



الجامعة الألمانية الأردنية
German Jordanian University

German Jordanian University

School of Applied Medical Sciences

Department of Nursing

The Bachelor of Science in Nursing (B.Sc.)

Study Plan 2023

I. Program Vision

To be one of the top national and international nursing programs for excellence and innovation in nursing education, research, leadership and practice

II. Program Mission

Providing competent and professional nursing graduates through innovative education and training according to local and international standards can improve the healthcare system, contribute effectively to community services, and deliver the best evidence-based practice.

III. Program General Description

This program provides the students with the needed competencies in nursing skills to provide safe, evidence-based, patient-centered nursing care. With clinical courses comprising (60%) of the nursing credit hours of the study plan, the students will gain the required competency by integrating the theory and the clinical courses. Moreover, the program qualifies nurses who can provide health care in different specialties according to local and international standards, maximizing their employability in the hospitals in Jordan and the world.

IV. BS.c. Program Objectives

1. Provide high-quality nursing education programs and training according to national and international competencies.
2. Enhance creativity and innovation in client care, management, decision-making, leadership, and quality.
3. Build strategic and sustainable collaboration with national and German healthcare institutes, which enhances nursing knowledge and provides advanced clinical training.
4. Promote the concepts of health and well-being to different societies and effectively enhances community awareness about health challenges.

V. Learning Outcomes

By the end of the program, the graduate of the B.Sc. at GJU will be able to:

1. Deliver a competent quality of nursing care to individuals, families, and societies according to the German and Jordanian standards and the core competencies of the registered nurse.
2. Use problem-solving techniques to prepare a quality client-centered care plan.

3. Demonstrate a high level of professional standards, values, ethics, and behavior in providing nursing care to clients.
4. Communicate effectively with the individuals, families, healthcare professionals, and organizations in Germany and Jordan, considering culture, beliefs, and values variations.
5. Apply the principles of leadership, management, and the concepts of evidence-based practice in providing safe nursing care.

VI. Course Numbering

- The Nursing science courses are tabled and numbered in such a manner to recognize each course regarding its subject area, year or level, and semester offered.
- Ex. NUR XYZ: The NUR symbol in the course number denotes Nursing, and (XYZ) is a 3-digits number:

Department	Level	Subject	Sequence
NUR	1	2	3

- A. The first digit (x) denotes the year level of the course according to the student's study Plan as follows:

Code	Level/year
1	First-year
2	Second year
3	Third year
4	Fourth-year

- B. The second digit (y) denotes the course topic as follows:

Number	Subject
0	Social Sciences
1	General Sciences
2	Nursing fundamentals
3	Basic Medical Sciences
4	Adult and Critical Health Nursing
5	Maternity Health Nursing
6	Child Health Nursing
7	Psychiatric and Mental Health Nursing
8	Community and Geriatric Health Nursing
9	Leadership and Management

- C. The third digit (z) denotes the academic semester or the tracking number for fourth-year standing elective courses offered according to the study plan.

NUR	3	2	1
Nursing	Level (Third year)	Subject (Basic Medical Sciences)	Sequence (First semester)

VII. Framework for B.Sc. Degree (Credit Hours)

Classification	Credit Hours		
	Compulsory	Elective	Total
University Requirements	21	6	27
School Requirements	25	0	25
Program Requirements	85	12	97
Total	131	18	149

1. University Requirements: (27 credit hours)

1.1. Prerequisite courses (6 credit hours)

Course ID	Course Name	Credit Hours	Contact Hours		Prerequisites / Co-requisites
			Lect	Lab	
ARB099	Arabic 99 ^a	0	3	-	-
ENGL099	English II ^a	0	3	-	-
Total		0	6	0	

1.2. Compulsory: (21 credit hours)

Course ID	Course Name	Credit Hours	Teaching method	Contact Hours		Prerequisites/ *Co-requisites
				Lect	Lab	
ARB100	Arabic	3	Online	3	-	ARB099
ENGL101	English III	1	F-to-F	3	-	ENGL099
ENGL102	English IV	1	F-to-F	3	-	ENGL101
ENGL201	English V	2	F-to-F	3	-	ENGL102
NUR202	English for Health Sciences	2	F-to-F	3	-	ENGL201 NUR121
GERL101B1	German I B1 track	3	F-to-F	9	-	-
GERL102B1	German II B1 track	3	F-to-F	9	-	GERL101B1
GERL102B2	German II B2 track	3		9	-	GERL101B1
MILS100	Military Science	3	Online	3	-	-
NE101	National Education	3	Online	3	-	-
NEE101	National Education (English)					
Total		21		39	0	

1.3. Elective: (6 Credit Hours) (two courses out of the following)

Course ID	Course Name	Credit Hours	Teaching method	Contact Hours		Prerequisites/ Co-requisites
				Lect	Lab	
BE302	Business Entrepreneurship	3	Online	3	-	ENGL101
DES101	Arts' Appreciation	3	Online	3	-	ENGL101, ARB099
EI101	Leadership and Emotional Intelligence	3	Online	3	-	ENGL101
IC101	Intercultural Communications	3	Online	3	-	ENGL101
PE101	Sports and Health	3	Online	3	-	ARB099
SE301	Social Entrepreneurship and Enterprises	3	Online	3	-	ENGL101
SFTS101	Soft Skills	3	Online	3	-	ENGL101
TW303	Technical and Workplace Writing	3	Online	3	3	ENGL102
NUR101	Introduction to psychology	3				

NUR102	Sociology	3				
NUR111	Nutrition *	3	F-to-F	3	-	
Total		6		6		

^a Not required for students who pass the placement test

^b Required for nursing students

2. School Requirements: (25 Credit Hours)

Course ID	Course Name	Credit Hours	Teaching method	Contact Hours		Prerequisites/ Co-requisites
				Lect	Lab	
GERL201B1	German III B1 track	3	F-To-F	6	-	GERL102B1
GERL201B2	German III B2 track	3		6	-	GERL102B2
GERL202B1	German IV B1 track	3	F-to-F	9	-	GERL201B1
GERL202B2	German IV B2 track	3		9	-	GERL201B2
NUR132	Human Anatomy	3	F-to-F	3	-	NUR132* NUR133*
NUR133	Human Physiology	3	F-to-F	3	-	
NUR135	Human Physiology and Anatomy lab	1	F-to-F	0	3	
NUR113	Biochemistry	3	F-to-F	3	-	NUR113
NUR136	Microbiology	3	F-to-F	3	-	
NUR134	Pathophysiology	3	F-to-F	3	-	
NUR232	Pharmacology	3	F-to-F	3	-	
Total		25		33	3	

* Any course with * in the Prerequisites/ Co-requisites column means Co-requisite.

3. Program Requirements (97 Credit hours)

3.1. Program Requirements (Compulsory): (85 credit hours)

Course ID	Course Name	Credit Hours	Teaching method	Contact Hours		Prerequisites/ Co-requisites*
				Lect	practical	
GERL301B1	German V B1 track	3	F-to-F	9	-	GERL202B1
GERL301B2	German V B2 track	3		9	-	GERL202B2
GERL302REG	German VI Regular	3	F-to-F	6	-	GERL301B1
GERL302INT	German VI Intensive	3		9	-	GERL301B1
GERL302B2	German VI B2 track	3		6	-	GERL301B2
NUR121	Foundations of Nursing	3	F-to-F	3		
NUR1210	Foundations of nursing – lab	2	Clinical		6	NUR121*
NUR122	Health Assessment	3	F-to-F	2		NUR121
NUR1220	Health Assessment lab	1	Clinical		3	NUR122*
NUR241	Adult Health Nursing I	3	F-to-F	3		NUR132 NUR1220*
NUR2410	Adult Health Nursing I - Clinical	2	Clinical		8	NUR241*
NUR242	Adult Health Nursing II	3	F-to-F	3		NUR2410
NUR2420	Adult Health Nursing II - Clinical	2	Clinical		8	NUR241
NUR351	Maternal Health Nursing	3	F-to-F	3		NUR241
NUR3510	Maternal Health Nursing - Clinical	2	Clinical		8	NUR351*
NUR361	Child Health Nursing	3	F-to-F	3		NUR241 NUR136

NUR3610	Child Health Nursing – Clinical	2	Clinical		8	NUR361*
NUR371	Mental Health Nursing	3	F-to-F	3		NUR242
NUR3710	Mental Health Nursing - Clinical	2	Clinical		8	NUR371*
NUR381	Community Health Nursing	2	F-to-F	2		NUR242
NUR3810	Community Health Care Nursing – Clinical	2	Clinical		8	NUR381*
NUR222	Human Growth and Development	3	F-to-F	3		NUR121
NUR221	Health Education and Communication Skills	3	F-to-F	3		NUR121
NUR321	Nursing Ethics and Trends	3	F-to-F	3		NUR121
NUR391	Nursing Management and Leadership	3	F-to-F	3		NUR242
NUR223	Research Methods and Biostatistics	3	F-to-F	3		NUR121
NUR100	Intensive Clinical Training I	1	Clinical		4	---
NUR200	Intensive Clinical Training II	2	Clinical		8	NUR100
NUR300	Intensive Clinical Training III	3	Clinical		12	NUR200
NUR382	Geriatric nursing	2	F-to-F	2		NUR241
NUR383	Geriatric nursing – Clinical	2	Clinical		8	NUR382*
NUR343	Critical care nursing	2	F-to-F	2		NUR241
NUR344	Critical care nursing - Clinical	2	Clinical		8	NUR343*
NUR499	International intensive clinical training	12	Clinical		48	NUR300
Total		85			137	

* Any course with * in the Prerequisites/ Co-requisites column means Co-requisite.

** Each clinical credit hour equals four actual clinical hours.

*** Each credit hour in the Intensive Clinical Training course equals four actual clinical hours which is equivalent to 48 shifts (8 hours/shift) for 20 weeks in the German Health sector such as a German Hospital (it should be registered in the graduation semester).

**** Each training credit hour stands for four actual clinical training hours for 16 weeks in a Jordanian hospital.

3.2. Program Requirements (Electives): (12 credit hours)

Course ID	Course Name	Credit Hours
NUR441	Special topics in nursing I	1
NUR451	Special topics in nursing II	2
NUR461	Special topics in nursing III	3
NUR411	Clinical Nutrition	3
NUR442	Nursing care for the acutely ill of all ages	3
NUR421	Nursing models and theories	3
NUR491	Quality and safety in inter-and intra-professional collaboration	3
NUR492	Clinical decision-making	3
NUR443	Nursing care for patients with serious and life-limiting illnesses	3
NUR422	Safe, effective, and person-centered nursing practice in	3

	complex situations	
NUR423	Evidence-practice in nursing	3
NUR444	Long-term care for the chronically ill and elderly	3
NUR481	health promotion and prevention	3
NUR424	Digital Future Skills in Nursing	3
NUR425	Framework conditions of nursing action	3
NUR493	Financing and quality of nursing care	3
NUR494	Dealing with conflict situations in a solution-oriented manner	3
NUR445	Multi-perspective case management of people with highly complex care needs	3
NUR426	Professional ethics and scientific reflection of supply processes and their quality in nursing practice	3
NUR495	Management of care processes in an interdisciplinary team	3
NUR447	Perioperative nursing	3
NUR448	Nursing people with oncological illness	3
NUR496	Care management and quality control	3
NUR449	Care in internal medicine	3
NUR427	Reflection and case understanding	3
NUR4410	Nursing care of people with chronic diseases/disability	3
NUR4411	Nursing care to people with acute impairments	3
NUR4412	Advanced nursing practice	3
NUR497	Case management	3
NUR482	Rehabilitative nursing	3
NUR428	Understanding and diagnosing	3
NUR4413	Advance clinical competencies	3
NUR4414	Pain and pain management	3
NUR429	Understand Nursing Research and Basics of Statistics	3
NUR483	Counselling in Nursing	3
NUR484	Public health	3
NUR4210	Diagnostics and process design in nursing	
NUR4415	Oncological care and palliative care	3
NUR4211	Innovation in nursing	3
NUR451	Midwife support in the Pregnancy and childbirth preparation	3
NUR452	midwife support during Perinatal period	3
NUR453	From the unborn to the newborn	3

NUR412	Introduction to technology and digitization in healthcare	3
NUR485	Public Health / Socioeconomic and Legal Framework	3
NUR454	Midwife support during childbirth	3
Total		12

^b 499 International intensive clinical training is a prerequisite for all elective courses

* Note that the students will study 4 elective courses from the above list after finishing all courses related to university requirements, school requirements, and the compulsory program requirements excluding the international intensive clinical training.

VIII. Study Plan^c Guide for the bachelor's degree in Nursing

First Year				
First Semester				
Course ID	Course Name	Cr Hr	Prerequisites	Co-requisite
GERL101	German I	3		
ENGL101	English III	1	ENGL099	
NUR121	Foundations of Nursing	3		
NUR1210	Foundations of nursing – lab	2		NUR121
NUR113	Biochemistry	3	-	-
NUR132	Human Anatomy	3		
NUR133	Human Physiology	3		
NUR135	Human Physiology and Anatomy lab	1		NUR132 NUR133
Total		19		

First Year				
Second Semester				
Course ID	Course Name	Cr Hr	Prerequisites	Co-requisite
GERL102	German II	3	GERL101	
ENGL102	English IV	1	ENGL101	
NUR134	Pathophysiology	3	NUR132, NUR133	
MILS100	Military Science	3		
NUR122	Health Assessment	3	NUR121	
NUR1220	Health Assessment lab	1		NUR122
ARB100	Arabic	3	ARB099	
NUR136	Microbiology	3	NUR113	
Total		20		

The following study plan guide assumes having passed all placement tests

First Year				
Summer Semester				
Course ID	Course Name	Cr Hr	Prerequisites	Co-requisite
NUR100	Practical clinical training I	1		
Total		1		

Second Year				
First Semester				
Course ID	Course Name	Cr Hr	Prerequisites	Co-requisite
GERL201	German III	3	GERL102	-
NUR232	Pharmacology	3		
NUR241	Adult health nursing I	3	NUR132	NUR1220
NUR2410	Adult health nursing I - clinical	2		NUR241
NUR221	Health education and Communication skills	3	NUR121	
NUR223	Research methods and Biostatistics	3	NUR121	
NE101	National Education	3		
Total		20		

Second Year				
Second Semester				
Course ID	Course Name	Cr Hr	Prerequisites	Co-requisite
GERL202	German IV	3	GERL201	-
ENGL201	English V	2	ENGL102	
NUR242	Adult health nursing II	3	NUR2410	
NUR2420	Adult health nursing II - clinical	2		NUR242
NUR222	Human growth and development	3	NUR121	
NUR111	Elective 1: Nutrition	3		
NUR361	Child health nursing	3	NUR241 NUR136	
NUR3610	Child health nursing – Clinical	2		NUR361
Total		21		

Second Year				
Summer Semester				
Course ID	Course Name	Cr Hr	Prerequisites	Co-requisite
NUR200	Intensive clinical training II	2	NUR100	
Total		2		

Third Year				
First Semester				
Course ID	Course Name	Cr Hr	Prerequisites	Co-requisite
GERL301	German V	3	GERL202	-
NUR351	Maternal health nursing	3	NUR241	
NUR3510	Maternal health nursing - clinical	2		NUR351
NUR321	Nursing Ethics and Trends	3	NUR121	
NUR382	Geriatric nursing	2	NUR241	
NUR383	Geriatric nursing – Clinical	2		NUR382
NUR343	Critical care nursing	2	NUR241	
NUR344	Critical care nursing - Clinical	2		NUR343
Total		19		

Third Year				
Second Semester				
Course ID	Course Name	Cr Hr	Prerequisites	Co-requisite
GERL302	German VI	3	GERL301	-
NUR391	Nursing management and leadership	3	NUR242	
NUR381	Community health nursing	2	NUR242	
NUR3810	Community health nursing - Clinical	2		NUR381*
NUR371	Mental health nursing	3	NUR242	
NUR3710	Mental health nursing - Clinical	2		NUR371
NUR202	English for Health Sciences	2	ENGL201	-
	Elective 2	3		
Total		20		

Third Year				
Summer Semester				
Course ID	Course Name	Cr Hr	Prerequisites	Co-requisite
NUR400	Intensive clinical training III	3	NUR300	
Total		3		

Fourth Year				
First Semester				
Course ID	Course Name	Cr Hr	Prerequisites	Co-requisite
	Program Elective I (German VI B2)	3	BSC001	-
	Program Elective II (German VII B2)	3	BSC001	-
	Program Elective III	3	BSC001	-
	Program Elective IV	3	BSC001	-
Total		12		

Fourth Year				
Second Semester				
Course ID	Course Name	Cr Hr	Prerequisites	Co-requisite
NUR400	International intensive clinical training	12	NR300	
Total		12		

German year prerequisites are:

1. A minimum GPA of 61.0%
2. Passing GERL302 German VI and B1 German language test (all 4 language skills) conducted by Goethe Institute or another approved provider
3. ENGL201 English V, and Arabic 99
4. Student should complete the study plan (125 Hours) before leaving to Germany.

^dCourses attended and/or passed during Intensive clinical training are not transferable

IX. Compulsory Courses Offered by Nursing Department

(NUR321) Nursing Ethics and Trends

3 Cr Hr (3,0)

This course examines the historical background of the nursing profession, including how nursing emerged as a profession and the difficulties nurses encounter in the field. The course focuses on nursing ethics and the importance of those issues when giving care. The use of various nursing theories in nursing practice will be critically discussed by students. Students will be able to apply skills and knowledge of a chosen ethical or legal subject to decision-making and problem-solving processes by demonstrating comprehension of nursing ethical, legal, and bioethical concerns. They will be equipped by the course to actively contribute to raising the standard of care, as mandated by legal requirements.

(NUR122) Health Assessment

2 Cr Hr (2,0)

This course intends to teach nursing students about the many approaches used to evaluate the patient's health state. Students will have the chance to learn how to conduct a comprehensive adult health evaluation using their knowledge of anatomy and physiology. By gathering information from the patient interview, physical examination, and assessment of the health condition, this course comprises taking a health history and evaluating the patient's current physical, social, and mental health state.

(NUR1220) Health Assessment Lab

1 Cr Hr (0,3)

This course is designed to help students develop the abilities to assess the health of clients by history-taking, physical examination, palpation, percussion, and auscultation, followed by documenting of the results. Additionally, it gives nursing students the knowledge and abilities to conduct a thorough physical examination on an adult health client and recognize any deviation from the expected findings.

(NUR221) Health Education and Communication Skills

3 Cr Hr (3,0)

This course will give students the opportunity to examine the concepts of health promotion and health education, as well as fundamental principles and the learning process based on various theories. Identify, organize, execute, and evaluate health promotion interventions for individuals and communities in a variety of health care settings by developing the necessary knowledge, attitudes, and abilities. The student will also develop communication methods for working with other healthcare team members utilizing critical thinking and evidence-based practice. Students' learning will be aided by lectures, group discussions, clinical training, laboratory small-group work, case study analysis, role-playing, and simulation.

(NUR121) Foundations of Nursing

3 Cr Hr (3,0)

This course aims to familiarize the beginning nursing students with the nature, background, and functions of professional nursing. It is intended to equip students with fundamental knowledge and a positive outlook while they offer care for patients and their families. Wellness, good health, the nursing profession, the nursing process, and nursing theories are among the topics. Additionally, the students are introduced to communication and interpersonal skills in this course to help them become a productive part of a cooperative healthcare team.

(NUR1210) Foundations of Nursing Lab

2 Cr Hr (0,2)

This course gives the first-year nursing students clinical nursing experience. The laboratory simulator is used to practice and display fundamental nursing skills connected to theory and principles. Additionally, the course adds to the background and ideas of basic theory. It aims to give nursing students the chance to accurately and securely master all fundamental nursing skills prior to their clinical practice in hospitals.

(NUR241) Adult Health Nursing I**3 Cr Hr (3,0)**

This course introduces the students to the circumstances that have an impact on an adult patient's functional health patterns. The material is approached by addressing issues with both the patient's basic needs and issues resulting from particular health issues. The nursing process offers a framework for specific independent and interdependent nursing interventions, such as lifestyle modifications and health promotion.

(NUR2410) Adult Health Nursing I- Clinical**3 Cr Hr (0,3)**

This course prepares professional nurses who are responsible for providing nursing care to adult patients with medical and surgical health conditions by giving them the guided nursing experience, knowledge, and skills they need. The plan of care will be carried out using the nursing process as a framework. Additionally, the goal of this course is to improve adult learners' general health and disease prevention.

(NUR242) Adult Health Nursing II**3 Cr Hr (3,0)**

This course equips students with the knowledge and abilities they need to effectively care for patients and their families. The emphasis is on how adults' bio-psycho-social reactions to real-world, high-risk conditions affect their functional health patterns. The focus will be on specific functional health patterns, such as nutritional-metabolic, cognitive-perceptual, and elimination patterns. These problems may be short-term or long-term. The framework provided by the nursing process will be used to identify nursing interventions that will promote, maintain, and repair the health of individuals and their families.

(NUR2420) Adult Health Nursing II- Clinical**3 Cr Hr (0,3)**

This course covers how adults' bio-psycho-social reactions to current and anticipated health issues affect their functional health patterns. Through the use of the nursing process, clinical practice will give students the chance to care for persons with altered functional health patterns in a range of clinical settings. The ability to integrate theory into clinical practice and build clinical decision-making abilities will be available to students.

(NUR222) Human Growth and Development**3 Cr Hr (3,0)**

This course prepares the students for comprehending children's physical, social, emotional, and intellectual growth and development. The goal of the course is to assist students in developing the knowledge and abilities necessary to provide comprehensive nursing care for children and their families. The focus is on assisting students in creating environments for kids that will encourage optimal growth. Integration of the growth and developmental stage and theories will be emphasized.

(NUR351) Maternal Health Nursing**3 Cr Hr (3,0)**

This course gives the students the chance to apply the nursing method to evaluate the requirements of pregnant women, new mothers, and their families. While providing comprehensive nursing care for women during childbearing period, menopause, and across life span through primary, secondary, and tertiary prevention. Additionally, the course equips the students with the knowledge and abilities necessary to recognize serious conditions, such as high-risk pregnancies, abnormal labour, newborn complications, and post-partum complications, and it promotes the use of nursing interventions that are appropriate for the various critical situations.

Prerequisites: -

(NUR3510) Maternal Health Nursing- Clinical**3 Cr Hr (0,3)**

This course will get nursing students ready to give direct, comprehensive care to women and their families during pregnancy, delivery, and afterwards. By giving the chance to display clinical processes involving the mother and the newborn as well as other family planning techniques. The student will be required to use clinical skills in real-world client settings and child and maternal health care facilities.

Co-requisites: -

(NUR371) Mental Health Nursing

3 Cr Hr (3,0)

This course aims to teach students the fundamentals of mental health and psychiatric nursing. It gives them ideas, theories, and guidelines that will make their clinical experiences clearer. Each unit in the course discusses a mental health concept in relation to its clinical manifestation, etiology, assessment, nursing diagnosis, and nursing interventions. The nursing process is employed as the course's organizing framework. The integration of various therapeutic modalities will place emphasis on the therapeutic use of oneself in carrying out dependent and interdependent nursing tasks. Participation in class discussions, case study analysis, and integration of the clinical experience into the classroom are all requirements for this course.

Prerequisites:

(NUR3710) Mental Health Nursing- Clinical

3 Cr Hr (0,3)

This course helps the students to acquire the skills and mindset required in the field of mental health. Additionally, covered in the course are how to enhance interpersonal communication skills, how to be a good counselor, how to handle various psychiatric and mental disease cases. The course also emphasizes how a patient should be protected throughout the duration of a professional and therapeutic relationship. Students will take part in group activities and activities where they provide individual care as part of the unit's health care team.

Co-requisites:

(NUR381) Community Health Nursing

3 Cr Hr (3,0)

This course focuses on risk reduction, maintaining good health, and promoting high levels of wellness among people of all ages in families and communities across the health continuum. The student is given the chance to evaluate the community's needs for health maintenance and promotion in relation to a sample of families. By doing a community diagnostic, students will gain an understanding of the structure of health systems and be able to pinpoint issues with community health, such as communicable and chronic diseases. The students will comprehend how to combine individual evaluation with family, group, and community assessment. At the same time, the community as a whole is informed of the care goal. The course also examines the idea of primary healthcare and its function in Jordan.

Prerequisite:

(NUR3810) Community Health Nursing- Clinical

3 Cr Hr (0,3)

This course focuses on the application of public health and nursing principles to the care of people, families, and populations. The entire community will be the client and the target of care. The students will be able to undertake community and health assessment and offer health education and health promotion techniques to people in their homes, places of employment, daycare facilities, schools, outpatient treatment facilities, and anywhere else they present.

Co-requisites: -

(NUR361) Child Health Nursing

3 Cr Hr (3,0)

This course equips the students with general competences, such as the information needed to offer comprehensive care for children, and their families who are dealing with a range of health issues. The students will be introduced to the fundamental ideas of health promotion, maintenance, and restoration for kids of various ages. This course's main objective is to execute the nursing process, which focuses on the most recent evidence-based approaches for caring for both healthy and ill children.

Prerequisites: -

(NUR3610) Child Health Nursing- Clinical**3 Cr Hr (0,3)**

This course focuses on giving students the fundamental clinical experience they need to acquire the nursing skills necessary to provide evidence-based, comprehensive care for children, and their families who are dealing with a range of health issues. This course's main objective is to execute the nursing process, which focuses on the most recent evidence-based approaches for caring for both healthy and ill children.

(NUR391) Nursing Management and Leadership**3 Cr Hr (3,0)**

This course aims to educate the students the concepts and principles of management and leadership so they can develop the managerial knowledge and leadership abilities required in health care organizations, particularly in nursing departments. The management of resources by the organization, including its planning, organizing, directing, controlling, and decision-making processes, is given priority. The course contains guidelines for enhancing patient care and interpersonal interactions as well.

(NUR223) Research Methods and Biostatistics**3 Cr Hr (3,0)**

This course aims to understand biostatistics for use in nursing and evidence-based practice. In order to pick and use the best evidence for drawing applicable conclusions regarding empirical data, emphasis is given on the interpretation and evaluation of data analysis. Study designs, frequency and association measures, confounding, screening, infectious disease outbreaks, assessing the impact of public health initiatives, and the use and interpretation of population health data are all topics covered in this course. The unit also covers descriptive analyses of data, concepts underlying statistical inference, fundamental statistical methods for the analysis of continuous and binary data, and statistical aspects of study design. It also includes an introduction to statistical concepts, their use, and relevance in nursing. Included are the following specific topics: confidence intervals, sampling distribution of the mean, and probability distributions.

(NUR400) International Intensive Clinical Training**12 Cr Hr**

This course equips the students for the position they will hold following graduation. The goal of this course is to guarantee the acquisition of cumulative competencies such as effective communication and collaboration with interdisciplinary health care teams, patient quality and risk management, critical thinking and evidence-based practice, practicing within professional standards and ethics, and this clinical judgment in providing holistic, evidence-based nursing care. Students will work full shifts and 40 shifts in one of the critical care, emergency, or other units approved by the coordinating faculty member during this course and the last semester of the fourth year.

(NUR100) Intensive Clinical Training I**1 Cr Hr**

The goal of this course is to guarantee the acquisition of cumulative competencies such as effective communication and collaboration with interdisciplinary health care teams, patient quality and risk management, critical thinking and evidence-based practice, practicing within professional standards and ethics, and this clinical judgment in providing holistic, evidence-based nursing care. Students will work full shifts and 40 shifts in one of the critical care, emergency, or other units approved by the coordinating faculty member during this course and the last semester of the fourth year.

(NUR200) Intensive Clinical Training II**2 Cr Hr**

The goal of this course is to guarantee the acquisition of cumulative competencies such as effective communication and collaboration with interdisciplinary health care teams, patient quality and risk management, critical thinking and evidence-based practice, practicing within professional standards and ethics, and this clinical judgment in providing holistic, evidence-based nursing care. Students will work full shifts and 40 shifts in one of the critical care, emergency, or other units approved by the coordinating faculty member during this course and the last semester of the fourth year.

(NUR300) Intensive Clinical Training III **3 Cr Hr**
The goal of this course is to guarantee the acquisition of cumulative competencies such as effective communication and collaboration with interdisciplinary health care teams, patient quality and risk management, critical thinking and evidence-based practice, practicing within professional standards and ethics, and this clinical judgment in providing holistic, evidence-based nursing care. Students will work full shifts and 40 shifts in one of the critical care, emergency, or other units approved by the coordinating faculty member during this course and the last semester of the fourth year.

(NUR343) Critical care nursing **3 Cr Hr**
This course focuses on having the students acquire advanced scientific knowledge that moves them beyond fundamental techniques in the provision of care for patients within the critical care environment. This course is designed to give students the chance to gain in depth understanding of nature of critical care nursing and role of nurse in meeting the different needs of critically ill patient with the different acute and life-threatening conditions. Knowledge developed through this course will enable students to collaborate in the provision of a comprehensive management to patients who are admitted to the critical care settings and their families and to identify the major system organ alterations that nurses frequently encounter in critical illnesses. Critical thinking and problem solving is emphasized in assessment and prioritizing patient 's needs and nursing interventions.

(NUR344) Critical care nursing clinical **3 Cr Hr**
The aim of this clinical course is to provide students with a comprehensive clinical care experience that covers the topics in NUR343 in a sequential and structured manner.

(NUR382) Geriatric nursing **3 Cr Hr**
This course focuses on providing health care for the aging client within the framework of the nursing process. Emphasis is on understanding the unique needs of the aging population, encouraging health promotion and self-care, identifying variable responses of elderly clients to pathological conditions, and maintaining a level of function that promotes quality of life.

(NUR383) Geriatric nursing clinical **3 Cr Hr**
The aim of this clinical course is to provide students with a comprehensive care experience for the aging client within the framework of the nursing process that covers the topics in NUR382 in a sequential and structured manner. This course equips the nursing students with the required skills to perform his\her role in meeting the physiologic, psychosocial, and spiritual needs of the elderly. It provides nursing student with evidence-based clinical expertise that helps them, as gerontological nurses, to address the complexities of meeting the holistic needs of the elderly population with competence in hospitals and community based settings.

X. Elective Course Offered by Nursing Department

(NUR441) Special Topics in Nursing I **1 Cr Hr (1,0)**
Selected state-of-the-art topics in Nursing.

Prerequisites: Dept. Approval

(NUR451) Special Topics in Nursing II **2 Cr Hr (2,0)**
Selected state-of-the-art topics in Nursing.

Prerequisites: Dept. Approval

(NUR461) Special Topics in Nursing III **3 Cr Hr (3,0)**
Selected state-of-the-art topics in Nursing.

Prerequisites: Dept. Approval

(NUR442) Nursing Care for the Acutely Ill of All Ages**3 Cr Hr (3,0)**

This course explains the importance of mastering personal skills such as problem-solving skills, communication skills with the patient, and following a structured working process in the nursing profession, especially when taking care of people with acute illnesses such as diseases related to heart failure and musculoskeletal system. During this course, methods, instruments, and to-follow-procedures will be introduced as well as the diagnostics and therapies for people with acute illnesses. The student will also learn how to document the classification and description of the therapy including the medical devices provided to the patient. The activities needed for the patient to maintain or promote the patient's health will be taught.

Prerequisites: -

(NUR421) Nursing Models and Theories**3 Cr Hr (3,0)**

This course aims to understand as a nurse the different fields of nursing, the basic concepts of nursing as a healthcare science, and the main epistemological and methodological positions in relevance to nursing science research, with their different forms. The student will learn how to develop surveys and evaluation of the research qualitatively and quantitatively, and how to imply the scientific knowledge in the practical field. Examples on fields that the student will be exposed to are, care support point, patient information center, medical care center, emergency room, surgical services.

Prerequisites: -

(NUR491) Quality and Safety in Inter-and Intra-Professional Collaboration**3 Cr Hr (3,0)**

In this course, the student will learn concepts, theories, models, ethical- and legal basics in healthcare system, regarding the patient's safety and the quality of the health provided, and how to record them. In order to provide high-quality healthcare to the patients, nursing experts, practical standards, guidelines, directives, checklists and standard operating procedures, Specific topics of safety culture: systems thinking, error reporting and learning tools (CIRS, M&M conference), patient and family participation, cooperative, collaborative action (intra- and interprofessional), Emergency care, including advanced life support, basic knowledge of global health as well as national and international aspects of disaster relief.

Prerequisites: -

(NUR492) Clinical Decision-Making**3 Cr Hr (3,0)**

This course covers central elements and strategies for the clinical decision-making in nursing, and evidence-based/informed decision making in nursing contexts. Communication needed and the support for decision-making. Techniques of critical reading and criteria guided assessment of research papers of high relevance to nursing.

Prerequisites: -

(NUR443) Nursing Care for Patients with Serious and Life-Limiting Illnesses**3 Cr Hr (3,0)**

This course explains the serious and life-limiting illnesses, with knowledge about the complex physical, psychological, and social situation they have, the symptoms the patient suffer from, how to assess the situation and provide care and relief from pain such as pain, dyspnea, constipation, nausea, cachexia, fatigue. The healthcare provided can be in forms of palliative care and hospice work. Cultural, spiritual, religious, ethical, and legal aspects of the healthcare offered. Dealing with the moribund, the deceased, mourning and accompanying relatives and friends by nurses in the care team.

Prerequisites: -

(NUR422) Safe, Effective, and Person-Centered Nursing Practice in Complex Situations**3 Cr Hr (3,0)**

This course covers identifying and assessing individual care needs, potential risks and health hazards in (highly) complex acute and permanent care situations using specific science-oriented assessment

procedures. Basics of intensive care monitoring as well as the tasks of nurses in intensive therapy teams and in emergency care.

Knowledge of the physical, psychological and social situation of people of all ages and their relatives and their application in critical and (highly) complex care situations in different settings.

Prerequisites: -

(NUR423) Evidence- Practice in Nursing

3 Cr Hr (3,0)

In this course, the student will be introduced on the way of thinking and operating based on evidence-based nursing and evidence-based healthcare (EbN, EbHC), quality criteria of empirical research and their application in the critical reading and evaluation of studies. The student will also be taught to develop best practices for development of patients' information and the guidelines while providing healthcare and clinical decisions based on empirical research outcomes.

Prerequisites: -

(NUR444) Long-Term Care for the Chronically Ill and Elderly

3 Cr Hr (3,0)

Explanation of the definitions, characteristics and specifications of chronic illnesses and multimorbidity including the needed medical diagnosis and therapies for the patients. Basic knowledge of gerontology, geriatrics and gerontological/geriatric nursing, taking into account central challenges in nursing care such as dementia, delirium, sarcopenia, malnutrition, polypharmacy, etc. will also be given. The concepts in providing healthcare, support for the chronically ill people and elderly and their relatives, especially in the case of dementia (e.g., model of coping with chronic illness, psychobiographical care model, person-centered approach, validation).

Prerequisites: -

(NUR481) Health Promotion and Prevention

3 Cr Hr (3,0)

This course gives the student knowledge in different fields related to healthcare in Germany and in different nursing fields, including knowledge about the instruments and stakeholders in health promotion and prevention. This knowledge will allow the student to understand the health potentials and risks in relevance to nursing as a profession and to the population and different groups of patients, which will help the student to integrate it in strategies and measures carried out for health promotion and prevention. Health prevention, such as Hygiene guidelines and other measures for the protection against infection while health promotion involves counselling and guidelines with regard to the implementation of selected preventive measures and the design of healthy lifestyles.

Prerequisites: -

(NUR424) Digital future skills in nursing

3 Cr Hr (3,0)

This course covers the increasing use of software, sensor technology, robotics, mobile devices, and networked assistance and monitoring systems poses new challenges for nurses in their day-to-day work - e.g., with regard to compliance with ethics and data protection, teaching future skills in nursing. Nursing students will learn about and understand the challenges and fields of action of digital transformation in the profession and be able to deal with them in a self-designing way.

Prerequisites: -

(NUR425) Framework Conditions of Nursing Action

3 Cr Hr (3,0)

This course covers development of nursing as a profession and the responsibilities in the context of social change processes and social security. They are familiar with the economic interrelationships in the health care industry and are familiar with central interrelationships in health policy. You will be familiar with the special features of various care structures in the inpatient short-term and long-term sector as well as in home care, with which they are able to develop a well-founded position on ethical boundary issues.

Prerequisites: -

(NUR493) Financing and Quality of Nursing Care**3 Cr Hr (3,0)**

This course provides the students how to present topics while being aware of legal and business concepts, economic situations and ethical convictions. The students will learn the fundamentals of health economics, and how they affect the healthcare companies to manage healthcare team correspondingly.

Prerequisites: -

(NUR494) Dealing with Conflict Situations in a Solution-Oriented Manner**3 Cr Hr (3,0)**

This course Introduces the students to the systematic law and the regulations related to the healthcare field, the process of delimitation of civil law to social law (SGB) will also lead to knowledge in case management and solution. Learning the basics of commercial private law, contract law and the legal nature of the med. treatment contract, the care contract and the service content. Basics of liability law, in particular, liability under contract/due to tortious liability, labor law, and the provision of health in the context of civil- and liability law. Teaching ethical behavior to which nurses are legally obliged.

Prerequisites: -

(NUR445) Multi-Perspective Case Management of People with Highly Complex Care Needs**3 Cr Hr (3,0)**

This course includes revision of the theoretical and practical knowledge earned in addition to the laws applied for nursing care to be implemented in therapy and diagnostics. Different examples of chronic and acute illnesses and impairments that cause lifestyle problems to the patient and which kind of caring he/she needs. Introducing the student to the different challenges in healthcare, that might need the nurse to provide evidence-based- information and consultation to the way the health situation should be handled. The inter- and interprofessional cooperation required from the nurse and action needed in medical diagnosis and therapy in specific cases. The student will also learn how to evaluate the outcomes of the consultation and care provided by the nurse to the patient and what kind of challenges that limit the role of the nurse in complex care situations.

Prerequisites: -

(NUR426) Professional Ethics and Scientific Reflection of Supply Processes and Their Quality in Nursing Practice**3 Cr Hr (3,0)**

This course explains the complex, nursing- and organizations' situations as well as the instruments used in control the settings needed in nursing, in the context of their legal, managerial and environmental frameworks of the three healthcare sectors, to which the students will be also introduced in practical terms. The student will be able to command quality- and case management in the healthcare organization independently. The student will learn the process to follow in order to plan, manage, and control the development, implementation, and evaluation. Private- and social security law and business knowledge should be learned for the student to know to manage cases efficiently. Health and sustainability are another important aspect for the student to learn, in relevance to the use of resources considering economic perspectives. Interprofessional when working with colleagues from different care sectors will also be taught.

Prerequisites: -

(NUR495) Management of Care Processes in an Interdisciplinary Team**3 Cr Hr (3,0)**

This course aims to enhance the knowledge learned during nursing and to develop them, to have the ability to perform and work efficiently as a nurse. The student will be introduced to different complex situations in nursing and have the responsibility to analyze cases and develop problem-solving strategies. This course aims to review all the theories learned during the whole study plan to master nursing as a profession.

Prerequisites: -

(NUR447) Perioperative Nursing**3 Cr Hr (3,0)**

This course covers knowledge in surgical aspects including diagnostics and therapy, pre-and postoperative measures, anesthesia and intensive care, long-term ventilation, principles of surgical procedures, wound

classification and principles of wound treatment, diagnostic procedures in surgery, nursing perioperative care in surgical interventions with the main focus on visceral surgery, gynecology, trauma surgery and orthopedics, traumatology, managing surgical care in cooperation with an interprofessional team, nursing intervention in care, rehabilitation, and secondary prevention on scientific- and process-driven base. The student will also be taught the quality measures and expert standards of the DNQP in nursing care, pain management including acute- and chronic pain management, providing care in acute- and emergency situations (ABCDE assessment), life-sustaining immediate measures, clinical-practical learning in the hospital, inpatient long-term care, outpatient acute and/or long-term care (share of compulsory assignment according to PflAPrV).

Prerequisites: -

(NUR448) Nursing People with Oncological Illness 3 Cr Hr (3,0)

The course explains the health provided to patients with oncological illnesses, and the oncological emergencies they might face, types of therapy that can be provided which are supportive-, complementary-, and alternative therapy, specific therapy for special cases, moribund and their relatives, Hospice and palliative care in different care settings, patient's provision and therapy limitation, clinical-practical learning in the hospital, inpatient long-term care, outpatient acute and/or long-term care (share of compulsory assignment according to PflAPrV).

Prerequisites: -

(NUR496) Care Management and Quality Control 3 Cr Hr (3,0)

This course includes inter- and interprofessional action, process and concepts of care management and strategies, the relevant laws, regulations, ethical guidelines, and expert standards, basics of quality management, quality management concepts, relevant standards and regulations as well as relevant certification processes, professional ethical values and measures for the development of the profession.

Prerequisites: -

(NUR449) Care in internal medicine 3 Cr Hr (3,0)

This course introduces the healthcare provided for patients with the following illnesses, cardiovascular diseases and vascular diseases; respiratory diseases; Diseases of the gastrointestinal tract, the biliary system and the metabolic and nutritional diseases; diseases of the kidney and urinary tract; rheumatic diseases and the urinary tract; rheumatoid diseases; Infectious diseases; Accompanying pharmacological therapies to the previous mentioned illnesses. The student will learn nursing intervention concepts at the level of prevention, curation, rehabilitation in a scientific- and process-driven base.

Prerequisites: -

(NUR427) Reflection and case understanding 3 Cr Hr (3,0)

This course teaches the students how to debate with others based on literature, how to write essays in scientific form and how to work with others.

Prerequisites: -

(NUR4410) Nursing Care of People with Chronic Diseases/Disability 3 Cr Hr (3,0)

The courses describes the digital options to provide health to patients with chronic diseases, the opportunities and risks of the digital apps available (e.g. electronic health care..etc.).Introduction to disability and chronic illnesses (biopsychosocial model of the WHO) ICF classification system, health-related quality of life, stress and disease management, etiology, symptoms, diagnosis and therapy of selected chronic diseases, how to provide optimal life situation (help and support) to people with chronic disease, disabilities and to their relatives, and how nurses can participate in this field. The course also includes adherence, participation/participation, education and training programs

Prerequisites: -

(NUR4411) Nursing care to people with acute impairments 3 Cr Hr (3,0)

In this course, anatomy, physiology, and pathology of chosen acute illnesses related to internal medicine

and surgery with high potential of chronification. Imitation of nursing care situations and providing the student with nursing care exemplaires for acute clinical pictures/disease patterns and chronification of acute care cases. The student will also be introduced to nursing intervention in life-threatening conditions, in nursing emergency situations (refresher 1st aid course). They will also be taught on wound management through exemplaires such as surgical sutures, burns, decubitus ulcers or paVK wounds through a given digital photo and suitable documentation of it.

Prerequisites: -

() Reflection on nursing situations from an ethical and legal perspective as well as sustainability activity in nursing

3 Cr Hr (3,0)

This course is to understand the different fields of nursing as a profession. In this perspective, to put the ethical, intercultural, religious aspects and their ethical questions into consideration when providing the patient care. The challenge to develop this kind of thinking, is the debate that there is now economic, cultural and social diversity, which can be solved through International Council of Nursing's Code of Ethics, ethical decision-making models

and theoretical approaches to ethical reflection, as well as the advice of an ethics committee. This course will consist of a debate regarding this topic, and how the nurse can develop their career perspectives and healthcare provided considering different religious, ethical, and social aspects.

Prerequisites: -

XI. Course Offered by Other Departments

(BIO111) General Biology

3 Cr Hr (3,0)

This course introduces the student to the fundamental concepts of biology, including the chemical context of life, water and environmental fitness, carbon and molecular diversity of life, cell structure, membrane structure and function, cellular respiration, photosynthesis, introduction to metabolism, the cell, meiosis, and sexual life cycle, as well as Mendel and the gene idea.

Prerequisites: -

(CHEM103) General Chemistry

3 Cr Hr (3,0)

This course introduces the student to the fundamental ideas of general and organic chemistry in order to comprehend the fundamental ideas of pharmacology, biochemistry, and nutrition. Alkanes, alkenes, alkynes, aromatic, stereochemistry, alcohols, phenols, ethers, aldehydes and ketone, carboxylic acids and their derivatives, amines and heterocyclic amines are some of the topics that will be covered in this course. It will also cover different types of chemical reactions and solution stoichiometry.

Prerequisites:

(NUR132) Human Anatomy

3 Cr Hr (3,0)

This course gives the student an introduction to the typical organization of the body systems in this subject. Additionally, it gives the student a good understanding of the overall design and growth of the human body. The course also seeks to give the student a basic understanding of the histological features of primary tissues, as well as a brief overview of the structure, ultrastructure, molecular biology, and functions of cells and their byproducts.

Prerequisites: -

(NUR133) Human Physiology

3 Cr Hr (3,0)

This course gives the student an introduction to the fundamental definitions and principles of physiology, which is the study of the living body at the molecular, cellular, and intact organism levels. This course introduces the student to the mechanics of the functions. It also seeks to introduce the ideas of homeostasis and internal environment. The course also covers the theories and mechanisms governing how bodily fluids travel across various body membranes, the electrical and ionic events that underlie the

excitation of reactive tissues, and the mechanisms governing how various muscles contract. Additionally, it discusses the general structure and functionality of the circulatory, respiratory, renal, gastrointestinal, and reproductive systems.

Prerequisites:

(NUR113) Biochemistry

3 Cr Hr (3,0)

This course learns the student about the chemical composition of cellular macromolecules, including carbohydrates, proteins, lipids, and nucleic acids. Following an explanation of bioenergetic principles, the metabolism of carbohydrates, lipids, and nitrogen-containing substances such as amino acids, proteins, nucleic acids, and related chemicals, as well as the processes governing their regularity, will be covered. Additionally, pertinent biochemical methods will be covered.

Prerequisites: -

(NUR136) Microbiology

3 Cr Hr (3,0)

This course introduces students to the diversity, physiology, morphology, genetics, ecology, applications, and pathogenicity of microbes while also covering the fundamentals of microbiology. Students will be able to comprehend how bacteria, archaea, viruses, and eukaryotic microorganisms are structured and function.

Prerequisites: -

(NUR232) Pharmacology

3 Cr Hr (3,0)

This course aims to acquaint the students with the fundamentals of drug action, pharmacokinetics, safety, and interactions. The function of nursing in this process is to prescribe various medications that have an impact on many physiological systems, including the autonomic transmission and the crucial endocoid mediator of inflammation (histamine and eicosanoids).

Prerequisites: -

(NUR134) Pathophysiology

3 Cr Hr (3,0)

This course focuses on the physiological changes brought on by internal and external environmental stresses, as well as the pathological reactions of the body to these changes that result in the development of illness signs and symptoms. The ideas and foundations of the most prevalent health issues are reviewed in this course. The content emphasizes the unique health requirements throughout an individual's life.

Prerequisites: -

XII. Courses offered by Other Schools

ARB099: Arabic 99

0 Cr Hr (3,0)

This course aims to develop student's ability to read, comprehend, literary analyze, grammatically analyze, linguistically analyze, poetically analyze, and rhetorically analyze texts properly. The course also includes a selection of Arabic literature in poetry and prose representing different literary ages, in addition to several common forms of writing such as scientific article, news article, and others.

Prerequisites: -

ARB100: Arabic

3 Cr Hr (3,0)

This course aims to improve the student's competence in the various linguistic skills in terms of reading, comprehension, and taste. This is achieved through the study of selected texts with many implications that raise issues in spelling, grammar, composition, meaning, and inference, and the use of an old and modern thesaurus.

Prerequisites: ARB099

ENGL099: English II

0 Cr Hr (3,0)

Students will focus on English at a pre-intermediate level concentrating on the receptive skills of reading and listening and the productive skills of writing and speaking. These will include such things as comparatives and superlatives, quantifiers, possessive adjectives and pronouns, vocabulary building, role-play activities for speaking, reading comprehension and writing short descriptive paragraphs.

Prerequisites: -

ENGL101: English III

1 Cr Hr (3,0)

Students will focus on English at an intermediate level concentrating on the receptive skills of reading and listening and the productive skills of writing and speaking. These will include collocations, tense review, affirmative, negative statements, synonyms and antonyms, time clauses, conditionals, active and passive forms, reported speech, phrasal verbs, reading comprehension with detailed questions, vocabulary and writing developed descriptive and opinion essays.

Prerequisites: ENGL099

ENGL102: English IV

1 Cr Hr (3,0)

Students will focus on English at an upper-intermediate level concentrating on the receptive skills of reading and listening and the productive skills of writing and speaking. Model verb review, silent letters and proper pronunciation, jobs and careers, requests and offers, more phrasal verbs with vocabulary building, relative clauses and relative pronouns, narrative tenses for writing exercises, wishes and regrets, reading and comprehending longer passages with direct and inference questions of medium difficulty, hypothesizing, and writing fully developed descriptive, argumentative and analytical essays of 350 words.

Prerequisites: ENGL101

ENGL 201: English V

2 Cr Hr (3,0)

Students will focus on English at an Advanced level. Students will analyze and produce 2 – 3 page essays with an emphasis on argumentation and persuasion working both independently and cooperatively to gather, evaluate, and synthesize necessary information. Class activities include interactive lectures, small group and class discussions, informal debates, peer feedback, individual presentations, focused listening exercises and focused viewing exercises as well as assorted reading, writing, and grammar assignments.

There will be some poetry analysis together with reading and understanding a short story and a drama using basic literary terms and concepts.

Prerequisites: ENGL102

ENGL 202: English VI

2 Cr Hr (3,0)

Students will continue to focus on English at an Advanced level. Students will analyze and produce 4 – 5 page essays emphasizing argumentative, persuasive and discursive styles of writing, working both independently and cooperatively to gather, evaluate, and synthesize necessary information. Students will integrate the practice of critical thinking and reading into the writing process. Class activities include interactive lectures, small group and class discussions, informal debates, mini-conferences, peer feedback, individual presentations, focused listening exercises and focused viewing exercises as well as assorted reading, writing, and grammar assignments. There will be some poetry analysis together with reading and understanding a short story and a drama using stronger and more intensive literary terms and concepts than in 201.

Prerequisites: ENGL201

GERL101B1: German I B1 track

3 Cr Hr (9,0)

By the end of this module, the student will be able to:

- Comprehend very familiar, everyday expressions and very simple sentences and structures related to areas of most immediate relevance according to the discretionary standards in the *Common European Framework of Reference for Languages* (CEFR) at the Level A1.1 (beginners without pre-knowledge).
- Introduce herself/himself and others, express likes and dislikes, fill out a personal form, ask questions and give answers in present and partially in past tense, set private and semi-official appointments, describe people and things and express frequency and quantity in a very basic way both orally and in writing.
- Communicate with native speakers on a very basic level if those involved in the conversation speak slowly and clearly and are willing to support the non-native speaker.

Prerequisites: Intensive pre-course (only for 1st semester of an academic year)

GERL102B1: German II B1 track

3 Cr Hr (9,0)

By the end of this module, the student will be able to:

- Understand and use familiar, everyday expressions and very simple sentences and structures related to areas of most immediate relevance according to the discretionary standards in the *Common European Framework of Reference for Languages* (CEFR) at the level A1.2 (basic users).
- Introduce herself/himself and others, express likes and dislikes, fill out a personal form, ask questions and give answers in present and past tense, set private and official appointments, describe people and things, ask for directions, express frequency and quantity in a basic way both orally and in writing.
- Communicate with native speakers on a very basic level if those involved in the conversation speak slowly and clearly and, if need be, are willing to support the non-native speaker.

Prerequisites: GERL101B1

GERL201B1: German III B1 track

3 Cr Hr (6,0)

By the end of this module, the student will be able to:

- Understand and use familiar, frequently used expressions and simple sentences and structures related to areas of a wider immediate relevance according to the discretionary standards in the *Common European Framework of Reference for Languages* (CEFR) at the level A2.1 (basic users).

- Talk about their academic and/or professional background, describe their living conditions, express likes and dislikes, ask questions and give answers in present and past tense, ask for help and support, make suggestions and give advice, describe health problems and talk with medical doctors and nurses, express pity, sorrow and hopes, express frequency and quantity in a basic way both orally and in writing.
- Communicate with native speakers within simple and familiar tasks requiring a simple and direct exchange of information on familiar and routine matters.

Prerequisites: GERL102B1

GERL202B1: German IV B1 track

3 Cr Hr (9,0)

By the end of this module, the student will be able to:

- Distinguish between familiar expressions, sentences and structures related to areas of immediate relevance and more elaborated components like the main points of clear standard input on familiar matters regularly encountered in work, school, leisure etc. according to the discretionary standards in the *Common European Framework of Reference for Languages* (CEFR) at the level A2.2 (basic users) and, partially, at the level B1.1 (independent user).
- Talk about personal experiences with languages, express feelings of happiness, joy and discomfort, describe own media consumption habits, describe travel experiences, convince others, describe and report in official situations, describe statistics, write formal invitations and short emails, make suggestions and talk about future events and situations, describe dreams hopes and ambitions and briefly give reasons or explanations for opinions and plans.
- Communicate with native speakers about essential points and ideas in familiar contexts.
- Understand the characteristics of the official B1 exam according to the CEFR and use strategies to overcome obstacles while solving said exam.

Prerequisites: GERL201B1

GERL301B1: German V B1 track

3 Cr Hr (9,0)

By the end of this module, the student will be able to:

- Understand the main points of clear standard input on familiar matters regularly encountered in work, school, leisure etc. according to the discretionary standards in the *Common European Framework of Reference for Languages* (CEFR) at the level B1.1 and B1.2 (independent user).
- Deal with most situations likely to arise whilst traveling in an area where German is spoken, produce simple connected texts on topic which are familiar or of personal interest, describe experiences and events, dreams, hopes and ambitions, statistics, and briefly give reasons and explanations for opinions and plans.
- Understand the main point of many radio or TV programmes on current events and topics, understand the description of events, feelings and wishes in personal letters, write personal letters/texts describing experiences and impressions, write straightforward connected texts on topics which are familiar or of personal interest.
- Communicate with native speakers about essential points and ideas in familiar contexts and about topics of personal or partially professional interest.
- Follow a lecture or talk within her/his field, provided the subject matter is familiar and the presentation straightforward and clearly structured.
- Understand simple technical information, such as operating instructions for everyday equipment.
- Understand all characteristics of the official B1 exam according to the CEFR and use a variety of strategies to overcome obstacles while solving said exam and all its components.

Prerequisites: GERL202B1

GERL302REG: German VI Regular**3 Cr Hr (6,0)**

By the end of this module, the student will be able to:

- Successfully manage the application process for a six months internship in Germany which is part of the obligatory 'German Year' for all GJU students. The process consists of finding and understanding a suitable add in accordance with the students' major, writing a convincing CV and cover letter, and mastering an effective and mostly fluent interview, departing spontaneously, taking initiatives, expanding ideas with little help or prodding from the interviewer.
- Successfully manage the most significant situations which the student, in accordance with the currently studied major, encounters during her/his theoretical and practical semester in Germany. This process is being achieved within a technical language training focussing on action orientated and communicative scenarios like following lectures, taking notes, summarizing academic and technical texts, writing official emails and texts related to academic and vocational encounters, holding presentations, communicating both verbally and in writing with professors, university staff, students as well as with colleagues and customers during an internship.
- Understand the concept of general intercultural phenomena, reflect and understand the differences between culture and cultural standards in Jordan and in Germany, understand the concept of 'culture shock' and potentially cope with its different stages, reflect about appropriate and inappropriate behaviour in Germany as well as understand the concepts of open-mindedness and 'culture clash'.

Prerequisites: **GERL301B1**

GERL302INT: German VI Intensive**3 Cr Hr (9,0)**

By the end of this module, the student will be able to:

- Successfully manage the application process for a six months internship in Germany which is part of the obligatory 'German Year' for all GJU students. The process consists of finding and understanding a suitable add in accordance with the students' major, writing a convincing CV and cover letter, and mastering an effective and mostly fluent interview, departing spontaneously, taking initiatives, expanding ideas with little help or prodding from the interviewer.
- Successfully manage the most significant situations which the student, in accordance with the currently studied major, encounters during her/his theoretical and practical semester in Germany. This process is being achieved within a technical language training focussing on action orientated and communicative scenarios like following lectures, taking notes, summarizing academic and technical texts, writing official emails and texts related to academic and vocational encounters, holding presentations, communicating both verbally and in writing with professors, university staff, students as well as with colleagues and customers during an internship.
- Understand the concept of general intercultural phenomena, reflect and understand the differences between culture and cultural standards in Jordan and in Germany, understand the concept of 'culture shock' and potentially cope with its different stages, reflect about appropriate and inappropriate behaviour in Germany as well as understand the concepts of open-mindedness and 'culture clash'.
- Understand all characteristics of the official B1 exam according to the CEFR and use different strategies to overcome obstacles while solving said exam and its different components.

Prerequisites: **GERL301B1**

GERL102B2: German II B2 track**3 Cr Hr (9,0)**

By the end of this module, the student will be able to:

- Understand and use familiar, everyday expressions and simple sentences and structures related to areas of most immediate relevance according to the discretionary standards in the *Common European Framework of Reference for Languages* (CEFR) at the level A1.2 and, partially, A2.1 (basic users).

- Talk about their academic and/or professional background, describe their living conditions, express likes and dislikes, ask questions and give answers in present and past tense, ask for help and support, make suggestions and give advice, express pity, sorrow and hopes, express frequency and quantity in a basic way both orally and in writing.
- Introduce herself/himself and others, express likes and dislikes, fill out a personal form, ask questions and give answers in present and past tense, set private and official appointments, describe people and things, ask for directions, express frequency and quantity in a basic way both orally and in writing.
- Communicate with native speakers on a basic level if those involved in the conversation speak slowly and clearly and, if need be, are willing to support the non-native speaker.

Prerequisites: **GERL101B1**

GERL201B2: German III B2 track

3 Cr Hr (6,0)

By the end of this module, the student will be able to:

- Distinguish between familiar expressions, sentences and structures related to areas of immediate relevance and more elaborated components like the main points of clear standard input on familiar matters regularly encountered in work, school, leisure etc. according to the discretionary standards in the *Common European Framework of Reference for Languages* (CEFR) at the level A2.1 and A2.2 (basic users).
- Talk about their academic and/or professional background, describe their living conditions, express likes and dislikes, ask questions and give answers in present and past tense, ask for help and support, make suggestions and give advice, describe health problems and talk with medical doctors and nurses, express pity, sorrow and hopes, describe simple statistics, express frequency and quantity in a basic way both orally and in writing, express feelings of happiness, joy and discomfort and write personal emails and letters, understand and produce comments, blogs and reports.
- Communicate with native speakers in simple and familiar tasks requiring a simple and direct exchange of essential information on familiar and routine matters.

Prerequisites: **GERL102B2**

GERL202B2: German IV B2 track

3 Cr Hr (9,0)

By the end of this module, the student will be able to:

- Understand the main points of clear standard input on familiar matters regularly encountered in work, school, leisure etc. according to the discretionary standards in the *Common European Framework of Reference for Languages* (CEFR) at the level B1.1 and B1.2 (independent user).
- Deal with most situations likely to arise whilst traveling in an area where German is spoken, produce simple connected texts on topic which are familiar or of personal interest, describe experiences and events, dreams, hopes and ambitions and briefly give reasons and explanations for opinions and plans.
- Understand the main point of many radio or TV programmes on current events and topics, understand the description of events, feelings and wishes in personal letters, write personal letters/texts describing experiences and impressions, write straightforward connected texts on topics which are familiar or of personal interest.
- Communicate with native speakers about essential points and ideas in familiar contexts and about topics of personal or partially professional interest.
- Follow a lecture or talk within her/his field, provided the subject matter is familiar and the presentation straightforward and clearly structured.
- Understand simple technical information, such as operating instructions for everyday equipment.
- Understand all characteristics of the official B1 exam according to the CEFR and use different strategies to overcome obstacles while solving said exam and all its components.

Prerequisites: **GERL201B2**

GERL301B2: German V B2 track**3 Cr Hr (9,0)**

By the end of this module, the student will be able to:

- Largely understand and produce rather complex texts on both concrete and abstract topics, including technical discussions in her/his field of specialization and according to the discretionary standards in the *Common European Framework of Reference for Languages* (CEFR) at the level B2.1 (independent user).
- Interact with an initial degree of fluency and spontaneity that makes regular interaction with native speakers quite possible without strain for either party.
- Largely understand standard spoken language, live or broadcast, on both familiar and unfamiliar topics normally encountered in personal, social, academic or vocational life.
- Show a relatively high controlled degree of grammatical control without making errors which cause misunderstanding and with the growing ability to correct most of her/his mistakes.
- Largely follow essentials of lectures, talks, reports and other forms of academic/professional presentation which are propositionally and linguistically complex.
- Understand announcements and messages on concrete and abstract topics spoken in standard dialect at normal speed.
- Scan quickly through long texts, locating relevant details and understand and exchange complex information and advice on the full range of matters related to her/his occupational role.
- Understand the main characteristics of the official B2 exam according to the CEFR and use different strategies to overcome obstacles while solving said exam and its different components.

Prerequisites: **GERL202B2**

GERL302B2: German VI B2 track**3 Cr Hr (6,0)**

By the end of this module, the student will be able to:

- Understand and produce rather complex texts on both concrete and abstract topics, including technical discussions in her/his field of specialization and according to the discretionary standards in the *Common European Framework of Reference for Languages* (CEFR) at the level B2.2 (independent user).
- Interact with a degree of fluency and spontaneity that makes regular interaction with native speakers quite possible without strain for either party.
- Understand standard spoken language, live or broadcast, on both familiar and unfamiliar topics normally encountered in personal, social, academic or vocational life.
- Show a highly controlled degree of grammatical control without making errors which cause misunderstanding and with the growing ability to correct most of her/his mistakes.
- Follow essentials of lectures, talks, reports and other forms of academic/professional presentation which are propositionally and linguistically complex.
- Understand announcements and messages on concrete and abstract topics spoken in standard dialect at normal speed.
- Scan quickly through long texts, locating relevant details and understand and exchange complex information and advice on the full range of matters related to her/his occupational role.
- Understand all characteristics of the official B2 exam according to the CEFR and use different strategies to overcome obstacles while solving said exam and its different components.
- Successfully manage the application process for a six months internship in Germany which is part of the obligatory 'German Year' for all GJU students. The process consists of finding and understanding a suitable add in accordance with the students' major, writing a convincing CV and cover letter, and mastering an effective and mostly fluent interview, departing spontaneously, taking initiatives, expanding ideas with little help or prodding from the interviewer.
- Successfully manage the most significant situations which the student, in accordance with the currently studied major, encounters during her/his theoretical and practical semester in Germany. This process is being achieved within a technical language training focussing on action orientated and communicative scenarios like following lectures, taking notes, summarizing academic and

technical texts, writing official emails and texts related to academic and vocational encounters, holding presentations, communicating both verbally and in writing with professors, university staff, students as well as with colleagues and customers during an internship.

- Understand the concept of general intercultural phenomena, reflect and understand the differences between culture and cultural standards in Jordan and in Germany, understand the concept of 'culture shock' and potentially cope with its different stages, reflect about appropriate and inappropriate behaviour in Germany as well as understand the concepts of open-mindedness and 'culture clash'.

Prerequisites: GERL301B2

BE302: Business Entrepreneurship

3 Cr Hr (3,0)

The course focuses on critical skills necessary to develop appropriate financing strategies for new venture creation and growth. Students will use case studies and team projects in course studies. Three primary topics are covered: first, an overview of the entrepreneurial finance process and involved players; second, performing business valuations; and third, securities law with emphasis on developing term sheets and private placement memorandums. Student teams will complete a valuation and mock securities offering for an existing small to mid-size business. Financial valuations and terms sheets developed by student teams will be presented to a panel of venture capital professionals for evaluation and critique.

Prerequisites: English101

DES101: Arts Appreciation

3 Cr Hr (3,0)

An introductory course designed for non-art students to give them the basic knowledge of arts and simple approaches to the understanding of the history, development, elements, criticism, esthetics and materials of different art forms (visual, aural and performing arts). A comparative approach between the different arts is given to enhance the students' global understanding of arts and to give them the ability to look at art works and form their own opinions. The course is combined with examples of audio and visual arts.

Prerequisites: ARB099, ENGL101

IC101: Intercultural Communication

3 Cr Hr (3,0)

This course is designed to provide prospective students (whose majors have an international flavor) with tools that offer powerful possibilities for improving the communication process. We will examine the process of sending and receiving messages between people whose cultural background could lead them to interpret verbal and nonverbal signs differently. We will learn about the diversity of these cultural differences and at the same time learn how we might overcome them. Our efforts to recognize and surmount cultural differences will hopefully open up business opportunities throughout the world and maximize the contribution of all the employees in a diverse workforce.

Prerequisites: English101

MILS100: Military Science

3 Cr Hr (3,0)

History of the Jordanian Arab Army. United Nations Peace Keeping Forces. Preparation of the nation for defense and liberation. History of the Hashemite Kingdom of Jordan and its development.

Prerequisites:

NE101: National Education

3 Cr Hr (3,0)

In a context of striving towards democracy like the one Jordan enjoys today, the meaning and practice of active and responsible citizenship becomes more crucial. It is often argued that democracy requires "democrats" to flourish, and become well established. Democrats are those women and men who recognize pluralism, inclusion, positive engagement, and participation as the main values that govern their interaction

with the state as citizens and with each other as diverse people of different interests. In this course you will be able to understand your rights and responsibilities as Jordanian citizen expand your knowledge about the frameworks, and processes that regulates citizen-state relationships as well as the basic necessary skills for you to practice your citizenship rights in a civic manner.

Prerequisites:

SE301: Social Entrepreneurship and Enterprises

3 Cr Hr (3,0)

This course will serve as an introduction to the field of social entrepreneurship and social enterprises. Through lectures, field visits, analyses of relevant literature, case studies and exercises, this course will explore social entrepreneurship's potentials, opportunities and limitations. The topics will cover Defining Social Entrepreneurship. Contextualizing Social Entrepreneurship (need, motives, forms, criteria). Role of Leadership, Creativity and Innovation. Locating SE on the profit/non-profit continuum. SE in the larger fields of development, social change, community activism. Social Enterprises (Missions, Markets, Finances). Ethical business and corporate social responsibility.

Prerequisites: English101

SFTS101: Soft Skills

3 Cr Hr (3,0)

This course is designed to help develop strong oral and written communication skills. The student will be given opportunities to practice writing and editing professional correspondence and technical reports. Additionally, the student will compose and deliver oral presentations. Assignments will include the use of inductive and deductive approaches to conveying a variety of messages. The course emphasis the use of software tools to prepare presentations, stress management, confidence, and sensitivity to others. It also stresses on resume writing and conducting interviews.

Prerequisites: English101

PE101 Sports and Health

3 Cr Hr (3,0)

The course focuses on identifying and summarizing the important features of Health Culture in human lives and to link between sports and health, important concepts and principles of first aid to treat any accidents, identifying nutrition science by recognizing the essential food elements, components and facts, and identifying and understanding Olympic values and practices. Topics covered include: Introduction to sports and health; Health and fitness; Physical fitness (component, benefits); Nutrition; Obesity; Diabetes; Olympic; Olympic values; Sports in Jordan; Doping; Smoking; Sport injuries and first aid; Hooliganism.

Prerequisites: ARB099

EI101 Leadership and Emotional Intelligence

3 Cr Hr (3,0)

The course focuses on better understanding and managing of people emotions, and how to control the emotional impact they have on others to optimize any situation. In addition, to apply necessary skills to be leaders both in their personal and professional lives, distinguishing the various styles of leadership and when and how to apply them. Topics covered include: Assessing Your Emotional Intelligence. Universal Emotions; Triggers and emotional hijacks; Daniel Goleman's EI Model: Self-awareness; self-management; empathy; social skills; Women in leadership roles; Emotional labor; Understanding the science of moods; Mirroring and emotional contagion; Leadership vs. management; Top 10 leadership qualities of a manager; Ethics and leadership; Leadership that gets results (leadership styles); Feedback; Teamwork; Self-improvement: Comfort zone; Being realistic; Antithesis theory.

Prerequisites: English101