

Program Handbook

Bachelor of Science in Nursing Program

Department of Nursing Sciences

College of Applied Medical Sciences

Shaqra University



Bachelor of Science in Nursing (BSN) Program

The Bachelor of Science in Nursing (BSN) program was implemented in 2011. The BSN program aims to establish a close relationship between teaching staff members and students, and to provide an educational environment conducive to creativity, outstanding performance, and the acquisition of advanced knowledge and practical skills in the field of nursing. In turn, the BSN program emphasizes providing the best means of education and research that serve the community and become an effective partner in serving the region.

In terms of education, the program provides broad knowledge in various aspects of nursing care, to qualify students to work in many related jobs, such as hospitals, rehabilitation centers, research centers, health centers, as well as in teaching. Through the program, and with a team of highly experienced teaching instructors and qualified students, the BSN program seeks to play an active role in the community and serve the national vision of Saudi Arabia (Vision 2030).

BSN Program Vision:

Leadership and excellence in nursing education, scientific research, and community partnership locally and regional.

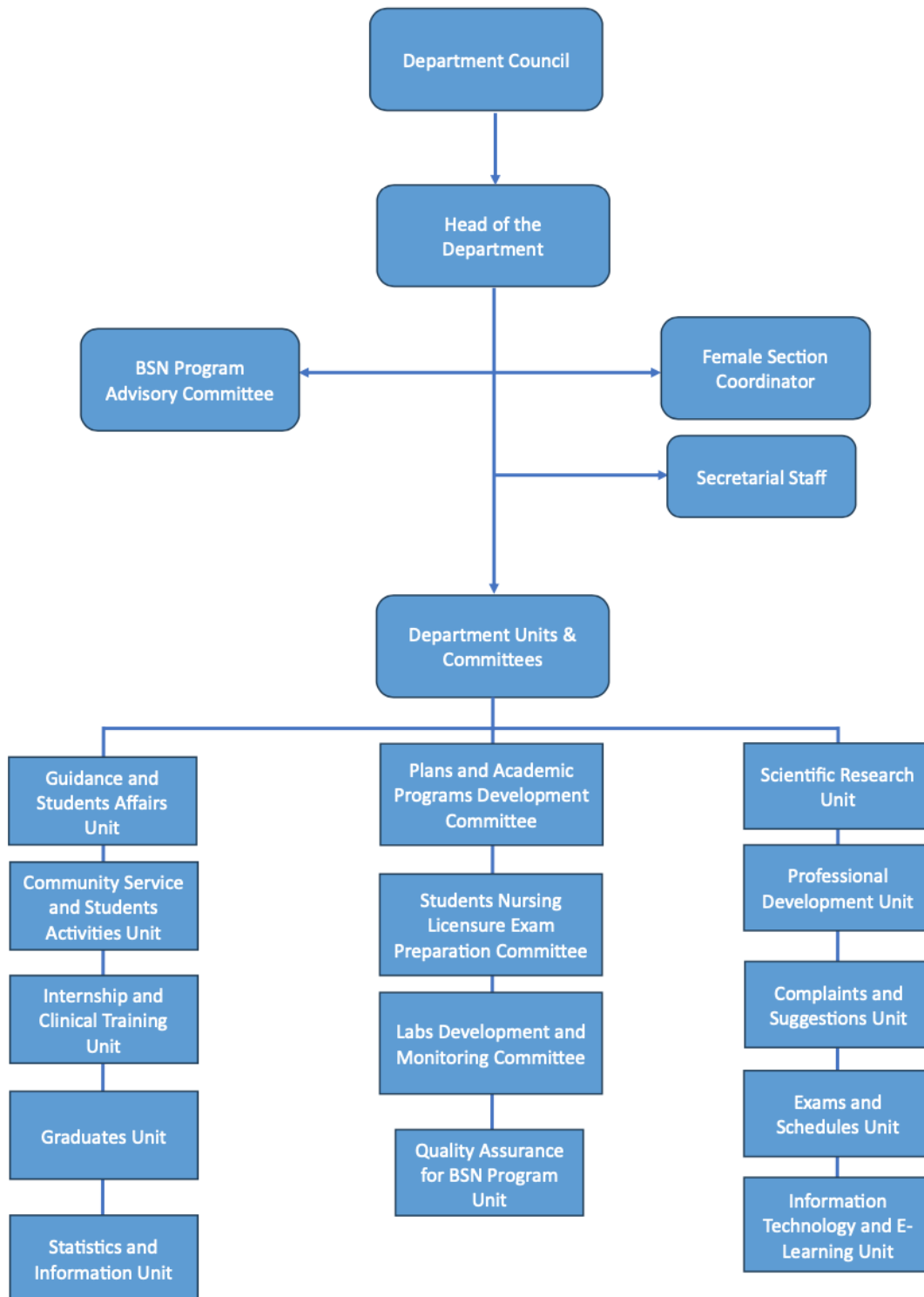
BSN Program Mission:

Providing educational outputs compatible with academic standards to prepare qualified graduates to meet the needs of the labor market and scientific research in nursing to serve the community.

BSN Program Goals

1. Developing the curriculum and its courses to achieve educational outcomes that meet the national academic standards in nursing science.
2. Preparing qualified graduates to meet the needs of the labor market.
3. Providing a distinguished educational environment that supports self-learning in the field of nursing.
4. Producing scientific outputs in the field of nursing through scientific research.
5. Providing various services and activities that serve the community in the field of nursing and its application.

BSN Program Organizational Structure



BSN Program Learning Outcomes (PLOs)

The BSN program has approved and announced the program learning outcomes (PLOs) that support the program's mission, vision, and objectives. Therefore, achieving these learning outcomes prepares graduates to transition to professional practice in the field of nursing care.

Knowledge and understanding		
The student will be able to:	K1	Identify basic knowledge that contributes to nursing science, profession standards, and basic research, and inquiry methodologies when applying nursing care
	K2	Recognize concepts, theories, and disciplines that underpin nursing science & care
	K3	Recognize the complex dynamic legal, ethical, cultural & political issues in health needs as well as nursing care
	K4	Define etiology, clinical picture, treatment modalities and nursing management of health problems affecting patients at different age groups
Skills		
The student will be able to:	S1	Apply appropriate clinical nursing activities, including handling medical machines, devices, and equipment, skillfully and in accordance with the best evidence-based practice using possible standards of nursing care
	S2	Analyze research findings, synthesize diverse evidence resources to show initiative and promote optimum delivery of nursing care
	S3	Demonstrate effective communication skills both orally & written in a professional meaning to peers, clients, families, and health team members
Values		
The student will be able to:	V1	Implement role as a nurse in ways that reflect integrity, responsibility, accountability, professionalism, leadership, teamwork, and ethical practice
	V2	Present clinical judgement substantiated with evidence that integrate nursing science in the provision of safe and quality care
	V3	Advocate for continuous learning and participation effectively in developing the nursing sciences

Professional Occupations/Jobs for the BSN program graduate:

- Various units and wards in hospitals
- Medical clinics
- Health centers
- Medical units in schools
- Academic/ Research

Academic Regulations:

Definition of Terms

- 1. Academic year:** Refers to the two semesters and the summer semester, if any.
- 2. Academic Semester:** A division constituting half of the regular academic year, lasting typically 19 weeks.
- 3. Level:** Refers to the level of the stage where the student is accepted on the basis of the study plan of the program. The college caters to Levels 3 through 8 in the BSN program.
- 4. Study plan:** Refers to a set of compulsory courses with allotted credits. The student must complete the total number of credit hours in order to qualify for graduation and obtain a bachelor's degree in his specialization.
- 5. Course:** Refers to the instruction transferred in a series of lessons or meetings that meet the requirements of each level as stipulated in the study plan of the program. The course has a code, number, title, and description. The course outline file should be kept in the department head's office for follow-up, evaluation, and improvement purposes. Some courses require a prerequisite or participation in concurrent courses.
- 6. Credit Hour:** Equivalent to a weekly theoretical lecture of approximately 50 minutes, a practical session of 120 minutes, or a clinical lesson of 50 minutes.
- 7. Academic Probation:** Refers to the notification of the student whose cumulative average has decreased and reached the maximum allowed hours as determined by the regulation.
- 8. Semester work degree:** The degree awarded for work that shows the student's achievement during a semester of tests, research, and educational activities related to the course. The end-of-semester test score is calculated from the final semester test score and the practical test score, if any.
- 9. Final Exam:** A course test held once at the end of the semester.
- 10. Final score:** It indicates the sum of the semester work scores with the final exam that the student obtained in the semester based on 100%.
- 11. Grade:** A description of the percentage or alphabetical symbol of the final grade obtained by the student in any course.
- 12. Incomplete Grade (INC):** Temporarily refers to a student who fails to complete all requirements for his course on time due to some circumstances beyond his control.

- 13. Continuous assessment:** It is indicated if the course cannot be completed in a semester, so there is a need to continue the course to the next semester.
- 14. Semester GPA:** It is the sum of the grade points over the total number of credit hours for all courses in the semester.
- 15. Accumulative Average:** is the total of dividing the grade points by the sum of the credit hours of all the finished and passed courses of a student since he first joined the College.
- 16. General Assessment:** refers to the evaluation of the level of learning of a student during his stay with the College.
- 17. Study Load:** refers to the total credit hours a student can register in a semester. The maximum and minimum limit of the study load is based on the existing rules of the College.
- 18. Academic Record:** shows the performance of a student that includes passed courses, credits earned, grades, semester average, accumulative average, and academic warnings if any.
- 19. Academic Advisor:** refers to a teaching staff who is in charge to supervise, guide and monitor a student during his study at the College.

Program Admission Requirements

Admission:

- According to the general conditions for admission to Shaqra University via the University's website www.su.edu.sa
- Depending on the nature of the specialization, the student does not suffer from any kind of physical or mental disability.
- Attaining a secondary (high) school certificate, applicant must not have attained or awarded this certificate for more than 5 years by the university application date.
- The weighted percentage is determined annually by the admission and registration committee.

Admission of New Students:

At the end of each academic year, the Council of Shaqra University determines the admission Requirements for the following academic year. In addition, the BSN Program requires regular study for a period of four years – eight levels of study (**the first and second levels are taught at the preparatory year headquarters**). After the completion of the four-year plan and required coursework, the student attends a mandatory internship for one calendar year in an accredited hospital before being awarded a bachelor's degree in general nursing sciences.

Requirements for Admission:

The following requirements should be met prior to admission to the university/college:

- 1- The applicant must provide a high school certificate or equivalent from Saudi Arabia or another country.
- 2- The applicant must have obtained the high school certificate within the last five years.
- 3- The applicant must successfully pass any interviews or tests that the college might require.
- 4- The applicant must be medically fit (this requirement is specific for medical and health sciences programs).
- 5- The applicant must not be terminated from any other university for academic and/or behavioral causes.
- 6- All university applicants must take the General Aptitude Test (GAT). Additionally, individuals applying to medical, health, engineering, and computer sciences programs should take the Standard Achievement Admission Test (SAAT) as well.
- 7- An applicant who is currently working in a governmental or private sector occupation will not be admitted to the university unless an official approval is provided by the applicant's employer.

Transfer Students

1- Transfer from Other Universities

The student might be, upon the approval of the head of the department and the dean of the college at Shaqra University, accepted as a transfer student from outside the university according to the following rules:

- The student has studied at a recognized college or university.
- The student must not have been terminated from the university for disciplinary reasons.
- The student must have spent at least two semesters at the university from which he/she wishes to transfer, provided that the number of study credit hours recorded in his/her academic record is no less than **24** credit hours.

- The student must complete at least 60% of the graduation requirements at Shaqra University.
- The student must apply for transfer at least before the start of the academic semester by five weeks.

2- Transfer from Another college or program within Shaqra University

After the approval of the head of the department and the dean of the college, students are allowed to transfer according to the following rules:

- The student must have completed at least one semester in the college that he wants to transfer from with minimum of **14** credit hours.
- The student must not have discontinued, postponed, or apologized for studying during the time he/she completed in the college from which he/she wishes to transfer.
- His/her cumulative average should not be less than the limit determined by the college council and should not be less than (3 out of 5).
- Transfer requests between university colleges are permitted only twice during the entire period of a studying at the university.

3- Transfer from One Specialization to Another within the Same College

After the approval of the Dean of the College, the student may transfer from one specialization (i.e., program) to another within the college according to the following rules:

- Completion of entry requirements for the specialization to be transferred to.

- Not exceeding the student capacity of the department.
- The student has spent at least one semester in the specialization in which he/she wishes to transfer from for at least 14 credit hours.
- The student must not have discontinued, postponed, or apologized for studying the specialization from which he/she wishes to transfer.

Attendance and Postponement of Study

1- Attendance Rules

- ❖ The regular student must attend lectures and practical lessons. He /She will be prohibited from entering the final exam if the attendance is less than 75% of the lectures and practical lessons specified for each course during the semester.
- ❖ A prohibited student from entering the final exam, is considered to be failing in the course and the final grade will be marked as “denied” (DN)
- ❖ If the student submits a justified reason for not attending the specific course, the college council or its authorized representative may exclude the prohibition and allow the student to take the exam if the attendance rate is more than 50%.
- ❖ A student who misses a test will receive a zero mark for that test.

2- Postponement Rules

A student may submit a withdrawal request from one or more courses during the semester under the following regulations:

- ❖ If the student submits an acceptable excuse to the dean of the college at least three weeks before the final exams.
- ❖ A student may postpone studies without being considered a failure if he/she submits an acceptable excuse. The postponed semesters must not exceed two consecutive semesters or three non-consecutive semesters.

Graduation Requirements

A student is eligible for graduation after successfully completing all the requirements provided by the study plan of the program. The rules regarding graduation are as follows:

- ❖ A graduate will be granted a certificate that bears degree earned, general weighted average (GWA) of his/her grades and specialization.
- ❖ If a student fulfills the requirements for graduation but obtains an accumulative average of less than 2.0, he/she should register for some courses upon the recommendation of the department council and the approval of the academic council or its authorized representative in order to increase his/her average for obtaining the degree based on the study plan.

Examinations

- ❖ The examinations committee prepares exam schedules, sets exam rules, and ensures their implementation. Also, they act to review tests' grading marks for each student in the program within a maximum period of three days from the date of the examination in any course.

Preparation of Examination Questions:

- ❖ Confidentiality should be applied to all aspects of the final examination procedures.
- ❖ It is necessary to report any problems encountered by any member of the teaching staff, whether while preparing the questions, during or after the conduction of the exam.

- ❖ Theoretical and practical tests must be unified for all sections studying the same course (i.e., male, and female sections).
- ❖ Questions should be structured to stimulate critical thinking elements.
- ❖ Examination questions should cover the entire course syllabus.
- ❖ Copies of examination papers and answer key documents should be placed inside sealed envelopes for submission to the exam control unit for safekeeping.
- ❖ The teaching staff are assigned as invigilators, with the task of supervising students while taking the exams.

Checking Examination Papers

- ❖ All examination papers must be inspected inside the premises of the college to avoid paper loss or other potential problems.
- ❖ After checking the exam papers, instructors should return the exam papers to the exam control unit.

Regulations for Students

- ❖ The student should not be given more than **“two”** examinations in a single day.
- ❖ No student will be allowed into the final examination hall after half the time permitted for the test has passed. Likewise, no student will be allowed to leave the examination hall before half the time permitted for the test has passed.
- ❖ Cheating in examinations or violating relevant regulations and procedures will be punished according to the student disciplinary regulations issued by the university.

- ❖ All mobile phones should be switched off and placed in an area specified by the invigilators.
- ❖ A student may submit a request letter to the dean of the college or his authorized representative for the re-correction of his/her examination paper within a specified period that does not exceed the start of the following semester. The dean may form a committee to supervise the re-correction process. The committee should submit its findings to the dean for discussion with the academic council. The decision of the academic council is final and cannot be appealed.

Grading System: The College of Applied Medical Sciences adopts the following grading system:

The percentage Degree	Grade Symbol	Rated weight of 5	Grade
95-100	A+	5.0	Exceptional
90-94	A	4.75	Excellent
85-89	B+	4.5	Superior
80-84	B	4.0	Very Good
75-79	C+	3.5	Above Average
70-74	C	3.0	Good
65-69	D+	2.5	High Pass
60-64	D	2.0	Pass
Below60	F	0.0	Fail

Honors and Awards:

- ❖ The first-degree honors award is granted to a student who achieved an accumulative average of 4.75 – 5.00 upon graduation. The second-degree honors award is granted to a student who achieves an accumulative average of 4.25 – 4.74 upon graduation.
- ❖ To attain the first or second-degree honors awards, the following should be met:

1. The student must have no failed any courses during the program years.
2. The student must have satisfied all graduation requirements within the specified period by the College.
3. The student must have studied at least 60% of their designated program at the University.

STUDENT RIGHTS AND RESPONSIBILITIES

Statement of Student Rights

The university community in the BSN program ensures that thinking, expression, criticism, and scientific research are practiced freely and with great respect for others in accordance with the regulations, so that it does not affect the rights of anyone in the program. Therefore, the following are students' rights that must be provided to them while studying at the BSN Program:

1. Obtaining a suitable study environment to achieve educational comprehension and achievement.
2. Obtaining scientific knowledge materials related to the studied courses and the nursing major.
3. Obtain study plans and schedules before the start of the academic year / semester to assist students in arranging their registration priorities.
4. Dropping and adding courses according to the regulations of Shaqra University.
5. Decent and generous treatment by university employees and other students.

6. Obtaining access to test schedules, field visits, and extracurricular activities at an earlier time in the academic year.
7. Provided access to the semester course grades at any time before the final exam.
8. Enjoying the subsidy and social care provided by the university.
9. Participation in activities held by the program and the university in accordance with the regulations of Shaqra University
10. Submitting grievances and complaints about any matter must that occurs within the university / college campus and knowing the process of handling them.

Statement of Student Responsibilities

Students of the BSN Program have specific responsibilities and obligations, and they are student expected to abide by them up for self-development and to maintain university community cohesion.

1. Commitment to the university rules and regulations while on campus and during lectures and exams.
2. Compliance with the regulations, laws, announcements, and bulletins issued by the program management, the college, and the university, while verifying the validity of the information from its official sources.
3. Adherence to the highest standards of behavioral discipline with faculty members, administrators, and other students, with the respect to the privacy of others.
4. Maintaining university property and not tampering with it or using it for purposes other than what was allocated for.

5. Taking responsibility for actions and behaviors.
6. Seeking to represent the program, college, and university in all assemblies.
7. Serving the country, with sense of belonging, and aiming to participate in its development.

Program Facilities

Facility	Number		Capacity (for each)	
	Male	Female	Male	Female
Classrooms	4	4	25 students	20 students
Meeting Rooms	1	1	25 students	20 students
Laboratories	4	6	15 students	15 students
Distribution of labs by subspeciality	<ol style="list-style-type: none"> 1. Fundamentals of Nursing Lab 2. Adult Health Nursing Lab 3. Maternal-Newborn Health Nursing Lab 4. Emergency Nursing Lab 			

Study Plan for the Bachelor of Science in Nursing Program

I. Preparatory year (32 Credit hours)

Year 1

Level 1			
	Course Code & Number	Course Name	Credit Hours
1	CHS 101	Health & Fitness	2
2	PHYS 107	Introduction to Physics I	3
3	ENG 109	English I	6
4	ACT 130	Computer Skills	3
5	MATH 130	Introduction to Mathematics	3
Total			17

Level 2			
	Course Code & Number	Course Name	Credit Hours
1	BIO 101	Introduction to Biology	3
2	ACT 105	Academic and Life Skills	3
2	CHM 109	Introduction to Chemistry	3
3	ENG 110	English II	4
4	ENG 147	English for Medical Specialties	2
Total			15

II. Nursing Specialty (104 Credit hours)**Year 2**

Level 3			
	Course Code & Number	Course Name	Credit Hours
1	NUR 231	Principles of Anatomy	4
2	NUR 232	Principles of Physiology	4
3	NUR 233	Fundamental of Nursing/Theory	4
4	NUR 234	Fundamental of Nursing/Clinical	4
5	NUR 235	Social Psychology	2
Total			18

Level 4			
	Course Code & Number	Course Name	Credit Hours
1	NUR 241	Health Assessment	3
2	NUR 242	Adult Health Nursing I/Theory	4
3	NUR 243	Adult Health Nursing I/Clinical	3
4	MED 241	Microbiology	3
5	CHM 207	Biochemistry	2
6	Islamic 102	Islam & Building Society	2
Total			17

Year 3

Level 5			
	Course Code & Number	Course Name	Credit Hours
1	NUR 351	Adult Health Nursing II/Theory	3
2	NUR 352	Adult Health Nursing II/Clinical	3
3	NUR 353	Human Growth & Development	2
4	NUR 354	Health Education	2
5	NUR 355	Principles of Nutrition	3
6	NUR 356	Pharmacologic Aspects of Patient Care	3
7	Arabic 103	Arabic Edition	2
Total			18

Level 6			
	Course Code & Number	Course Name	Credit Hours
1	NUR 361	Maternal-Newborn Health Nursing / Theory	3
2	NUR 362	Maternal-Newborn Health Nursing / Clinical	3
3	NUR 363	Pediatric Health Nursing / Theory	3
4	NUR 364	Pediatric Health Nursing / Clinical	3
5	NUR 365	Pathophysiology	3
6	Islamic 103	Economic System in Islam	2
Total			17

Year 4

Level 7			
	Course Code & Number	Course Name	Credit Hours
1	NUR 471	Community Health Nursing / Theory	3
2	NUR 472	Community Health Nursing / Clinical	3
3	NUR 473	Mental Health Nursing / Theory	3
4	NUR 474	Mental Health Nursing / Clinical	3
5	NUR 475	Nursing Research and Statistical Analysis	3
6	Islamic 104	Principles of Political System in Islam	2
Total			17

Level 8			
	Course Code & Number	Course Name	Credit Hours
1	NUR 481	Emergency Nursing	5
2	NUR 482	Nursing Management & Leadership / Theory	3
3	NUR 483	Nursing Management & Leadership / Clinical	2
4	NUR 484	Information Technology in Nursing	3
5	NUR 485	Trends and Issues in Nursing	2
6	NUR 486	Evidence-Based Practice & Critical Thinking	2
Total			17

*** After successfully completing coursework, a student must enroll into an internship year (1 calendar year / 48 weeks) before receiving his/her degree certificate**

Practical Training Guidelines and Rules

The student must know that his/her appearance and behavior are the appearance and address of the college in particular and the university in general. Therefore, every student must abide by all regulations and guidelines for practical training, whether inside the college, in laboratories, or outside at hospital or health care center.

1. Uniforms for Students in The College and Health Facilities:

Medical uniform is a uniform worn by members of the medical team and health practitioners responsible for patient care. Its use has extended outside the hospital setting in work environments and health colleges in universities and higher education institutions and its wearing brings many benefits in addition to facilitating the distinction of students in different departments.

Instructions for the Medical Uniform:

- ❖ The uniform must be short-sleeved, with a V-neckline, made of cotton / polyester.
- ❖ The outfit must be comfortable and allow free movement of the body without being tight or tight in a striking way.
- ❖ The shirts that are worn under the uniform can be white, black, or the same color as the uniform.
- ❖ The uniform should be worn as a complete set of shirt and pants.
- ❖ The uniform must be clean and well tidy and not torn or look dirty and unprofessional. Also, regular washing is required.
- ❖ Underwear (shirts/sleeves, and underwear) are not visible.

- ❖ Shoes must be closed, clean, in good condition, provide adequate safety and fit the needs of the department. Socks must be worn at all times and slippers are not permitted.
- ❖ Outer jackets, or what is known as the jacket, must be in proportion to the colors of the outfit, and the closed jacket is not allowed.
- ❖ Students' fingernails should be trimmed, while makeup, nail polish, and jewelry are not allowed.

2. Instructions For Training in the Lab:

- ❖ All educational goals to be achieved from training in the skills lab according to the course description.
- ❖ The student is responsible and must attend practical training without absence or delay.
- ❖ The student must abide by the dates of practical training in the skills lab without delay.
- ❖ A student is not allowed to bring food or drinks into the skills lab. A bottle of mineral water is sufficient.
- ❖ The student must keep the tools safe and clean after training and return the tools to their designated place before leaving the lab.
- ❖ The student must maintain a clean and tidy laboratory environment.
- ❖ The student must abide by all the rules and guidelines for training in the skills lab, whether before, during, or after training.

3. Instructions During Training in a Hospital or a Primary Care Center:

- ❖ It is not permissible for the student to bring food or drinks inside the departments or within the patient care area. A bottle of mineral water is sufficient.
- ❖ A student may not enter to the patient care area without a training supervisor.
- ❖ The student must follow the international precautions for security and safety during training in order to maintain the health and security of patients, especially when conducting procedures that might involve dealing with blood and fluids.
- ❖ The student must abide by the uniform rules and the time allotted for training in the hospital without prejudice.
- ❖ The student must follow the directions and instructions of the training supervisor.
- ❖ The student must submit requested practical forms, papers, and case studies to the training supervisor on time.
- ❖ The student may not leave the hospital during the practical training except with a proper exception from the training supervisor and the head of the academic department at the college.
- ❖ The student must maintain the privacy and dignity of patients and follow behaviors that consider patients' psychological and physical condition.
- ❖ The ethics of the nursing profession must be adhered to while communicating with patients and their families, the hospital staff, and colleagues during training.

Staff Members:

The BSN program recruits faculty members from different countries with MSc/Ph.D. degrees from highly reputable international universities with experience in teaching.

#	Name	Qualifications	
		Degree	Job Title
Male Section			
1	Fahad Musa Alhowaymel	Community Health Nursing (Doctorate)	Assistant Professor
			CAMS Vice Dean of Academic Affairs
2	Attallah Khalaf Alenezi	Mental Health Nursing (Doctorate)	Associate Professor
			HOD (Department of Nursing Sciences)
3	Abdulaziz Fahad A. Abaoud	Medical Surgical Nursing (Doctorate)	Assistant Professor
4	Ibrahim Abdulatiff Alhehe	Nursing Administration (Doctorate)	Assistant Professor
5	Mohammead Osman Yahya Mohammead	Community Health Nursing (Doctorate)	Lecturer
6	Sabir Ahmed Abuelnour	Community Health Nursing (Masters)	Lecturer
7	Ramon Perley MercadoPandaan	Juris Doctor/Nursing Educational Management	Lecturer
8	Mohammad Saleh Ahmad Abdallah	Community Health Nursing (Masters)	Lecturer
9	Almoez Mohammed Edress Mohammed	Medical Surgical Nursing (Masters)	Lecturer

10	Abdallahman Abdallatif Mohammed Saeed	Community Health Nursing (Doctorate)	Lecturer
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#	Name	Qualifications	
		Degree	Job Title
Female Section			
1	Salma Zabar Alshammari	Doctor of Philosophy in Nursing (<i>in progress</i>)	Lecturer
2	Reda Mohamed Elsayed Ramadan	Medical Surgical Nursing (Doctorate)	Assistant Professor
3	Manal Saleh Moustafa Saleh	Nursing Administration (Doctorate)	Assistant Professor
4	Khadiga AbdElgied Gomea Hassan	Pediatric Nursing (Doctorate)	Assistant Professor
6	Asmaa Mohammed Khalid	Community Health Nursing (Doctorate)	Assistant Professor
7	Mona Hamdy Mohamed	Psychiatric Mental Health Nursing (Doctorate)	Assistant Professor
8	Eman Ali Badr	Medical Surgical Nursing (Doctorate)	Assistant Professor

Description of the BSN Program Courses:

Code & No: CHM207
Course: Biochemistry
Credits: 2(2+0+0)
Pre-requisite: BIO106+CHM106
Co-requisite:
The goal of this course is for nursing students to acquire basic knowledge about structures and functions of proteins, amino acids, lipids, carbohydrates, minerals, and vitamins. Also, the course focuses on structures and functions of hormones, enzymes, and related clinical conditions, as well as principles of metabolism.

Code & No: MED241
Course: Medical Microbiology
Credits: 3(2+1+0)
Pre-requisite: BIO 106
Co-requisite:
The course is designed to provide nursing students with essential information in medical microbiology science, including general knowledge about bacteria, viruses, protozoa, fungi and parasites with their effects on human health and methods of prophylaxis and treatment against them.

Code & No: NUR 231
Course: Principles of Anatomy
Credits: 4(3+1+0)
Pre-requisite: BIO 106
Co-requisite: NUR 232
This course introduces human anatomy in an easy way. Topics include the musculoskeletal system, the cardiovascular system, the integumentary system, the urinary system, the respiratory system, the digestive system, the endocrine system, the reproductive system, and the nervous system. The theoretical part will be enhanced through practice in lab.

Code & No: NUR 232
Course: Principles of Physiology
Credits: 4(3+1+0)
Pre-requisite: BIO 106
Co-requisite: NUR 231
This course concerned with the study of function of different body systems and its clinical applications in nursing, it includes the study of blood, circulation, respiration, regulation of water and electrolyte balance, digestion, and absorption of food, urinary, endocrine, musculoskeletal, and nervous system. It also includes the study of different diseases that disturb normal functions of human body. The theoretical part will be enhanced through practice in lab.

Code & No: NUR 233
Course: Fundamentals of Nursing /Theory
Credits: 4(4+0+0)
Pre-requisite: -
Co-requisite: NUR 234
This theoretical course is designed to provide nursing students with the knowledge and information that will combine between the past and recent history of nursing. The course focuses on the history of nursing in the world as well as the Arab countries and the kingdom. Specific emphasis is placed on the stages of the development throughout the history of nursing profession. The influence on each of stage of development is emphasized. Throughout the course, students will be introduced to variety of concepts and nursing theories. Specifically, emphasis will be placed on the nursing process and its applications in nursing practice. The principle of the basic nursing skills, hygiene, nutrition, mobility, safety, and medication calculations and administration will be addressed.

Code & No: NUR 234
Course: Fundamentals of Nursing/ Clinical
Credits: 4(0+4+0)
Pre-requisite:
Co-requisite: NUR 233
This course is a co-requisite to the theoretical part of fundamentals of nursing. It focuses on exploring the nursing process and its application in nursing practice. Students apply the concepts of communication, hygiene, nutrition, mobility, safety, and medication calculation and administration in the lab prior to their contact with the patients in hospitals.

Code & No: NUR 235
Course: Social Psychology
Credits: 2(2+0+0)
Pre-requisite: -
Co-requisite: -
This theoretical course aimed to study social and psychological factors which affect the human behavioral conditions leading to disturbances in social and psychological status. Through this course, student will learn about theories of social psychology, attitude, thinking and emotions.

Code & No: NUR 241
Course: Health Assessment
Credits: 3(2+1+0)
Pre-requisite: NUR 23 + NUR 234
Co-requisite: -
This course divided into two parts; the theoretical part is designed to provide nursing students with the knowledge and skills needed to assess the physical and mental health status of clients with different age groups. Specific attention is given to the bio-psychosocial and spiritual dimension of the clients. Normal and abnormal variations are also addressed. The practical part of this course aimed at providing nursing students with the opportunity to use interview, observation, percussion, palpation, inspection, and auscultation in assessing clients in the lab and later in health care settings.

Code & No: NUR 242
Course: Adult Health Nursing - 1/ Theory
Credits: 4(4+0+0)
Pre-requisite: NUR 232 + NUR 233
Co-requisite: NUR 243
This theoretical course introduces nursing students to the role of professional nurse in the promotion of care among adult clients. It focuses on providing nursing Care for adult client experiencing specific health alterations. Students are also provided with the relevant Knowledge to the aging process and how to examine the main concepts and needs that are related. The nursing process: critical thinking concepts and the cultural variations between patients are also addressed.

Code & No: NUR 243
Course: Adult Health Nursing - 1/ Clinical
Credits: 3(0+3+0)
Pre-requisite: NUR 234
Co-requisite: -
This clinical course is a co-requisite to the theoretical part of adult health nursing 1. The course focuses on improving the knowledge and skills of nursing students to enable them providing competent nursing care for adult with actual and potential health problems. The

course also emphasis the importance of applying the nursing process to care for clients with acute and chronic conditions within the medical and surgical settings. The cultural, ethical, and legal considerations are addressed.

Code & No: NUR 351
Course: Adult Health Nursing - 2/ Theory
Credits: 3(3+0+0)
Pre-requisite: NUR 243
Co-requisite: NUR 352
This theoretical course is designed to provide nursing students with more advanced knowledge that enables them to care for their adult clients competently. The course also focuses on the use of the nursing process and critical thinking principles to guide them in providing nursing care to clients complaining of acute, chronic, and critical conditions. Socio-cultural variations between clients and the relevant ethical considerations are also addressed.

Code & No: NUR 352
Course: Adult Health Nursing - 2 /Clinical
Credits: 3(0+3+0)
Pre-requisite: NUR 244
Co-requisite: NUR 351
This clinical course is a co-requisite to the theoretical part of adult health nursing 2. The course focuses on improving students' skills in utilizing the nursing process and critical thinking principles that enables students to provide the best nursing care for their clients. During the course, student will be exposed to a variety of experiences in the medical, surgical, cardiology, neurology, orthopedic, oncology, dialysis, ear, and throat units, as well as operation room.

Code & No: NUR 353
Course: Human Growth and Development
Credits: 2(2+0+0)
Pre-requisite: NUR232 + NUR 351
Co-requisite: -
This course is designed to introduce nursing student to the concepts of growth, development, and maturation. It explores the stages of growth and development throughout the life span. Specific emphasis is placed on the physical, emotional, cognitive, social, and spiritual growth and development of human beings. Nursing precaution measures in each developmental stage are also addressed.

Code & No: NUR 354
Course: Health Education
Credits:2(2+0+0)
Pre-requisite: -
Co-requisite: -
This course aimed to provide nursing students with knowledge about learning theories and teaching strategies as well as understanding the basis of designing and developing educational programs according to necessary information about health needs of individual, family, and community. Health education program planning, selection of target groups, implementation, and evaluation is also covered. Student learned how to work as member of health team to lead the local community and the proper use of all methods in health education.

Code & No: NUR 355
Course: Principles of Nutrition
Credits: 2(2+0+0)
Pre-requisite:CHM207 + NUR241
Co-requisite: -
This course introduces nursing student to the concepts of nutrition in illness and wellness. Student will be able to learn about the nutritional requirements of humans of different age groups. Attention is given to the nutrition and metabolism, nutrition, and illness, influences of culture on nutrition, and the role of professional nurses in assessing and providing proper nutritional needs of all clients.

Code & No: NUR 356
Course: Pharmacologic Aspects of Patient Care
Credits: 3(3+0+0)
Pre-requisite: CHM 207
Co-requisite: -
This course is designed to introduce nursing students to the major categories of drugs. The principles of action, therapeutic use of drugs, and the side effects are emphasized. Specific attention is given to the nursing considerations for medication administration, adverse effects and drug interaction.

Code & No: NUR 361
Course: Maternal-Newborn Health Nursing / Theory
Credits: 3(3+0+0)
Pre-requisite: NUR 351
Co-requisite: NUR 362
This theoretical course introduces nursing student to the role of professional nurse in the delivery of nursing care to childbearing families in the hospital or in the community. Emphasis is placed on the pregnancy, labor, and neonatal stages. High risk and complications of pregnancy and delivery are addressed. Ethical and legal dilemmas, the cultural influences and variations related to pregnancy and labor are also emphasized.

Code & No: NUR 362
Course: Maternal-Newborn Health Nursing /clinical
Credits: 3 (0+3+0)
Pre-requisite: NUR 352
Co-requisite: NUR 361
This clinical course is co-requisite to the theoretical part of maternal-newborn health nursing. Emphasis is placed on applying the nursing process and critical thinking skills are prime frameworks prior to, during and following the delivery, the concept of holistic care to the childbearing families is also emphasized. specific attention is given to exposing student to a variety of situations during lab/clinical experiences to enable student in helping childbearing families to adapt.

Code & No: NUR363
Course: Pediatric Health Nursing /Theory
Credits: 3 (3+3+0)
Pre-requisite: NUR 351
Co-requisite: NUR 364
This theoretical course aims at exploring the role of nurses in promoting the health status of children. The course also introduces nursing students to the most common acute and chronic health alteration among children including the communicable diseases. concepts of normal growth and development of neonates and children and vaccination are addressed.

Code & No: NUR364
Course: Pediatric Health Nursing /clinical
Credits: 3(0+3+0)
Pre-requisite: NUR 352
Co-requisite: NUR 363
This clinical course is a co-requisite to the theoretical part of pediatric health nursing. It focuses on the health and illness of infants and children. Emphasis is placed on the therapeutic nursing interventions for the acute, chronic, actual, and potential health alteration in children in the context of holistic approach of care, through exposing student to a variety of situations during lab/clinical experiences. The legal, ethical, cultural, economic, and social factors which affect decision making and outcomes of nursing care explored.

Code & No: NUR 365
Course: Path physiology
Credits: 3 (3+0+0)
Pre-requisite: NUR232 + NUR241
Co-requisite: -
This theoretical course introduces nursing student to the mechanisms and theories related to the development of disease and alternation in body function of individuals throughout their life span. Common condition related to functional health patterns and immunological responses are also addressed.

Code & No: NUR 471
Course: Community Health Nursing /Theory
Credits: 3(3+0+0)
Pre-requisite :NUR 361+ NUR 363
Co-requisite: NUR 472
This theoretical course focuses on exploring the main role of community health nursing in promoting health, preventing illness, and restoring health. The nursing process as a prime framework in providing nursing care of individuals and families will be explored and applied. Emphasis is placed on the assessment of physical, psychosocial, and cultural environments. Knowledge related to identifying individuals and communities at risk and providing them with the proper nursing care is also explored.

Code & No: NUR 472
Course: Community Health Nursing /Clinical
Credits: 3(0+3+0)
Pre-requisite: NUR 362 + NUR 364
Co-requisite: NUR 471
This clinical course is a co-requisite to community health nursing theoretical part. It aims at developing the skills of nursing student in providing nursing care for individuals, families, and communities. The course also focuses on providing students with the opportunity to put theory into practice in a variety of selected placements in the community. The primary health care centers, schools, and factories are all examples of these setting.

Code & No: NUR 473
Course: Mental Health Nursing /theory
Credits: 3(3+ 0+0)
Pre-requisite: NUR 361 + NUR 363
Co-requisite: NUR 474
This theoretical course introduces nursing student to the basic concepts of mental health and illness. It provides student with a base knowledge of mental health disorders, role of mental health nurses, theories of personality development, and treatment modalities. An emphasis is placed on the nursing process to provide proper nursing care for mentally ill. Communication skills and therapeutic relationship with mentally ill people is also addressed.

Code & No: NUR 474
Course: Mental Health Nursing /Clinical
Credits: 3(0+3+0)
Pre-requisite: NUR 363 + NUR 364
Co-requisite: NUR 473
This clinical course is a co-requisite to theoretical part of mental health nursing module. Guided by the nursing process, critical thinking, and therapeutic communication skills. Nursing students are provided with the opportunity to apply the learnt theoretical concepts into practice. Emphasis is placed on promoting, maintaining, and restoring the mental health of individuals and families. Interdisciplinary team planning, intervention, and therapeutic group meeting are also considered.

Code & No: NUR475
Course :Nursing Research & Statistical Analysis
Credit: 3(3+0+1)
Pre-requisite: -
Co-requisite: -
This course is designed to assist the student to develop an understanding of the basic principles of research and scientific inquiry including the identification of problem and steps in research methodology in the field of nursing. Also, it introduces the basic concepts, and principles of Statistical methods, methods of data collection, sampling, how to choose them & provides nursing students with competencies necessary to read, evaluate, and interpret findings of nursing research studies. In addition to the use of computers in conducting research project in groups and use of the findings in nursing practice.

Code & No: NUR 481
Course: Emergency Nursing
Credits: 5(2+3+0)
Pre-requisite: NUR 351 + NUR 352
Co-requisite: -
This course focuses on providing student with the necessary nursing skills to provide care for emergencies and common accidents, the application of skills will take place in emergency settings. The theoretical part of course addresses studying the fundamentals of emergency care and methods of evaluation and classification of clients according to degree of risk, including the foundations of CPR and its applications, Wound care and burns of all types and degrees, Poisonings, fractures, coma and the change in temperature and methods of treatment, with emphasis on the role of nursing care in emergency situations

Code & No: NUR 482
Course: Nursing Management and leadership / Theory
Credits :3(3+0+0)
Pre-requisite: NUR 471 + NUR 473
Co-requisite: NUR 483
This theoretical course focuses on the basic concepts of leadership and management. It also emphasizes the role of the nurses as changing agent in forming health care for the future. The concepts and theories of organization, management and leadership, change, decision making is explored. Socio-cultural, economical, and historical factors that influence health care system are all also emphasized.

Code & No: NUR 483
Course: Nursing Management and leadership /Clinical
Credits: 2(0+2+0)
Pre-requisite: -
Co-requisite: NUR 482
This clinical course is a co-requisite to the theoretical part of nursing management and leadership. The course focuses on the application of theoretical concepts in the practice setting where students are expected to gain managerial and leadership experience. Emphasis is placed on resource management, conflict resolution, managed care, quality improvement, and evaluation practice through collaborative efforts between hospital staff and college mentors.

Code & No: NUR 484
Course: Information Technology in Nursing
Credits: 3(3+0+0)
Pre-requisite: NUR 475
Co-requisite: -
This course focuses on the importance of utilization of computer in health care, education, research, practice, and administration with specific emphasis on nursing applications. The course place emphasis on the clinical information system, the internet, word processing, and data bases.

Code & No: NUR 485
Course: Trends and Issues in Nursing
Credits: 2 (2+0+0)
Pre-requisite: -
Co-requisite: -
This course is designed to discuss the legal and ethical issues related to nursing practice. The local and global issues that influence nursing practice are addressed. Emphasis is placed on the laws, regulations, legal systems, and standards of care. Specific attention given to the differences between ethical and legal bases for nursing actions on the local and global levels to facilitate decision making process.

Code & No: NUR4
Course: Evidence-Based Practice and critical Thinking.
Credits: 3(3+0+0)
Pre-requisite: NUR 475
Co-requisite: -
This theoretical course focuses on providing nursing student with the cognitive critical thinking skills required for professional nursing practice. The course enables nursing student to practice critical thinking through the analysis of certain nursing case studies. Specific emphasis is placed on a variety of nursing specialties including adult health nursing, community nursing, maternal-newborn nursing, child health nursing and mental health nursing.

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