature and scheduled babies • Nursing concepts for dealing with premature and on-schedule babies with and without disabilities, malformations and diseases • Cot death/SIDS • Special features of nursing when dealing with premature and on-schedule babies in connection with nutrition and metabolism • Pain assessment and pain management for premature and/or on-schedule births and children with disabilities <p>Provision for and development of the child/adolescent</p> <ul style="list-style-type: none"> • Medical check-ups for children and adolescents, including vaccinations • Motor and language development • Infectious diseases, selected acute and chronic somatic diseases, mental illnesses • Infant and toddler nutrition • Opportunities for post-inpatient counselling and support, e.g. for (chronic) illness, child disability, or in socially stressful life situations
4.	Participation requirements
	None
5.	Form of assessment
	Oral examination or written examination (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Prof. Dr. Katja Makowsky
9.	Other information

**Module catalogue for the bachelor's study programme in "Nursing"
of the Faculty of Health (last updated: August 2020)**

Area D: People in Special Life Situations D2: In Old and Advanced Age								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	3rd sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 45 h Skills Lab: 15 h		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. group work, Skills Lab		15 / 35	German
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> • assume responsibility for the planning, organisation, design, implementation, management and evaluation of nursing processes for people with special health problems, taking into account scientifically based approaches to health promotion, prevention and therapy. (K. 1.2) • promote the development and autonomy of care recipients, taking into account their family contexts, life situations and living environments on the basis of a broad knowledge of nursing and related science. (K. 1.5) • collect and assess individual care needs, potential risks and health hazards in complex, acute and long-term care situations and utilise specific science-oriented assessment procedures. (K. 1.1) • promote the development and independence of elderly care recipients, taking into account their family contexts, living situations and living environments on the basis of a broad knowledge of nursing and related science. • have extensive knowledge of selected geriatric and geriatric psychiatric diseases. • have the knowledge and the competence to identify cognitive and physical limitations in people in advanced and old age and assess the associated need for support. • have key competences in nursing and psychosocial care for older people, taking into account the participation and self-determination of the care recipient and, if applicable, their caregivers. • advise and support the elderly and their caregivers in setting up professional and private support networks. • cooperate with all roles involved in caring for the elderly. 							
3.	Contents							
	<ul style="list-style-type: none"> • Demographic developments • Image and theories of old age • The elderly and their special needs from a psychological, biographical, economic and social point of view • Forms of housing and care (e.g. integrative and segregative care) and care structures for the elderly (e.g. residential groups, outpatient care, day care centres) • Development of social support networks (social participation and creation of care and respite services) • Care in the family • Legal aspects of care <p>Examples of geriatric and geriatric psychiatric illnesses</p> <ul style="list-style-type: none"> • Apoplexy • Parkinson's disease • Dementia • Multiple morbidities 							

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	<ul style="list-style-type: none"> Geriatric assessments, e.g. Mini Mental Status examination, dementia care mapping etc. <p>Examples of nursing and psychosocial care</p> <ul style="list-style-type: none"> Validation Memory maintenance Person-centred care
4.	Participation requirements
	None
5.	Form of assessment
	Written examination or oral examination (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Ariane Rolf, M.A.
9.	Other information

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of the Faculty of Health (last updated: August 2020)**

Area D: People in Special Life Situations D3: Chronic Care Conditions								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	6th sem.	Annual	Summer	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 45 h Skills Lab: 15 h		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. group work, Skills Lab		15 / 35	German
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> assume responsibility for the planning, organisation, design, implementation, management and evaluation of nursing processes for people with special health problems, taking into account scientifically based approaches to health promotion, prevention and therapy curation. (K. 1.2) promote the development and autonomy of care recipients, taking into account their family contexts, life situations and living environments on the basis of a broad knowledge of nursing and related science. (K. 1.5) know the typical courses of common chronic illnesses. They assess the associated physical symptoms, impairments and complications, as well as the associated psychosocial stresses, of chronically ill people of all ages and their caregivers, and take them into account in their nursing activities. use theoretical models and concepts to promote the self-management of chronically ill people of all ages and the social/family environment. take into account the perspective of chronically ill people of all ages, as well as the social/family environment. recognise and promote competence in self-care and self-management, as well as the health, social, emotional and cognitive resources of chronically ill people of all ages and their social/family network, and promote and shape them in the sense of individual care that maintains and promotes independence and quality of life. know social law and economic principles and care offers for chronically ill people of all ages. apply science-based advice, instruction, training and education programmes across professional groups to for chronically ill people of all ages and their relatives. bring their professional perspective and the perspective of chronically ill people of all ages to interprofessional teams, and advocate them. advise people of all ages on how to design a health-promoting living environment, guide them, and take into account members of vulnerable population groups. 							
3.	Contents							
	<ul style="list-style-type: none"> Nursing science and theoretical approach to the definition, characteristics and typical courses of chronic diseases Epidemiology of chronic diseases (including diabetes mellitus and rheumatism) Social inequality and its impact on the development and management of chronic diseases, identification of groups vulnerable to chronic diseases Prevention and health promotion in the context of chronic diseases (e.g. prevention of secondary diseases, design of a health-promoting living environment in social, professional and family contexts) 							

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	<ul style="list-style-type: none"> • Pathology of chronic diseases (e.g. diabetes mellitus, rheumatic diseases, etc.), pathophysiological changes, diagnostics and medical therapy • User-oriented perspective with regard to coping, quality of life, experiencing illness, coming to terms with and coping with illness for chronically ill people of all ages and their social environment (e.g. trajectory model, coping concepts, illness constellation model) • Goals and outcomes of national and international disease management and education programmes • Self-help groups, counselling centres, care facilities and physiotherapy offers for chronically ill people of all ages • Multi-professional exchange on (early) physiotherapy measures
4.	Participation requirements
	None
5.	Form of assessment
	Written examination or oral examination (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	TBD
9.	Other information

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of the Faculty of Health (last updated: August 2020)**

Area D: People in Special Life Situations D4: Highly Stressful and Critical Life Situations								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	7th sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 45 h Skills Lab: 15 h		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. group work, Skills Lab		15 / 35	German
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> assume responsibility for the planning, organisation, design, implementation, management and evaluation of nursing processes for people with special health problems, taking into account scientifically based approaches to health promotion, prevention and therapy. (K. 1.2) assume responsibility for the planning, organisation, design, implementation, management and evaluation of care processes for people in highly stressful and critical life and care situations, including those with highly complex care needs, specific client groups and special process dynamics in a science-based and case-oriented manner, and assume responsibility for the organisation and implementation of interventions in life-threatening crisis and disaster situations. (K. 1.3) promote the development and autonomy of care recipients, taking into account their family contexts, life situations and living environments on the basis of a broad knowledge of nursing and related science. (K. 1.5) assess people with an oncological or life-threatening illness in their specific, highly stressful life situation, and recognise their special needs and care needs. analyse social, cultural, institutional, legal and economic framework conditions in the care of people with an oncological disease in critical life situations. deal with the topics of crisis management, dying and grief as central experiences in nursing and the health professions and develop action plans to support those affected and the social network, which they implement with suitable support measures. recognise ethical problems in the professional care of people with an oncological disease, differentiate ethical ways of thinking, and justify their own decisions on the basis of the ICN code of ethics. know the importance of relationship work when dealing with the dying or with patients with an oncological disease and their caregivers. accompany patients and close caregivers in the phase of dying, accept their specific needs and support them in coming to terms and coping with loss and grief. modify concepts for the support of the seriously ill in coping with illness, geared to the individual care needs, and implement them. 							
3.	Contents							
	<ul style="list-style-type: none"> Nursing science and related science approach to the meaning, implications and consequences of an oncological disease for the person affected and their social environment Epidemiology and economic effects of oncological diseases (of all ages) Health promotion and prevention of oncological diseases (e.g. patient education, empowerment) 							

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of the Faculty of Health (last updated: August 2020)**

	<ul style="list-style-type: none"> • Pathophysiology, medical diagnostics and therapy of selected oncological diseases (e.g. bronchial carcinoma, breast carcinoma, colon carcinoma, leukaemia) • Nursing diagnostics of appearances associated with oncological diseases (e.g. pain, chemotherapy and radiation) • Pre- and post-operative care for extensive curative and palliative interventions (e.g. wound management according to the DNQP expert standard) • Cross-institutional guarantee of drug and non-drug therapy schemes (e.g. pain management – DNQP expert standard and WHO level scheme, wound management, discharge management) • Multi-professional care design for people with oncological diseases (e.g. physiotherapy, family health nursing, community health nursing) • Psychosocial support for people with oncological diseases and their relatives • Scientific and cultural approach to the subjects of dying, death and mourning • Curative care, palliative care and hospice care in the context of oncological diseases • Breaking bad news
4.	Participation requirements
	None
5.	Form of assessment
	Written supervised examination as part of the professional examination
6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	TBD
9.	Other information

**Module catalogue for the bachelor's study programme in "Nursing"
of the Faculty of Health (last updated: August 2020)**

Area E: Framework Conditions for Nursing Activities E1: Healthcare Systems and Social Law								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	6th sem.	Annual	Summer	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 60 h Sem. tuition: 0 Skills Lab: 0		4 SCH/ 60 h	90 h	Lecture by teaching staff		70	German
2.	Learning outcomes/competences							
	<p>Course graduates</p> <ul style="list-style-type: none"> perform a scientifically based analysis of current nursing/healthcare structures and reflect on them critically. (K. 3.3) perform a scientifically based analysis of legal, economic and social framework conditions, as well as quality management and quality development processes, and reflect on them critically. (K. 4.1) analyse the different care structures and conditions for nursing activities with regard to their specific nursing and care mandate, draw appropriate conclusions for their own competence profile, and understand economic relationships in the healthcare economy. have extensive knowledge of the social security system in Germany, with its organisational and financial management, and effect of management and regulations. deal critically with current socio-political discourses and reform ideas for the design and financing of healthcare, including in an international comparison. reflect on their knowledge against the background of social and demographic developments, as well as with regard to changes in care structures and needs. In doing so, they take the nursing perspective into account and develop a deeper understanding of existing care structures and necessary changes, as well as take a critical view of them. estimate, based on the historical development of the profession, history, and current processes of social change, the areas of responsibility of nursing, develop a reflective position on this, adopt it, and develop it further. 							
3.	Contents							
	<ul style="list-style-type: none"> The social security system in Germany Setup, structure and historical development of the German healthcare system Basics of health policy Structure and topics of social security codes (health, long-term care and accident insurance, rehabilitation and participation of people with disabilities) Introduction to the organisation and financing of outpatient and inpatient care, principles of the financing of healthcare services (national and international) International development of the nursing professions Role of the WHO and European healthcare policy networks National strategies, reform approaches and concepts of health and social policy (e.g. national insurance, flat rate per capita) Principles of delegation and substitution of medical activities 							
4.	Participation requirements							
	None							
5.	Form of assessment							

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of the Faculty of Health (last updated: August 2020)**

	Oral examination or term paper (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Prof. Dr. Christa Bükler
9.	Other information

**Module catalogue for the bachelor's study programme in "Nursing"
of the Faculty of Health (last updated: August 2020)**

Area E: Framework Conditions for Nursing Activities E2: Ethics in Nursing								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	6th sem.	Annual	Summer	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 45 h Skills Lab: 15 h		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. group work, Skills Lab		15 / 35	German
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> • make well-founded ethical decisions in moral conflict and dilemma situations, taking into account human rights and nursing ethics approaches and promote professional ethical action in nursing practice. (K. 2.4) • perform a scientifically justified analysis of and reflection on professional ethical values and attitudes. (K. 5.5) • understand that ethically justified decisions are a genuine part of professional caregiving. • analyse causes, impacts, prevention and action strategies in connection with occupational stress factors in nursing-related contexts and with reference to their knowledge of nursing and reference sciences. • have the ability to take responsibility for their professional actions, develop an awareness of the risks and consequences of their actions, and justify the decisions they make. • have the ability to critically reflect on their actions in relation to care recipients, in relation to professional practice, in relation to nursing practice, nursing science, professional and political aspects, and with regard to colleagues, against the background of overarching ethical principles and adhere to these principles. • contribute psychological and social science findings as a basis for dialogue with clients, relatives and colleagues, and apply them to specific situations. • apply their knowledge and skills to support the establishment of ethics consultation in institutions and facilities. In this, they reflect on hierarchical structures in institutional contexts and take a productive attitude. 							
3.	Contents							
	<ul style="list-style-type: none"> • Proximity and distance • Basic ethical principles • Forms of ethical reflection in nursing • Ethical case meetings, ethics visits, ethical guidelines • Hierarchy, power and violence (also communicative and structural) • Stress factors and coping strategies in nursing • Collegial advice and conflict management • Palliative care • Nursing tasks in ethically reflective situations, issues and fields of action (e.g. in relation to socio-cultural and religious aspects or to interaction with the dying and their relatives) 							
4.	Participation requirements							
	None							
5.	Form of assessment							

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of the Faculty of Health (last updated: August 2020)**

	Oral examination, written examination or term paper (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Prof. Dr. Katja Makowsky
9.	Other information

**Module catalogue for the bachelor's study programme in "Nursing"
of the Faculty of Health (last updated: August 2020)**

Area E: Framework Conditions for Nursing Activities E3: Financing and Quality of Nursing Care								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	7th sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 60 h Sem. tuition: 0 Skills Lab: 0		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. Group work		70	German
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> conceptualise and design the organisation of nursing work in nursing teams with heterogeneous qualifications and in different care settings on the basis of reliable research outcomes. (K. 3.1) perform a scientifically based analysis of legal, economic and social framework conditions, as well as quality management and quality development processes, and reflect on them critically. (K. 4.1) participate in the development, implementation and evaluation of innovative science-based or science-oriented approaches to quality management and quality development. (K. 4.2) take part in social negotiation processes on the quality of nursing and care. (K. 4.3) reflect on the structure and process organisation, as well as the decision-making processes, of a ward and recognise ways of influencing the quality of care. understand the business context in the health economy starting from the macro, via the meso, to the micro level. are confident in their understanding of efficiency, effectiveness, profitability and liquidity. are familiar the legal principles and procedures for financing nursing services in the various fields of action. determine a capital and financing requirement. utilise the relationship between liquidity planning, capital commitment and financing requirements with which they are familiar in order to derive the optimal financing of the facility. understand care quality as the result of the optimisation of the quality of the structure, process and outcome. measure the quality of care in facilities with the aid of selected criteria and methods and develop science-based solutions to problems. evaluate and apply selected methods of quality assurance and development. understand quality management as a progressive development process in institutions and use exemplary strategies for change management. design interdisciplinary team processes to initiate quality development, develop solutions and create consensus. cooperate on the development of a quality management system for the facility and prepare certification or re-certification procedures. 							
3.	Contents							
	<ul style="list-style-type: none"> Financing of inpatient and outpatient care services Financing of nursing training Principles of business theory, legal forms of businesses, financing and investments by healthcare companies 							

**Module catalogue for the bachelor's study programme in "Nursing"
of the Faculty of Health (last updated: August 2020)**

	<ul style="list-style-type: none"> • Perspectives on costs, benefits, needs and resource allocation of nursing care • Quality of care: concept, dimensions and objectives • Introduction to quality management: measurement, development, assurance and certification of care quality
4.	Participation requirements
	None
5.	Form of assessment
	Oral examination, written examination or term paper (the type of examination is announced at the beginning of the semester by the module coordinator.)
6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	TBD
9.	Other information

**Module catalogue for the bachelor's study programme in "Nursing"
of the Faculty of Health (last updated: August 2020)**

Area E: Framework Conditions for Nursing Activities E4: Intra-/Interprofessional Care Design								Reference code
No.	Workload	Credit points	Study semester	Frequency	Sem.	Duration	Type	Q level
	150 h	5	7th sem.	Annual	Winter	1 sem.	Compulsory module	BA
1	Course type		Contact hours	Self-study	Forms of teaching (learning methods)		Planned group size	Language
	Lecture: 0 Sem. tuition: 60 h Skills Lab: 0		4 SCH/ 60 h	90 h	Lecture by teaching staff, partner work, sem. Group work		35	German
2.	Learning outcomes/competences							
	Course graduates							
	<ul style="list-style-type: none"> • conceptualise and design the organisation of nursing work in nursing teams with heterogeneous qualifications and in different care settings on the basis of reliable research outcomes. (K. 3.1) • perform a scientifically justified analysis of current nursing/healthcare structures, the management of care processes and forms of intra- and interprofessional cooperation, and reflect on these critically. (K. 3.3) • participate in the further development and implementation of innovative, science-oriented approaches to cooperation between professional groups and the management of care processes in and across different fields of care. (K. 3.4) • design the reserved activities responsibly and position knowledge of nursing science in the intra- and interdisciplinary team (K. 5.3) (K. 5.3) • have the competence to determine relevant information and findings on different care structures and to evaluate and assess them systematically and guided by criteria. • develop, with the help of the Public Health Action Cycle, new prevention and health concepts based on different problem situations and care settings, assess implementation opportunities, and recognise and consider approaches for quality evaluation. • advocate the job of the nursing professions in the interprofessional team and assess the profession-related division of labour with regard to function and effect. • know structured concepts for optimising patient care and contribute to their implementation and further development. • justify their own role in the context of case management in an interdisciplinary context, reflect on and develop it independently, and contribute to the interdisciplinary discussion on a case-by-case basis. • help shape the multi-professional consensus process related to the quality of care and treatment from the perspective of professional care. • shape, initiate and manage intra- and inter-professional forms of cooperation within the team with regard to patient-friendly and economical patient care in order to optimise the range of care and treatment. 							
3.	Contents							
	<ul style="list-style-type: none"> • Public Health Action Cycle for the development, implementation and evaluation of new offers and measures • Measures for primary, secondary, tertiary prevention, and health promotion (e.g. transfer options to various professional fields of activity) • Clinical pathways, change management, disease management programmes, integrated care, case and care management, discharge management • Interprofessional guidelines (development and implementation) • Care networks, community health promotion • Multi-professional team communication and exchange 							

**Module catalogue for the bachelor's study programme in "Nursing"
of the Faculty of Health (last updated: August 2020)**

	<ul style="list-style-type: none"> Skill and grade mix in nursing
4.	Participation requirements
	None
5.	Form of assessment
	Oral examination (as part of the professional examination)
6.	Condition for the award of credit points
	Module examination pass
7.	Application of the module (in the following courses)
	B.Sc. Nursing
8.	Module coordinator
	Prof. Dr. Christa Büker
9.	Other information

Presentation of the practical course components in the module handbook for the bachelor's study programme in "Nursing" of the Faculty of Economics and Health (as of August 2020)

The Nursing Profession Act does not prescribe the order of work-related assignments for university training. Therefore, the module descriptions of the work-related modules do not specify the order in which the orientation, compulsory and consolidation assignments must be taken. The following tables are used to illustrate the practical share of the 2,300 hours that students must work as part of their university education. Table 1 shows the proportion of practical hours in the relevant work-related modules. The calculation of the practical hours for admission to the professional examinations is based on an hour of 60 minutes. In contrast, one hour is calculated as 45 minutes in the work-related modules. By completing the work-related modules, students spend 2,106 hours in the cooperating institutions. The work-related modules take place within the lecture period during the relevant semesters.

Table 1: Proportion of practical hours in the work-related modules

Work-related module	Semester	Practical hours (1 hour = 60 minutes)	Duration of assignment (1 week = 39 hours)
Work-related module I	1	117 h	3 x 1 week
Work-related module II	2	273 h	3 + 4 weeks
Work-related module III	4	273 h	7 weeks
Work-related module IV	4	312 h	3 + 5 weeks
Work-related module V	5	273 h	5 + 2 weeks
Work-related module VI	5	312 h	6 + 2 weeks
Work-related module VII	7	390 h	3 + 7 weeks
Work-related module VIII	8	156 h	4 weeks
Total		2,106 h	

A further 117 hours, which are provided in the cooperating institutions, take place outside of the lecture period and are not counted towards the work-related modules (Table 2). This schedule was considered necessary in order not to shorten the modules that take place exclusively at the university. The phase planning on the following page illustrates the proportion of practical hours within and outside of the lecture period.

Table 2: Proportion of practical hours outside of the lecture period

Semester	Working hours (39 h/week)
End of 6th semester	1 week = 39 h
Start of 7th semester	1 week = 39 h
Start of 8th semester	1 week = 39 h
Total	117 h

Students complete a total of **2,223 hours** in cooperating institutions. In addition, 10% (**230 hours**) of the practical study phases are planned as Skills Lab units. The Skills Lab units are spread over the entire course of study (see document "Explanation of Skills Lab Units"). The planned practical course components thus amount to **2,453 hours**. In addition, students spend

Presentation of the practical course components in the module handbook for the bachelor's study programme in "Nursing" of the Faculty of Economics and Health (as of August 2020)

up to 117 hours during the three-week examination phase in the 8th semester in cooperating institutions and another 165 hours in the Skills Lab. The Nursing Profession Act requires 2,300 hours in order to sit examinations for admission to the profession.

Phase planning for the bachelor's study programme in "Nursing"

