



School of
Nursing

German Jordanian University

School of Nursing

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

Study Plan 2023

Modified: 21/1/2026

Version: 16

I. Vision

Inspiring excellence in nursing education through innovation and applied education.

II. Mission

To provide high-quality applied nursing education and research that fosters entrepreneurship and sustainability in healthcare, through partnership with local, German, and international health-related industrial communities to optimize healthcare outcomes.

III. Program Objectives

The Bachelor of Science in nursing program emphasizes the application of the best-practice educational strategies, technologies, and tools in the short term, and to build the ability to discover, acquire, and adapt new knowledge and skills in the long term. Such that the program:

- a. Provide high-quality nursing education and applied training according to national and international competencies.
- b. Enhance creativity, innovation, in client care, management, decision-making, leadership, and quality.
- c. Build strategic and sustainable collaboration with national and German healthcare institutions, which enhances nursing knowledge and provides advanced clinical training.
- d. Promote the concepts of health and well-being to different societies and effectively enhance community awareness about health challenges.
- e. Foster an entrepreneurial mindset and promote sustainable healthcare practices through innovative research and development.

IV. Learning Outcomes

Upon completion of the nursing program requirements at GJU, Nursing students are expected to:

1. [KP1]: Comprehend the nursing and related knowledge, theories, updated evidence, critical thinking, and clinical reasoning strategies to plan ethical, quality, and holistic nursing care in varied contexts.
2. [KP2]: Appraise the present knowledge, current practice guidelines to promote the quality of provided care.
3. [SP1]: Apply evidence-based nursing skills to provide a holistic, systematic, prioritized, and safe nursing care that adheres to the nursing regulatory context.
4. [SP2]: Construct healthcare plans based on a solid assessment, diagnosing, planning, implementation, evaluation, and documentation to achieve the desired healthcare outcomes.
5. [SP3]: Interpret clients' responses to illness and wellness conditions and provide care to evaluate progression towards desired healthcare outcomes.
6. [CP1]: Demonstrate goal-directed, professional, therapeutic communication skills in relationships with clients, families, and healthcare professionals.
7. [CP2]: Collaborate responsibly and effectively with the clients, healthcare professionals, and organizations in Germany and Jordan, considering cultural, beliefs, and values variations to provide effective centered client care.
8. [CP3]: Apply the principles of advocacy, leadership, and management to coordinate and provide quality nursing care, considering client's confidentiality.

Course Delivery Methods

Courses are in one of the following three methods:

- **Face-to-Face (F2F) Method**
Courses that are taught through face-to-face learning are delivered at the university campus.
- **Blended (BLD) Method**
Courses in which teaching consists of face-to-face learning and asynchronous E-learning. The face-to-face

learning takes place at the university campus. Asynchronous E-learning takes place through activities, tasks, educational duties, and assignments through the virtual E-learning platforms (Moodle and MyGJU) without direct meetings with course instructors.

- **Online (OL) Method**

Courses in which teaching consists of synchronous E-learning and asynchronous E-learning. Synchronous E-learning takes place through interactive virtual meetings between instructors and students directly through the virtual E-learning platform (MS Teams). Asynchronous E-learning takes place through activities, tasks, educational duties, and assignments through the virtual E-learning platforms (Moodle and MyGJU) without direct meetings with course instructors.

V. Admission Requirements

To apply for admission, the following minimum requirements must be met:

- A minimum high school grade of 70%.
- An original or certified copy of the high school transcript for Tawjihi students in Jordan. A certified copy of the certificate of equivalency issued by the Ministry of Education for students who completed their high school requirements in Arab countries or who were enrolled in foreign high school programs (IB, IGCSE/GCE, HSD & SAT II).
- Two recent passport-size personal photos, kindly write your name on the back of the photos.
- A certified copy of the personal ID from the Civil Status department and a copy of your passport data page (for Jordanians), or a certified copy of your foreign passport from the country's embassy in Jordan (for non-Jordanians).
- A copy of the Military Service book for male students – data page and postponement (not required for non-Jordanians).

Placement Tests

Applicants must sit for placement tests in the Arabic Language, the English Language, and Mathematics to determine whether the applicant may be required to take remedial courses in the mentioned subjects. Depending on the applicant's scores in the placement tests, some of the following 3-credit-hour remedial courses are required:

Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites
				Lect.	Prac.		
ARB0099	Elementary Arabic	3	3	3	-	OL	Placement test
ENGL0098	Elementary English	3	3	3	-	F2F	Placement test
ENGL0099	Intermediate English	3	3	3	-	F2F	ENGL0098
Total		9	9	9	0		

- Remedial courses are to be completed and passed within the first year of enrollment.
- Passing grade of remedial courses is 60%.
- ECTS (B.Sc.): is the European Credit Transfer and Accumulation. One ECTS is equivalent to 30 actual workload hours.

VI. Degree Requirements

The requirements to obtain a Bachelor of Science in Nursing are the following:

- A minimum of 88 credit hours of Department Compulsory requirements.
- A minimum of 9 credit hours of elective courses are to be taken at a partner university in Germany.
- A minimum of 21 credit hours of University Compulsory requirements.
- A minimum of 6 credit hours of University Elective requirements.
- A minimum of 25 credit hours of Faculty Compulsory requirements

VII. Framework for B.Sc. in Nursing Degree (149 Credit Hours)

Classification	Credit Hours			ECTS		
	Compulsory	Elective	Total	Compulsory	Elective	Total
University Requirements	21	6	27	25	6	31
School Requirements	25	0	25	38	0	38
Program Requirements	88	9	97	150	21	172
Total	134	15	149	213	27	240

Course Delivery Method	Credit Hours	Percentage
Online Courses	20	13.5%
Blended Courses	45	30%
Face-to-Face Courses	84	56.5%
Total	149	100%

1. University Requirements: (27 Credit Hours)

1.1. Compulsory: (21 credit hours)

Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites	
				Lect.	Prac.			
ARB100	Arabic	3	3	3	0	OL	ARB0099	
ENGL1001	Upper Intermediate English	3	3	3	0	F2F	ENGL0099	
ENGL1002	Advanced English	3	3	3	0	F2F	ENGL1001	
GERL101B1	German I B1-Track	3	6	9	-	F2F	-	
GERL102B1	German II	B1-Track	3	6	9	-	F2F	GERL101B1
GERL102B2		B2-Track						
MILS100	Military Science	3	2	3	0	OL	-	
NE101	National Education	3	2	3	0	OL	-	
NEE101	National Education in English							
Total		21	25	33	0			

1.2. Elective: (6 credit hours) (Two courses out of the following)

Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites
				Lect.	Prac.		
DES101	Arts' Appreciation	3	3	3	0	OL	ENGL0098, ARB0099
EI101	Leadership and Emotional Intelligence	3	3	3	0	F2F	ENGL0098
IC101	Intercultural Communications	3	3	3	0	F2F	ENGL0098
PE101	Sports and Health	3	3	3	0	F2F	ARB0099
SE301	Social Entrepreneurship and Enterprises	3	3	3	0	F2F	ENGL0098
SFTS101	Soft Skills	3	3	3	0	OL	ENGL0098
BE302	Business Entrepreneurship	3	3	3	0	OL	ENGL0098
TW303	Technical and Workplace Writing	3	3	3	0	OL	ENGL0098
Minimum required		6	6	6	0		

2. School Requirements: (25 Credit Hours)

Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites
				Lect.	Prac.		
GERL201NU	German III- Nursing Track	3	4	6	0	F2F	GERL102B1 or GERL102B2
GERL202NU	German IV- Nursing Track	3	6	6	0	F2F	GERL201NU
NUR1302	Human Anatomy	3	5	3	0	BLD	-
NUR1303	Human Physiology	3	5	3	0	BLD	-
NUR1305	Human Physiology and Anatomy – Lab	1	2	0	2	F2F	NUR1302 ^{Co} NUR1303 ^{Co}
NUR1104	Biochemistry For Nurses	3	3	3	0	BLD	-
NUR1308	Microbiology For Nurses	2	2	2	0	BLD	-
NUR1309	Microbiology For Nurses – Lab	1	2	0	2	F2F	NUR1308 ^{Co}
NUR1304	Pathophysiology	3	5	3	0	BLD	NUR1305 ^{Co}
NUR2302	Pharmacology	3	4	3	0	BLD	NUR1303 ^{Co}
Total		25	38	32	4		

3. Program Requirements (97 Credit Hours)

3.1. Program Requirements (Compulsory): (88 Credit Hours)

Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites
				Lect.	Prac.		
GERL301NU	German V-Nursing Track	3	6	6	0	F2F	GERL202NU
GERL302NU	German VI-Nursing Track	3	6	6	0	F2F	GERL301NU
GERL401NU	German VII-Nursing Track	3	6	9	0	F2F	GERL302NU
GERL402NU	German VIII-Nursing Track	3	9	9	0	F2F	GERL401NU
NUR1901	Intensive Clinical Training I	1	2	0	8	F2F	NUR1201
NUR1201	Foundations of Nursing	3	5	3	0	F2F	-
NUR1202	Foundations of Nursing – Lab	2	5	0	8	F2F	NUR1201 ^{Co}
NUR1203	Health Assessment	3	5	3	0	F2F	NUR1201
NUR1204	Health Assessment – Lab	2	5	0	8	F2F	NUR1201, NUR1203 ^{Co}
NUR2901	Intensive Clinical Training II	2	3	0	16	F2F	NUR1901, NUR2402
NUR2201	Health Education and Communication Skills	2	1	2	0	OL	NUR1201
NUR2202	Growth, Development, and Nutritional Needs	2	1	2	0	OL	NUR1201
NUR2203	Research Methods and Biostatistics	2	3	2	0	BLD	NUR2401
NUR2401	Adult Health Nursing I	3	3	3	0	F2F	NUR1201, NUR1304 ^{Co}
NUR2402	Adult Health Nursing I - Clinical	2	6	0	16	F2F	NUR1202, NUR2401 ^{Co}
NUR2403	Adult Health Nursing II	3	3	3	0	F2F	NUR2401, NUR1304, NUR2302 ^{Co}
NUR2404	Adult Health Nursing II - Clinical	2	6	0	16	F2F	NUR2402, NUR2403 ^{Co}
NUR3803	Geriatric Nursing	2	2	2	0	BLD	NUR2402
NUR3804	Geriatric Nursing – Clinical	2	4	0	8	F2F	NUR2402, NUR3803 ^{Co}
NUR3201	Trends And Ethics of Nursing Profession	2	1	2	0	OL	NUR1201
NUR3401	Critical Care Nursing	2	2	2	0	F2F	NUR2403
NUR3402	Critical Care Nursing - Clinical	2	5	0	16	F2F	NUR2404, NUR3401 ^{Co}

NUR3501	Maternal Health Nursing	3	2	3	0	BLD	NUR2401, NUR2302
NUR3502	Maternal Health Nursing - Clinical	2	4	0	8	F2F	NUR2402, NUR3501 ^{Co}
NUR3601	Child Health Nursing	3	2	3	0	BLD	NUR2401
NUR3602	Child Health Nursing – Clinical	2	4	0	8	F2F	NUR2402, NUR3601 ^{Co}
NUR3701	Mental Health Nursing	2	2	2	0	BLD	NUR2403
NUR3702	Mental Health Nursing - Clinical	2	4	0	8	F2F	NUR2404, NUR3701 ^{Co}
NUR1703	Psychology and Sociology	2	1	2	0	OL	NUR1201
NUR3801	Community Health Nursing	2	1	2	0	BLD	NUR3501, NUR3601
NUR3802	Community Health Care Nursing – Clinical	2	3	0	8	F2F	NUR3502, NUR3602 NUR3801 ^{Co}
NUR3901	Leadership, Management, and Digital Skills in Nursing	2	2	2	0	BLD	NUR2403
NUR3902	Intensive Clinical Training III	3	5	0	24	F2F	NUR2901, NUR2404
NUR3903	Exit Exam-Nursing Program ^a	0	1	0	0	--	
NUR4909	International Intensive Clinical Internship ^b	12	30	0	800	F2F	NUR3902, NUR3402, NUR3702, NUR3802
Total		88	150	62	2520 ^c		

Notes:

- ^a The exam should be taken in the second semester of the third year. It contains two parts: written and clinical. It is intended to measure the program ILOs.
- ^b The student completes the “International Intensive Clinical Internship” course hours based on 8 hr/day, and 5 days/week unless otherwise arranged with the partner university or training location.
The student must abide by the workload required by the partner university or internship institution.
The International Intensive Clinical Internship is a prerequisite to all elective courses if registered in Jordan.
- ^c Total number of clinical contact hours = 2,520 (1,720 in Jordan and 800 during the internship in Germany). Consider that the number of training weeks in the summer semester is 5 weeks and during the regular semester (first and second) is 15 weeks.

3.2. Program Requirements (Electives^d): (9 credit hours)

A minimum of 9 credit hours of coursework is required. This list is open for modifications based on school council decisions.

Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites
				Lect.	Prac.		
NUR4401	Special Topics in Nursing I	1	2	1	0	BLD	BSC001
NUR4501	Special Topics in Nursing II	2	3	2	0	BLD	BSC001
NUR4601	Special Topics in Nursing III	3	7	3	0	BLD	BSC001
NUR4101	Clinical Nutrition	3	7	3	0	BLD	BSC001
NUR4402	Acute Care Across Lifespan	3	7	3	0	BLD	BSC001
NUR4201	Nursing Models and Theories	3	7	3	0	BLD	BSC001
NUR4901	Multidisciplinary Quality and Safety	3	7	3	0	BLD	BSC001
NUR4902	Clinical Decision-Making	3	7	3	0	BLD	BSC001
NUR4403	Nursing Care for Patients with Serious Illnesses	3	7	3	0	BLD	BSC001
NUR4202	Comprehensive Nursing care in Complex situations	3	7	3	0	BLD	BSC001
NUR4203	Evidence-Practice in Nursing	3	7	3	0	BLD	BSC001
NUR4404	Long-Term Care for The Chronically Ill	3	7	3	0	BLD	BSC001

	and Elderly						
NUR4801	Health Promotion and Prevention	3	7	3	0	BLD	BSC001
NUR4204	Digital Future Skills in Nursing	3	7	3	0	BLD	BSC001
NUR4205	Framework Conditions of Nursing Action	3	7	3	0	BLD	BSC001
NUR4903	Financing And Quality of Nursing Care	3	7	3	0	BLD	BSC001
NUR4904	Conflict management in healthcare	3	7	3	0	BLD	BSC001
NUR4405	Wound Management	3	7	3	0	BLD	BSC001
NUR4206	Professional ethics in healthcare settings	3	7	3	0	BLD	BSC001
NUR4905	Management Of Care Processes in An Interdisciplinary Team	3	7	3	0	BLD	BSC001
NUR4407	Perioperative Nursing	3	7	3	0	BLD	BSC001
NUR4408	Nursing People with Oncological Illness	3	7	3	0	BLD	BSC001
NUR4906	Care Management and Quality Control	3	7	3	0	BLD	BSC001
NUR4409	Care In Internal Medicine	3	7	3	0	BLD	BSC001
NUR4207	Reflection And Case Understanding	3	7	3	0	BLD	BSC001
NUR4410	Nursing Care of People with Chronic Diseases/Disability	3	7	3	0	BLD	BSC001
NUR4411	Nursing Care to People with Acute Impairments	3	7	3	0	BLD	BSC001
NUR4412	Advanced Nursing Practice	3	7	3	0	BLD	BSC001
NUR4907	Case Management	3	7	3	0	BLD	BSC001
NUR4802	Rehabilitative Nursing	3	7	3	0	BLD	BSC001
NUR4208	Understanding and Diagnosing	3	7	3	0	BLD	BSC001
NUR4413	Advance Clinical Competencies	3	7	3	0	BLD	BSC001
NUR4414	Pain And Pain Management	3	7	3	0	BLD	BSC001
NUR4209	Understand Nursing Research and Basics of Statistics	3	7	3	0	BLD	BSC001
NUR4803	Counselling in Nursing	3	7	3	0	BLD	BSC001
NUR4804	Public Health	3	7	3	0	BLD	BSC001
NUR4210	Diagnostics And Process Design in Nursing	3	7	3	0	BLD	BSC001
NUR4415	Oncological Care and Palliative Care	3	7	3	0	BLD	BSC001
NUR4211	Innovation In Nursing	3	7	3	0	BLD	BSC001
NUR4502	Midwifery Care for the community	3	7	3	0	BLD	BSC001
NUR4503	From The Unborn to The Newborn	3	7	3	0	BLD	BSC001
NUR4102	Introduction To Technology and Digitization in Healthcare	3	7	3	0	BLD	BSC001
NUR4805	Public Health / Socioeconomic and Legal Framework	3	7	3	0	BLD	BSC001
Total		9	21	9	0		

^d All Elective courses to be taken at a partner university in Germany.

VIII. Study Plan^e Guide for a B.Sc. Degree in Science in Nursing

First Year							
First Semester							
Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites
				Lect.	Prac.		
GERL101B1	German I B1-Track	3	6	9	0	F2F	-
ENGL0098	Elementary English	3	-	3	-	F2F	Placement test
NUR1201	Foundations of Nursing	3	5	3	0	F2F	-
NUR1202	Foundations of Nursing – Lab	2	5	0	8	F2F	NUR1201 ^{Co}
NUR1302	Human Anatomy	3	5	3	0	BLD	-
NUR1303	Human Physiology	3	5	3	0	BLD	-
NUR1305	Human Physiology and Anatomy-Lab	1	2	0	2	F2F	NUR1302 ^{Co} , NUR1303 ^{Co}
Total		18	28	21	10		

First Year								
Second Semester								
Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites	
				Lect.	Prac.			
GERL102B1	German II	B1-Track	3	6	9	-	F2F	GERL101B1
GERL102B2		B2-Track						
ENGL0099	Intermediate English		3	-	3	-	F2F	ENGL0098
ARB0099	Elementary Arabic		3	-	3	-	OL	Placement test
NUR1304	Pathophysiology		3	5	3	0	BLD	NUR1305 ^{Co}
NUR1203	Health Assessment		3	5	3	0	F2F	NUR1201
NUR1204	Health Assessment-Lab		2	5	0	8	F2F	NUR1201, NUR1203 ^{Co}
Total		17	21	21	8			

First Year								
Summer Semester								
Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites	
				Lect.	Prac.			
NUR1901	Intensive Clinical Training I		1	2	0	8	F2F	NUR1202
NUR1104	Biochemistry for Nurses		3	3	3	0	BLD	-
NUR1308	Microbiology for Nurses		2	2	2	0	BLD	-
NUR1309	Microbiology for Nurses - Lab		1	2		2 twice a week	F2F	NUR1308 ^{Co}
MILS100	Military Science		3	2	3	0	OL	-
Total		10	11	8	12			

^e The following study plan guide does not take into account possible remedial courses.

Second Year							
First Semester							
Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites
				Lect.	Prac.		
GERL201NU	German III-NU Nursing Track	3	4	6	0	F2F	GERL102B1 or GERL102B2
NUR2302	Pharmacology	3	4	3	0	BLD	NUR1303 ^{Co}
NUR2401	Adult Health Nursing I	3	3	3	0	F2F	NUR1201, NUR1304 ^{Co}
NUR2402	Adult Health Nursing I - Clinical	2	6	0	16	F2F	NUR1202, NUR2401 ^{Co}
NE101	National Education	3	2	3	0	OL	-
ENGL1001	Upper-Intermediate English	3	3	3	0	F2F	ENGL0099
Total		17	22	18	16		

Second Year							
Second Semester							
Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites
				Lect.	Prac.		
GERL202NU	German IV-NU Nursing Track	3	6	6	0	F2F	GERL201NU
NUR2403	Adult Health Nursing II	3	3	3	0	F2F	NUR2402
NUR2404	Adult Health Nursing II - Clinical	2	6	0	16	F2F	NUR1204, NUR2401 ^{Co}
NUR2202	Growth, Development and Nutritional Needs	2	1	2	0	OL	NUR1201
	University Elective	3	3	3	0	F2F	ENGL0098
NUR3803	Geriatric Nursing	2	2	2	0	BLD	NUR2402
NUR3804	Geriatric Nursing – Clinical	2	4	0	8	F2F	NUR2402, NUR3803 ^{Co}
Total		17	25	19	24		

Second Year							
Summer Semester							
Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites
				Lect.	Prac.		
NUR2901	Intensive Clinical Training II	2	3	0	16		NUR1901, NUR2402
ARB100	Arabic	3	3	3	0	OL	ARB0099
GERL301NU	German V-NU Nursing Track	3	6	6	0	F2F	GERL202NU
NUR2201	Health Education and Communication Skills	2	1	2	0	OL	NUR1201
Total		10	13	14	16		

Third Year							
First Semester							
Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites
				Lect.	Prac.		
GERL302NU	German VI-NU Nursing Track	3	6	6	0	F2F	GERL301NU
NUR3501	Maternal Health Nursing	3	2	3	0	BLD	NUR2401, NUR2302
NUR3502	Maternal Health Nursing - Clinical	2	4	0	8	F2F	NUR2402, NUR3501 ^{Co}
NUR3201	Trends And Ethics of Nursing Profession	2	1	2	0	OL	NUR1201
NUR3601	Child Health Nursing	3	2	3	0	BLD	NUR2401
NUR3602	Child Health Nursing – Clinical	2	4	0	8	F2F	NUR2402, NUR3601 ^{Co}
ENGL1002	Advanced English	3	3	3	0	F2F	ENGL1001
Total		18	22	17	16		

Third Year							
Second Semester							
Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites
				Lect.	Prac.		
GERL401NU	German VII-NU Nursing Track	3	6	9	0	F2F	GERL302NU
NUR3901	Leadership, Management, and Digital Skills in Nursing	2	2	2	0	BLD	NUR2403
NUR2203	Research Methods and Statistics	2	3	2	0	BLD	NUR2401
NUR3701	Mental Health Nursing	2	2	2	0	BLD	NUR2403
NUR3702	Mental Health Nursing - Clinical	2	4	0	8	F2F	NUR2404, NUR3701 ^{Co}
NUR1703	Psychology and Sociology	2	1	2	0	OL	NUR1201
NUR3401	Critical Care Nursing	2	2	2	0	F2F	NUR2403
NUR3402	Critical Care Nursing - Clinical	2	5	0	16	F2F	NUR2404, NUR3401 ^{Co}
NUR3903	Exit Exam-Nursing Program ^f	0	1	0	0	--	
Total		17	26	19	24		

^fThe exam should be taken in the second semester of the third year. It contains two parts: written and clinical. It is intended to measure the program ILOs.

Third Year							
Summer Semester							
Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites
				Lect.	Prac.		
NUR3902	Intensive Clinical Training III	3	5	0	24	F2F	NUR2901, NUR2404
NUR3801	Community Health Nursing	2	1	2	0	BLD	NUR3501, NUR3601
NUR3802	Community Health Nursing - Clinical	2	3	0	8	F2F	NUR3502, NUR3602 NUR3801 ^{Co}
	University Elective	3	3	3	0	OL	-
Total		10	12	5	32		

Fourth Year							
First Semester							
Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites
				Lect.	Prac.		
GERL402NU	German VIII-NU Nursing Track	3	9	3	0	BLD	BSC001
	Program Elective	3	7	3	0	BLD	BSC001
	Program Elective	3	7	3	0	BLD	BSC001
	Program Elective	3	7	3	0	BLD	BSC001
Total		12	30	12	0		

Fourth Year							
Second Semester							
Course ID	Course Name	Credit Hours	ECTS	Contact Hours		Type	Prerequisites / Corequisites
				Lect.	Prac.		
NUR4909	International Intensive Clinical Internship ^g	12	30	0	800	F2F	NUR3902, NUR3402, NUR3702, NUR3802
Total		12	30	0	800		

^g Courses attended and/or passed during the “International Intensive Clinical Internship” are not transferable.

Prerequisite courses for the German year:

Passing ALL the following courses:

1. *NUR3401* Critical Care Nursing, *NUR3402* Critical Care Nursing-Clinical.
2. *NUR3701* Mental Health Nursing, *NUR3702* Mental Health Nursing-Clinical.
3. *NUR3601* Child Health Nursing, *NUR3602* Child Health Nursing-Clinical.
4. *NUR2203* Research Methods and Statistics.
5. *NUR3803* Geriatric Nursing, *NUR3804* Geriatric Nursing-Clinical.
6. *ENGL1002* Advanced English.
7. *GERL401NU* German Language VII-Nursing Track.
8. *NUR3802* Community Health Nursing – Clinical

IX. Compulsory Courses Offered by Nursing Department

NUR3201: Trends and Ethics of Nursing profession

2 Cr Hr (2,0)

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.

Prerequisites: NUR1201

NUR1203: Health Assessment

3 Cr Hr (3,0)

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.

Prerequisites: NUR1201

NUR1204: Health Assessment Lab

2 Cr Hr (0,6)

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.

Prerequisite: NUR1201, *Co-requisites:* NUR1203

NUR2201: Health Education and Communication Skills

2 Cr Hr (2,0)

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.

Prerequisites: NUR1201

NUR1201: 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.

Prerequisites: None

NUR1202: 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.

Co-requisites: NUR1201

NUR2401: 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.

Prerequisites: NUR1203, NUR1304^{Co}

UR2402: Adult Health Nursing I- Clinical

2 Cr Hr (0,12)

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.

Prerequisite: NUR1204, NUR2401^{Co}

NUR2403: 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.

Prerequisites: NUR2401, NUR1304, NUR2302^{Co}

NUR2404: Adult Health Nursing II- Clinical

2 Cr Hr (0,12)

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.

Prerequisites: NUR1204, *Co-requisite:* nur2402, nur2403^{Co}

NUR2202: Growth, Development and Nutritional Needs

2 Cr Hr (2,0)

This course prepares students to understand children's physical, social, emotional, and intellectual growth and development, with a strong emphasis on their nutritional needs and the role of nutrition in promoting overall health and well-being. The course focuses on equipping students with the knowledge and skills necessary to provide comprehensive nursing care that addresses the developmental and dietary requirements of children at each stage of growth. Students will learn to create environments and implement nutritional strategies that optimize growth, prevent deficiencies, and support healthy development. Integration of growth and developmental theories, along with an in-depth understanding of nutritional needs, will be a key component of this course.

Prerequisites: NUR1201

NUR3501: 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: NUR2403, NUR2302

NUR3502: Maternal Health Nursing- Clinical

2 Cr Hr (0,8)

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.

Prerequisite: NUR2404, NUR3501^{Co}

NUR3701: Mental Health Nursing

2 Cr Hr (2,0)

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: NUR2403

NUR3702: Mental Health Nursing- Clinical **2 Cr Hr (0,8)**

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.

Prerequisite: NUR2404, NUR3701^{Co}

NUR1703: Psychology and Sociology **2 Cr Hr (2,0)**

This course introduces undergraduate nursing students to the foundational principles of psychology and sociology, focusing on their relevance to patient care. Students will explore human behavior, social dynamics, and cultural diversity, as well as their impact on health outcomes. Key topics include psychological theories, social determinants of health, culture care competency, and the role of family and society in shaping health behaviors.

Prerequisites: NUR1201

NUR3801: Community Health Nursing **2 Cr Hr (2,0)**

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: NUR3501, NUR3601

NUR3802: Community Health Nursing- Clinical **2 Cr Hr (0,8)**

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.

Prerequisite: NUR3502, NUR3602, NUR3801^{Co}

NUR3601: 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.

Prerequisite: NUR2403

NUR3602: Child Health Nursing- Clinical **2 Cr Hr (0,8)**

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.

Prerequisite: NUR2404, NUR3601^{Co}

NUR3901: Leadership, Management, and Digital Skills in Nursing **2 Cr Hr (2,0)**

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. The course also introduces the technological advances in the healthcare industry. It covers the topics of health informatics, electronic health records, artificial intelligence, Simulation, and the use of virtual reality and how the technology reforms the healthcare industry.

Prerequisites: NUR2403

NUR2203: Research Methods and Biostatistics

2 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.

Prerequisites: NUR2403

NUR4909: International Intensive Clinical Internship

12 Cr Hr (0,48)

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.

Prerequisites: NUR3902, NUR3402, NUR3702, NUR3802

NUR1901: Intensive Clinical Training I

1 Cr Hr (0,4)

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.

Prerequisites: NUR1202

NUR2901: Intensive Clinical Training II

2 Cr Hr (0,8)

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.

Prerequisites: NUR1901, NUR1104, NUR2402

NUR3902: Intensive Clinical Training III

3 Cr Hr (0,12)

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.

Prerequisites: NUR2901, NUR3502, NUR3602

NUR3401: Critical care nursing

2 Cr Hr (2,0)

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.

Prerequisites: NUR2403

NUR3402: Critical care nursing clinical

2 Cr Hr (0,12)

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.

Prerequisite: NUR2404, *Co-requisites:* NUR3401

NUR3903: Exit Exam-Nursing Program

1 Cr Hr (0,1)

The NUR3903 Exit Exam is a comprehensive assessment designed for nursing students in the final phase of their academic journey. Scheduled during the second semester of the third year, the exam evaluates the extent to which students have achieved the Intended Learning Outcomes (ILOs) of the nursing program.

NUR3803: Geriatric nursing

2 Cr Hr (2,0)

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, promoting health and self-care, recognizing the variable responses of elderly clients to health conditions, and maintaining a level of function that enhances quality of life. Additionally, the course introduces fundamental concepts and theoretical background for palliative care nursing. The course also covers the nursing process and caring for terminally ill clients and dying patients, as well as supporting family members of dying patients during the grieving process.

Prerequisites: NUR2401

NUR3804: Geriatric nursing clinical

2 Cr Hr (0,8)

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 nursing students with the required skills to perform their role in meeting the physiological, psychosocial, and spiritual needs of the elderly. It provides nursing students with evidence-based clinical expertise that enables them, as gerontological nurses, to address the complexities of meeting the holistic needs of the elderly population with competence in both hospital and community-based settings. The course also includes the nursing skills needed for palliative and hospice care.

Prerequisites: NUR2402, NUR3803^{Co}

NUR1302: 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.

NUR1303: 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.

NUR1104: Biochemistry For Nurses

3 Cr Hr (3,0)

This course teaches 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 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.

NUR1305: Human Physiology and Anatomy-Lab **1 Cr (1,0)**

This course enhances the students understanding of the human body systems structure and the related functions. Demonstration of the main organs and its basic functions are simulated using manikins, organ simulators, and other technology-based tools that mimics human body organs and its functions.

NUR1308: Microbiology For Nurses **2 Cr Hr (2,0)**

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.

NUR1309: Microbiology For Nurses - Lab **1 Cr Hr (2,0)**

This course will focus on handling and cultivating various microbes while identifying their characteristics using cellular and cultural traits.

Prerequisites: NUR1308^{Co}

NUR2302: 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 autonomic transmission and the crucial endocrine mediator of inflammation (histamine and eicosanoids).

Prerequisites NUR1308

NUR1304: 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.

X. Elective Course Offered by Nursing Department

GERL402NU: German VIII-NU Nursing track **3 Cr Hr (6,0)**

This is a compulsory course for nursing students in the German year to achieve language proficiency level B2.2 which is a prerequisite of the internship semester.

GERL401NU

NUR4401: Special Topics in Nursing I **1 Cr Hr (1,0)**

Selected state-of-the-art topics in Nursing. This course provides an in-depth exploration of emerging and advanced topics in nursing practice, education, and research. The specific focus may vary, addressing current trends, challenges, and innovations in healthcare. Key areas could include advanced clinical skills, leadership in nursing, cultural competence, or specialized care for unique patient populations. The course emphasizes critical thinking, evidence-based practice, and interdisciplinary collaboration.

Prerequisites: BSC001

NUR4501: Special Topics in Nursing II **2 Cr Hr (2,0)**

This course builds on the foundation established in Special Topics in Nursing I, offering a deeper exploration of advanced and specialized areas in nursing practice and healthcare. The focus may include innovative care approaches, emerging healthcare technologies, advanced leadership strategies, or nursing roles in specific clinical or community settings. Emphasis is placed on applying evidence-based practices, critical analysis, and collaborative problem-solving to address contemporary challenges in nursing.

Prerequisites: BSC001

NUR4601: Special Topics in Nursing III **3 Cr Hr (3,0)**

This advanced course delves into specialized and contemporary issues in nursing, providing students with opportunities to explore cutting-edge practices, emerging challenges, and innovative solutions in healthcare. Building on the foundational knowledge from previous courses, this module focuses on topics such as advanced

clinical interventions, policy development, global health concerns, or technological advancements in patient care. Emphasis is placed on evidence-based strategies, interdisciplinary collaboration, and critical thinking to address complex scenarios in nursing practice.

Prerequisites: BSC001

NUR4402: Acute Care Across Lifespan 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: BSC001

NUR4201: 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: BSC001

NUR4901: Multidisciplinary Quality and Safety 3 Cr Hr (3,0)

In this course, the student will learn concepts, theories, models, ethical- and legal basics in healthcare systems, 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: BSC001

NUR4902: Clinical Decision-Making 3 Cr Hr (3,0)

This course covers central elements and strategies for 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: BSC001

NUR4403: Nursing Care for Patients with Serious 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 the form 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: BSC001

NUR4202: Comprehensive Nursing care 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: BSC001

NUR4203: 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: BSC001

NUR4404: 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: BSC001

NUR4801: 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: BSC001

NUR4204: 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: BSC001

NUR4205: Framework Conditions of Nursing Action 3 Cr Hr (3,0)

This course covers the 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: BSC001

NUR4903: Financing and Quality of Nursing Care 3 Cr Hr (3,0)

This course provides the students with 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 teams correspondingly.

Prerequisites: BSC001

NUR4904: Conflict Management In Healthcare Setting 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: BSC001

NUR4405: Wound Management 3 Cr Hr (3,0)

This course provides an in-depth exploration of advanced wound care and management, emphasizing both theoretical and practical knowledge essential for addressing healthcare needs. It covers evidence-based nursing practices for managing acute and chronic wounds, alongside the legal and ethical frameworks guiding nursing interventions. Students will examine case studies involving complex illnesses and impairments, focusing on their impact on patients' lifestyles and the tailored care required. The course also highlights the challenges faced in wound care, including interprofessional collaboration, effective communication, and the nurse's role in diagnostics and therapy.

Prerequisites: BSC001

NUR4206: Professional Ethics in Healthcare Settings **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 provided for the student to know how 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: BSC001

NUR4905: 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: BSC001

NUR4407: 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: BSC001

NUR4408: 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: BSC001

NUR4906: 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: BSC001

NUR4409: 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: BSC001

NUR4207: 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: BSC001

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: BSC001

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: BSC001

NUR4412: Advanced Nursing Practice 3 Cr Hr (3,0)

This course focuses on preparing students for advanced roles in nursing by building on foundational clinical knowledge and skills. Students will explore advanced concepts in patient care, clinical decision-making, leadership, and evidence-based practice. The course emphasizes the development of specialized competencies in managing complex health conditions, promoting patient safety, and improving healthcare outcomes. Topics include advanced assessment techniques, clinical interventions, interdisciplinary collaboration, and the integration of ethical and professional standards. By the end of the course, students will be equipped to deliver expert, patient-centered care and contribute to the advancement of nursing practice in diverse healthcare settings.

Prerequisites: BSC001

NUR4907: Case Management 3 Cr Hr (3,0)

This course focuses on preparing students for advanced roles in nursing by building on foundational clinical knowledge and skills. Students will explore advanced concepts in patient care, clinical decision-making, leadership, and evidence-based practice. The course emphasizes the development of specialized competencies in managing complex health conditions, promoting patient safety, and improving healthcare outcomes. Topics include advanced assessment techniques, clinical interventions, interdisciplinary collaboration, and the integration of ethical and professional standards. By the end of the course, students will be equipped to deliver expert, patient-centered care and contribute to the advancement of nursing practice in diverse healthcare settings.

Prerequisites: BSC001

NUR4802: Rehabilitative Nursing 3 Cr Hr (3,0)

This course focuses on the principles and practices of rehabilitative nursing, emphasizing the restoration and enhancement of physical, psychological, and social functioning for patients recovering from illness, injury, or disability. Students will learn evidence-based approaches to support patients in achieving optimal independence and quality of life. Key topics include mobility restoration, pain management, patient and family education, assistive technologies, and interdisciplinary collaboration. The course prepares 3 students to deliver compassionate,

patient-centered care in a variety of rehabilitative settings, including hospitals, clinics, and community-based programs. By the end of the course, students will be equipped to play a pivotal role in the rehabilitation process, fostering recovery and resilience.

Prerequisites: BSC001

NUR4208: Understanding and Diagnosing 3 Cr Hr (3,0)

This course equips nursing students with the foundational knowledge and skills needed for accurate patient assessment and diagnosis. Emphasis is placed on understanding pathophysiological processes, interpreting clinical data, and identifying patient health problems. Students will learn systematic approaches to gather patient histories, perform physical examinations, and analyze diagnostic results. The course integrates critical thinking and evidence-based practices to support clinical decision-making. By the end of the course, students will be prepared to apply their diagnostic skills in diverse healthcare settings, contributing to effective care planning and improved patient outcomes.

Prerequisites: BSC001

NUR4413: Advance Clinical Competencies 3 Cr Hr (3,0)

This course focuses on developing advanced clinical skills and expertise required for nursing practice in complex healthcare settings. Students will refine their proficiency in advanced patient assessments, clinical decision-making, and specialized interventions for managing acute and chronic conditions. The course emphasizes evidence-based practice, critical thinking, and the integration of advanced technologies in patient care. Key topics include advanced wound care, medication management, essential techniques of care, and interdisciplinary collaboration. By the end of the course, students will be equipped with the competencies needed to deliver expert, patient-centered care and excel in high-acuity clinical environments.

Prerequisites: BSC001

NUR4414: Pain And Pain Management 3 Cr Hr (3,0)

This course provides an in-depth understanding of pain, its physiological and psychological aspects, and effective strategies for pain management in diverse patient populations. Students will explore the assessment and classification of pain, including acute, chronic, and neuropathic pain, and the factors influencing pain perception and response. Emphasis is placed on evidence-based practices in pharmacological and non-pharmacological pain management, interdisciplinary collaboration, and patient education. The course also covers ethical considerations, cultural sensitivity, and the role of nurses in advocating for effective pain control. By the end of the course, students will be equipped to assess, manage, and alleviate pain, improving patient comfort and quality of life.

Prerequisites: BSC001

NUR4209: Understand Nursing Research and Basics of Statistics 3 Cr Hr (3,0)

This course introduces nursing students to the principles of nursing research and the fundamentals of statistics, emphasizing their application in evidence-based practice. Students will learn how to critically appraise research studies, interpret statistical data, and understand research methodologies relevant to healthcare. Key topics include research design, data collection, basic statistical concepts, and ethical considerations in research. The course also focuses on integrating research findings into clinical practice to improve patient outcomes.

Prerequisites: BSC001

NUR4803: Counselling in Nursing 3 Cr Hr (3,0)

This course focuses on the role of counseling in nursing practice, equipping students with the skills and knowledge needed to provide emotional support and guidance to patients and their families. Students will learn effective communication techniques, active listening, and strategies to address psychological, social, and emotional challenges faced by patients across the lifespan. Key topics include therapeutic communication, crisis intervention, grief counseling, and culturally sensitive care. Emphasis is placed on building trust, fostering resilience, and empowering patients to cope with health-related challenges.

Prerequisites: BSC001

NUR4804: Public Health 3 Cr Hr (3,0)

This course focuses on the principles and practices of public health nursing, emphasizing the promotion of health, prevention of disease, and protection of communities. Students will explore the social determinants of health, epidemiology, health policy, and strategies for community assessment and program planning. Key topics include disease prevention, health education, advocacy, and collaboration with interdisciplinary teams to address public health challenges. Emphasis is placed on evidence-based practices, cultural competence, and ethical decision-making in diverse populations.

Prerequisites: BSC001

NUR4210: Diagnostics And Process Design in Nursing **3 Cr Hr (3,0)**

This course focuses on the integration of diagnostic reasoning and process design in nursing practice to enhance patient care and healthcare delivery systems. Students will learn advanced diagnostic techniques, data interpretation, and the development of care processes tailored to individual and population health needs. Key topics include clinical decision-making, workflow analysis, care pathway development, and the application of evidence-based practices to optimize patient outcomes. Emphasis is placed on interdisciplinary collaboration, patient safety, and innovation in designing efficient and effective nursing care processes.

Prerequisites: BSC001

NUR4415: Oncological Care and Palliative Care **3 Cr Hr (3,0)**

This course focuses on the specialized nursing care required for cancer patients and those needing palliative care. Students will learn evidence-based approaches to managing the physical, emotional, and psychological needs of patients across the cancer care continuum, including prevention, diagnosis, treatment, and survivorship. The course also emphasizes principles of palliative care, including pain and symptom management, communication, end-of-life care, and supporting patients and families through illness and loss. Ethical considerations, cultural sensitivity, and interdisciplinary collaboration are key components.

Prerequisites: BSC001

NUR4211: Innovation In Nursing **3 Cr Hr (3,0)**

This course focuses on the specialized nursing care required for patients with cancer and those needing palliative care. Students will learn evidence-based approaches to managing the physical, emotional, and psychological needs of patients across the cancer care continuum, including prevention, diagnosis, treatment, and survivorship. The course also emphasizes principles of palliative care, including pain and symptom management, communication, end-of-life care, and supporting patients and families through illness and loss. Ethical considerations, cultural sensitivity, and interdisciplinary collaboration are key components.

Prerequisites: BSC001

NUR4502: Midwifery Care for the community **3 Cr Hr (3,0)**

This course focuses on the role of midwives in providing comprehensive care and support during the perinatal period, encompassing prenatal, intrapartum, and postpartum care. Students will learn to assist midwives in monitoring maternal and fetal health, managing labor and delivery, and supporting postnatal recovery. Key topics include antenatal assessments, pain management during labor, newborn care, breastfeeding support, and emotional and psychological care for mothers and families. Emphasis is placed on evidence-based practices, cultural competence, and interdisciplinary collaboration.

Prerequisites: BSC001

NUR4503: From The Unborn to The Newborn **3 Cr Hr (3,0)**

This course focuses on the continuum of care from pregnancy through childbirth and into the neonatal period. Students will explore the physiological, emotional, and developmental aspects of fetal and neonatal health, emphasizing the role of the nurse in providing holistic, family-centered care. Key topics include prenatal health assessment, fetal development, labor and delivery processes, and the immediate care of the newborn. The course also covers breastfeeding support, neonatal screenings, and parent education to ensure a smooth transition from pregnancy to parenthood.

Prerequisites: BSC001

NUR4102: Introduction To Technology and Digitization in Healthcare **3 Cr Hr (3,0)**

This course provides an overview of the role of technology and digitization in modern healthcare, with a focus on nursing practice. Students will explore how technological advancements, such as electronic health records (EHRs), telehealth, wearable devices, and healthcare information systems, are transforming patient care and healthcare delivery. Key topics include data security, ethical considerations, and the integration of technology into clinical workflows to improve efficiency and patient outcomes. Emphasis is placed on developing digital literacy, understanding healthcare informatics, and utilizing technology to enhance evidence-based nursing practice.

Prerequisites: BSC001

NUR4805: Public Health / Socioeconomic and Legal Framework **3 Cr Hr (3,0)**

This course examines the intersection of public health, socioeconomic factors, and legal frameworks in nursing practice. Students will explore how social determinants of health, economic policies, and legal regulations impact healthcare access, delivery, and outcomes. Key topics include health policy development, advocacy, healthcare

ethics, and the nurse's role in addressing health disparities. The course also emphasizes the importance of interdisciplinary collaboration and compliance with legal standards to ensure equitable and effective public health interventions.

Prerequisites: BSC001

XI. Courses offered by Other Schools

ARB0099: Elementary Arabic

3 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.

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: ARB0099

ENGL0098: Elementary English

3 Cr Hr (3,0)

Students will focus on English at an elementary level through the receptive skills of reading and listening and the productive skills of writing and speaking. English III is aimed at students who have achieved a grade of between 0 and 60 on the English Placement Test. This course is zero credit hours. This course enables students to contribute their own knowledge or experience in speaking activities, and use the language correctly. The exposure to a wide variety of listening material with a variety of accents, including some non-native speakers of English improves their level. English III integrates the focus on individual sounds of word and sentence stress where students are encouraged to copy the rhythm of English. Pronunciation is also integrated into Grammar and Vocabulary activities.

ENGL0099: Intermediate English

3 Cr Hr (3,0)

Students will focus on English at an intermediate level through the receptive skills of reading and listening and the productive skills of writing and speaking. English IV is aimed at students who have successfully passed English III or achieved a grade of between 61-80 on the English Placement Test. This course is zero credit hours. Attendance: Students are required to attend regularly according to the regulations of GJU and should provide the instructor with official excuses in case they are absent for a long time. Participation and homework: Students are required to participate in the group discussion in class. Interaction is necessary as well as oral presentations will be given to measure how fluent students are and to improve their skill of speaking. Medium of communication: GJU email, face to face (on campus) and during office hours. Teaching method: Explaining, discussing and doing the exercises given to students.

Prerequisites: ENGL0098

ENGL1001: Upper Intermediate English

3 Cr Hr (3,0)

"Education is the ability to listen to almost anything without losing your temper or your self-confidence." Robert Frost (1874 - 1963) English V is aimed at students who have achieved a passing grade in English IV or a grade between 81 and above on the English Placement Test. English V is equal to three credit hours. Students will focus on English at an upper intermediate level. Students will analyze and produce 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. Note: The process of argumentation enables us to clarify and develop our own responses to important issues, and a significant part of that process involves dialogue with both those who share our opinions and those who do not. In order to

participate responsibly and effectively in meaningful dialogue, we must maintain an attitude characterized by openness, responsibility, rationality, and respect for all participants. Upon finishing this level, all students are eligible to receive an English language proficiency letter indicating their level according to the Common European Framework Reference for Languages (CEFR) varying between B1 and B2 according to the grade they get upon finishing this level.

Prerequisites: ENGL0099

ENGL1002: Advanced English

3 Cr Hr (3,0)

English VI, is the last of the English levels at the German Jordanian University to arm graduates with the best command of the English language in its varied aspects: Reading, Writing, Speaking, Listening and Understanding. It is aimed at students who successfully pass English V and it is three credit hours. This level focuses on a higher level of enhancement of their language. Students can address any audience, through delivering a persuasive speech, making an informative presentation, or analyzing controversial News through News Analysis. The students' Thesis Statements are backed up with: mistake-free language, persuasive logic and verified statistics, numbers and facts to convince the audience with their points of view. Other tools are enhanced involving their language, including specific terminology, tone, intonation and body language to make them acquire the best outcome. Students can also address any topic in writing. With the language skills provided in this level, GJU graduates become more equipped with outstanding abilities and get better chances in the work market, in addition to their knowledge and education in the major fields. The assessment of the students applies Bloom's Taxonomy where the learning objectives are classified according to the different domains including: learning (remembering), understanding, applying, analyzing, evaluating, the creating. Upon finishing this level, all students are eligible to receive an English language proficiency letter indicating their level according to the Common European Framework Reference for Languages (CEFR) varying between B2, C1 or C2 according to the grade they get upon finishing this level.

Prerequisites: ENGL1001

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

GERL201NU German III-NU Nursing 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 or GERL102B2

GERL202NU German IV-NU Nursing track 3 Cr Hr (6,0)

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

- The students have language competence in the field of healthcare and daily life, can read and understand both medical documents, such as patient reports, and general texts encountered in everyday life.
- The students will be able to interpret medication package inserts, describe drug administration methods, and communicate effectively in both healthcare settings and daily interactions, such as asking for directions or discussing everyday matters. They will distinguish between familiar expressions and more elaborated language structures, handling clear, standard input in both work-related and everyday contexts.
- The students can understand diagnostic and treatment procedures, and everyday situations, they are able to discuss diagnostic procedures in healthcare, such as describing stool and urine sample collection, and also communicate effectively in daily scenarios, such as reporting a car breakdown or asking for help in a store. They will be able to talk about personal experiences, express feelings, and describe both professional procedures and general life situations, such as travel experiences or media habits.
- In the field of emergency communication, and everyday conversations, the students will master the language necessary for emergency scenarios in healthcare settings, such as responding to falls and postsurgery care, while also gaining the ability to communicate in general emergency situations, such as asking for help during an accident or seeking assistance in public spaces. They will practice discussing future events, making suggestions, and giving reasons for opinions and care plans, applicable in both professional and personal settings.
- In the field of practical communication for care, and everyday tasks, they will be able to use improved practical language skills by discussing personal hygiene routines and performing full-body patient washing in healthcare settings, while also applying similar skills to everyday life, such as discussing personal grooming, shopping, or helping someone follow a routine. Students will be able to communicate about Module In the field of hygienic practices, and communication in everyday life, the students will be able to use vocabulary to discuss and demonstrate hygienic practices, such as proper hand disinfection, in both healthcare and home settings. Students will also improve their ability to write formal emails, invitations, and short messages relevant to both professional and personal contexts. They will understand strategies to overcome language obstacles not only in healthcare environments but also in daily social and practical situations, such as writing a short email to a friend or making an official inquiry.
- By the end of the course, students will be well-prepared to use German effectively in both healthcare settings and their daily lives, enhancing their language skills and ability to communicate with patients, colleagues, friends, and family in various contexts as per CEFR standards at A2.2 level.

Prerequisites: GERL201NU or GERL201B1

GERL301NU: German V Nursing track 3 Cr Hr (6,0)

- By the end of this module, the students will be able to understand and use familiar, frequently used expressions and simple sentences relevant to healthcare settings, according to CEFR level A2.1 (basic users). The students will be able to describe healthcare professions by talking about their own job or education, describing nursing tasks, and writing profiles. Students will also be able to explain hospital departments, describing the layout and rooms of a ward, understanding employee handbooks, and

discussing daily routines in a hospital setting.

- Additionally, they can discuss patient health issues, describing symptoms and health problems, understanding medical texts (e.g., appendicitis), and communicating patient stories effectively.
- Students will be able to communicate about assistive devices and elderly care, engaging in conversations about the tools and aids used by elderly patients, as well as understanding interviews about age-related illnesses. They will also be able to offer help and speak with family members of patients. They can describe excretory organs and care procedures by reading texts on urinary physiology and writing instructions for incontinence prevention.
- Moreover, students will be equipped to provide information on activities for the elderly, by discussing available care options and creating informational flyers for day-care centers.
- Students can understand care planning and resource management, reading care plans, participating in discussions about care needs, and recording care goals. They will also be able to monitor and discuss vital signs
- by engaging in conversations about blood pressure and reading texts about blood pressure issues. Role-playing
- and simulated conversations about vital sign control will help them apply this knowledge in practical situations.
- Additionally, students will manage fever and associated symptoms by describing fever patterns, reading medical texts on fever management, and discussing symptoms in simple terms.
- Students will be able to discuss dietary requirements by reading and understanding texts about dietary options for various conditions, taking notes, and having conversations with patients about their eating and drinking habits.
- They will be able making hospital beds and instructing bedridden patients, simulating conversations, and guiding patients during bed-making tasks. This will enhance their ability to communicate with bedridden patients while learning to manage routine tasks in a hospital setting.
- Throughout the course, students will not only enhance their understanding of healthcare-related language but also use a variety of grammatical structures such as the perfect tense, adjective declensions, and temporal
- prepositions. They will be able to describe and manage pain, reading pain questionnaires and discussing painrelief measures with patients. This combination of practical language skills and grammatical knowledge will help them navigate professional healthcare contexts effectively, ensuring they can communicate clearly and confidently in both workplace and patient care scenarios.

Prerequisites: GERL202NU or GERL202B1 or GERL201B2

GERL302NU: German VI-NU Nursing track

3 Cr Hr (6,0)

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 B1.2 (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: GERL301NU or GERL301B1 or GERL202B2

GERL401NU: German VII-NU Nursing 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 specialisation 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: GERL302NU or GERL302REG

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: ARB0099, ENGL0098

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: ENGL0098

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: ENGL0098

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: ARB0099, ENGL0098

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: ENGL0098

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.

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.

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: ENGL0098

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: ENGL0098

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: ARB0099

EI101 Leadership and Emotional Intelligence

3 Cr Hr (3,0)

The course focuses on better understanding and managing people's 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: ENGL0098