



University: Benha
Faculty: Nursing

Program Specification **Academic Year 2024/2025**

A: Basic knowledge

1. Program name: Bachelor of Nursing Science Based on Credit Hours

2. Program nature: Single

3. Departments responsible for program:

All (6) Scientific Nursing Departments, (13) Medical Departments and (1) Supportive Department

Nursing Departments	Medical Departments	Supportive Departments (Faculty of Education)
Medical-Surgical Nursing	Medical Biochemistry	English
Obstetrics and Gynecological Nursing	Anatomy	
Pediatric Nursing	Physiology	
Community Health Nursing	Clinical Pathology	
Psychiatric Nursing and Mental Health	Medical Microbiology and Immunology	
Nursing Administration	General Medicine	
	General Surgery	
	Clinical Pharmacology	
	Anesthesia Department	
	Community Medicine	
	Obstetrics and Gynecology	
	Pediatric Medicine	
	Psychiatric Medicine	

Date of approval: Faculty Council No. (170) 11 /9/2024

B- Specialized knowledge

Program general aims:

The aims of the program are:	
1.1	Preparing qualified nursing students with scientific competences.
1.2	Enhancing nursing students abilities with effective professional communication & leadership skills to maintain a productive environment.
1.3	Providing holistic patient/client centered care for individuals, families& communities to minimize risks, hazards and solving problems related to their future work.
1.4	Preparing nurses adhering to the required professional ethics, morals and beliefs in the values of work proficiency, honesty, equity, sustainability and work in team spirit.
1.5	Utilizing evidence-based nursing practice with information technology and the modern techniques used during providing nursing care.
1.6	Integrating cognitive, create advanced curricula compatible with international curricula.

1- Program competences

DOMAIN 1- PROFESSIONAL AND ETHICAL PRACTICE

1.1. COMPETENCY

Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice.

KEY ELEMENTS

1.1.1. Demonstrate understanding of the legislative framework and the role of the nurse and its regulatory functions.

1.1.2. Apply value statements in nurses' code of ethics and professional conduct for ethical decision making.

1.1.3. Practice nursing in accordance with institutional/national legislations, policies and procedural guidelines considering patient/client rights.

1.1.4. Demonstrate responsibility and accountability for care within the scope of professional and practical level of competence.

DOMAIN 2- HOLISTIC PATIENT-CENTERED CARE

2.1. COMPETENCY

Provide holistic and evidence-based nursing care in different practice settings.

KEY ELEMENTS

2.1.1. Conduct holistic and focused bio-psychosocial and environmental assessment of health and illness in diverse settings.

2.1.2. Provide holistic nursing care that addresses the needs of individuals, families and

communities across the life span.

2.1.3. Provide holistic patient-centered care respecting people diversity.

2.1.4. Advocate the patient/client needs/problems within the Egyptian health care system and the personal context.

2.1.5. Utilize different community resources for referral to assist the patient/client and family through transitions across the continuum of care.

2.1.6. Examine evidence that underlie clinical nursing practice to offer new insights to nursing care for patients, families, and communities.

2.2. COMPETENCY

Provide health education based on the needs/problems of the patient/client within a nursing framework.

KEY ELEMENTS

2.2.1. Determine health related learning needs of patient/client within the context of culture, values and norms.

2.2.2. Assess factors that influence the patient's and family's ability, including readiness to learn, preferences for learning style, and levels of health literacy.

2.2.3. Participate in formal and informal methods of teaching that correspond to the health of patient/client needs and abilities in different health care settings.

2.2.4. Use educational principles and counseling techniques appropriately and effectively with diverse populations.

2.2.5. Communicate health information and coordinate health education/promotion activities effectively according to patient/client needs.

2.2.6. Utilize information from variety of reliable sources for planning and improving health promotion and health education activities.

DOMAIN 3- MANAGING PEOPLE, WORK ENVIRONMENT AND QUALITY

3.1. COMPETENCY

Demonstrate effective managerial and leadership skills in the provision of quality nursing care.

KEY ELEMENTS

3.1.1. Apply leadership skills to manage personnel to maximize health, independence and quality of life for individuals, families, and communities.

3.1.2. Plan and implement change conducive to the improvement of health care provision.

3.1.3. Organize own workload and apply time management principles for meeting responsibilities.

3.1.4. Demonstrate controlling techniques for the workflow and patient outcomes through delegating and supervising members of the nursing team.

3.2. COMPETENCY

Provide a safe working environment that prevents harm for patients and workers.

KEY ELEMENTS

- 3.2.1. Apply leadership skills to recognize and manage risks to provide safe care that best meets the needs and interests of individuals, families and communities.
- 3.2.2. Act to protect patients and their families from unsafe, illegal, or unethical care practices in different work settings.
- 3.2.3. Promote a research environment that supports and facilitates research mindedness and utilization that help in maintaining safe environment.
- 3.2.4. Apply research methods related to area of practice that enable and use the best evidences to maintain safe work environment.

3.3. COMPETENCY

Review health care outcomes in the light of quality indicators and benchmarks to achieve the ultimate goals of improving the quality of nursing care.

KEY ELEMENTS

- 3.3.1. Apply leadership skills, and decision making in improving the quality of nursing care by using the existing resources.
- 3.3.2. Participate in quality improvement process to enhance nursing care rendered and patient/client outcomes.
- 3.3.3. Utilize quality indicators and benchmarks to evaluate the effect of improvements in the delivery of nursing care.
- 3.3.4. Implement standardized protocols when providing nursing care considering quality improvement and patient's safety.

DOMAIN 4. INFORMATICS AND TECHNOLOGY

4.1. COMPETENCY

Utilize information and technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.

KEY ELEMENTS

- 4.1.1. Use different sources of data related to contemporary standards of practice and patient care.
- 4.1.2. Apply technology and information management tools to support safe care and evaluate their impact on patient outcomes.
- 4.1.3. Evaluate the impact of computerized information management on the role of the nurse in providing holistic patient-centered care.
- 4.1.4. Use and evaluate information management technologies for providing the holistic patient care in different health care settings.

4.2. COMPETENCY

Utilize information and communication technologies in the delivery of patient/client care.

KEY ELEMENTS

- 4.2.1. Retrieve, and manage data to make decisions using information management system for providing holistic patient care.
- 4.2.2. Apply communication technologies that support clinical decision making, care coordination, and protection of patients' rights.
- 4.2.3. Apply technologies and information systems to support provision of safe nursing care practice to individuals, families, and communities.

DOMAIN 5. INTER-PROFESSIONAL COMMUNICATION

5.1. COMPETENCY

Collaborate with colleagues and members of the health care team to facilitate and coordinate care provided for individuals, families and communities.

KEY ELEMENTS

- 5.1.1. Maintain inter-professional collaboration, in a variety of settings to maximize health outcomes for the patients, families and communities.
- 5.1.2. Function within behavioral norms related to the interdisciplinary communication and the health care organizations.
- 5.1.3. Use standardized communication approach to transfer care responsibilities to other professionals to facilitate experience transitions across different health care settings.
- 5.1.4. Utilize communication styles that diminish the risks associated with authority gradients among health care team members.

2- Program Academic Reference Standards

National Academic Reference Standards the second edition (NARS April 2017) from National Authority for Quality Assurance and Accreditation of Education (NAQAAE) was adopted by the Faculty Council No. (118), date 16/12/2019.

3-Reference Standard (Benchmark):

The Benchmark is not needed to put up now due to the recently adopted of the second edition National Academic Reference Standards (NARS April 2017) from National Authority for Quality Assurance and Accreditation of Education (NAQAAE).

5- Program structure and contents:

a- Program duration:

The duration of the study to obtain a bachelor's degree in nursing sciences is four levels of study consisting of (8 semesters) the main duration of the semester is 16 weeks (including two weeks for exams), followed by mandatory internship year with 12 credit hours which equal 36 actual hours weekly for 12 months in University Hospitals or Hospitals affiliated to Egyptian Ministry of Health and Population and other Governmental Health Settings, and the student may graduate in a period of not less than three and a half years in if the student fulfills the credit hours required for graduation.

b. The College Council may approve the opening of an optional intensive summer semester of 9 weeks (1week for registration, 7 weeks for study & 1week for exam) According to the following conditions:

- The student's desire to re-study courses he/she had previously studied and failed in, **except** clinical courses.
- The purpose of graduation, including all theoretical courses only, with the exception of clinical courses.
- The students desire for increasing grades for previously studied courses to enhance the GPA **except** clinical courses.
- The academically placed student's desire to register new courses to raise his/her cumulative average **except** for clinical courses.
- If this registration results in the possibility of changing the student's status to move to the next level, **except** clinical courses.
- The excellent student has the right to register courses in the summer semester for no more than 9 credit hours per semester if he has a cumulative GPA of no less than 3.4
- For graduation, the student has the right to register courses in the summer semester if the last semester does not exceed 9 credit hours per semester.

- A student on academic probation has the right to register for only 3 credit hours in the summer semester if he has an academic GPA of less than 1.60
- The weekly academic load for the course during the summer semester is double the academic load for the same course when it is offered in one of the basic classes.

c- Program Structure

The total hours for faculty and specialty requirements is (139) credit hours in addition to (2) mandatory hours for university requirements but not calculated in hours or marks in addition to 12 credit hours for mandatory internship year.

Courses divided into:

a- University requirements:

Faculty of nursing, Benha university adhere to (2) mandatory credit hours or (6) elective hours.

b- Faculty requirements or general field:

(32) credit hours include basic medical sciences.

c- Specialty requirements which divided to:

- **Mandatory specialty requirements:** (86) credit hours includes practical and theoretical nursing courses.

- **Human science and supportive specialty requirements:** (15) credit hours includes supportive courses to basic nursing courses to achieve their goals.

d- Elective Specialty requirements: (6) credit hours includes courses which selected by the student with the help of academic guide.

Ratio of credit hours of nursing courses to other courses:

The number of credit hours of nursing courses is proportional to other courses as follows:

1- Nursing courses represent at least 60% of the study program plan.

2- Medical and supporting courses representing 40% at most in the study program plan

Program levels (in the credit hours system): applicable

First academic level-1st semester

Course Code	Course Name	Number of hours					
		Contact	Theory	Practical	Clinical	Credit	Exam
NUR111	Fundamental of Nursing (theory)	3	3	-	-	3	3
MED 111	Physiology	2	2	-	-	2	2
MED112	Anatomy(theory)	1	1	-	-	1	1
NUR112	Professional Ethics and Legislation	1	1	-	-	1	1
MED113	Biochemistry	2	2	-	-	2	2
MED114	Microbiology and Infection Control	2	2	-	-	2	2
Educational Units: Practical Training							
CLN111	Fundamental of Nursing (Practical)	7	-	4	3	3	3
CLN112	Anatomy (Practical)	2	-	2	-	1	1
Educational Units: Supportive Sciences							
SUP111	English I	2	2	-	-	2	2
Total		22	-	-	-	17	-

First academic level-2nd semester

Course Code	Course Name	Number of hours					
		Contact	Theory	Practical	Clinical	Credit	Exam
NUR121	Medical Surgical Nursing 1 (theory)	3	3	-	-	3	3
NUR122	Basics of Quality and Safety in the Health Care	2	2	-	-	2	2
NUR123	Holistic Nursing Care	2	2	-	-	2	2
NUR124	Health Assessment (theory)	1	1	-	-	1	1
MED121	Pharmacology	2	2	-	-	2	2
Educational Units: Practical Training							
CLN121	Medical Surgical Nursing 1 (practical)	7	-	4	3	3	3
CLN122	Health Assessment (practical)	2	-	2	-	1	1
Educational Units: Supportive Sciences							
SUP121	Health Education	1	1	-	-	1	1
Educational Units: Elective Courses							
ELC121	Elective Course	1	1	-	-	1	1
Total		21	-	-	-	16	-

Second academic level-3rd semester

Course Code	Course Name	Number of hours					
		Contact	Theory	Practical	Clinical	Credit	Exam
NUR211	Medical Surgical Nursing (2) (theory)	4	4	-	-	4	3
MED211	Basics of Pathology	2	2	-	-	2	2
MED212	Applied Nutrition	2	2	-	-	2	2
NUR212	Communication Skills in Nursing	2	2	-	-	2	2
MED213	Medicine Diseases	2	2	-	-	2	2
Educational Units: Practical Training							
CLN211	Medical Surgical Nursing 2 (practical)	11	-	2	9	4	3
Educational Units: Supportive Sciences							
SUP211	English II	2	2	-	-	2	2
Educational Units: Elective Courses							
ELC211	Elective Course	1	1	-	-	1	1
Total		26	-	-	-	19	-

Second academic level-4th semester

Course Code	Course Name	Number of hours					
		Contact	Theory	Practical	Clinical	Credit	Exam
NUR221	Critical and Emergency Nursing (theory)	4	4	-	-	4	3
MED221	Surgical Diseases	2	2	-	-	2	2
MED222	Critical and Emergency Medicine	2	2	-	-	2	2
Educational Units: Practical Training							
CLN221	Critical and Emergency Nursing (practical)	11	-	2	9	4	3
Educational Units: Supportive Sciences							
SUP221	English III	2	2	-	-	2	2
Educational Units: Elective Courses							
ELC221	Elective Course	1	1	-	-	1	1
Total		22	-	-	-	15	-

Third academic level-5th semester

Course Code	Course Name	Number of hours					
		Contact	Theory	Practical	Clinical	Credit	Exam
NUR311	Obstetric and Gynecological Nursing (theory)	4	4	-	-	4	3
MED311	Obstetric and Gynecological Medicine	2	2	-	-	2	2
NUR312	Scientific Research in Nursing	2	2	-	-	2	2
NUR313	Informatics and Education Technology in Nursing	2	2	-	-	2	2
Educational Units: Practical Training							
CLN311	Obstetric and Gynecological Nursing (practical)	11	-	2	9	4	3
Educational Units: Supportive Sciences							
SUP311	Teaching Skills and Strategies	2	2	-	-	2	2
SUP312	English IV	2	2	-	-	2	2
University Requirements							
UNI311	Community Issues	2	2	-	-	2	2
Total		27	-	-	-	20	-
<p>- The university requirements course (Community Issues) is not counted among the credit hours or the total grades.</p> <p>- Students are alternated in the fifth and sixth semesters in the following courses:</p> <ul style="list-style-type: none"> ○ Pediatric Nursing (Theoretical and Practical) and Pediatrics Medicine (interchangeably with) ○ Obstetrics and Gynecology Nursing (Theoretical and Practical) and Obstetrics and Gynecology Medicine 							

Third academic level-6th semester

Course Code	Course Name	Number of hours					
		Contact	Theory	Practical	Clinical	Credit	Exam
NUR321	Pediatric Nursing (theory)	4	4	-	-	4	3
MED321	Pediatric Medicine	2	2	-	-	2	2
MED322	Pediatric Surgery	2	2	-	-	2	2
NUR322	Evidence Based Nursing Practice	2	2	-	-	2	2
Educational Units: Practical Training							
CLN321	Pediatric Nursing (practical)	11	-	2	9	4	3
Educational Units: Supportive Sciences							
SUP321	Principles of Statistics	2	2	-	-	2	2
Educational Units: Elective Courses							
ELC321	Elective Course	1	1	-	-	1	1
Total		24	-	-	-	17	-

Fourth academic level-7th semester

Course Code	Course Name	Number of hours					
		Contact	Theory	Practical	Clinical	Credit	Exam
NUR411	Psychiatric and Mental Health Nursing (theory)	4	4	-	-	4	3
MED411	Psychiatric Medicine	2	2	-	-	2	2
NUR412	Geriatric Nursing	3	3	-	-	3	3
MED412	Geriatric Medicine	1	1	-	-	1	1
Educational Units: Practical Training							
CLN411	Psychiatric and Mental Health Nursing (practical)	11	-	2	9	4	3
CLN412	Geriatric Nursing (practical)	7	-	4	3	3	3
Educational Units: Supportive Sciences							
SUP411	English V	2	2	-	-	2	2
Educational Units: Elective Courses							
ELC411	Elective Course	1	1	-	-	1	1
Total		31	-	-	-	20	-

Fourth academic level-8th semester

Course Code	Course Name	Number of hours					
		Contact	Theory	Practical	Clinical	Credit	Exam
NUR421	Community Health Nursing (theory)	3	3	-	-	3	3
NUR422	Nursing Administration	3	3	-	-	3	3
MED421	Public Health Administration	2	2	-	-	2	2
MED422	Epidemiology	1	1	-	-	1	1
NUR423	Graduation Project (theory)	1	1	-	-	1	1
Educational Units: Practical Training							
CLN421	Community health Nursing (practical)	11	-	2	9	3	3
CLN422	Nursing Administration (practical)	6	-	-	6	2	2
CLN423	Graduation Project (practical)	2	-	2	-	1	
Educational Units: Elective Sciences							
ELC421	Elective Course	1	1	-	-	1	1
Total		30	-	-	-	17	-
<p>○ Students are alternated in the 7th and 8th semesters in all courses, with the exception of the graduation project in the 8th semester only</p>							

6- Course Contents

According to courses descriptions template

7- Program entry requirements according to Faculty by law:

- 1- The faculty accepts Egyptian students and students transferred from other countries who have the certificate of the recent high secondary school (scientific section) or an equal certificate.
- 2- The student should be agreed with admission requirements according to article (75) from the supreme council of universities laws.

The student should be agreed with admission requirements of the faculty as the following:

- Candidacy to join the college through the Coordination Office for Universities Admission, for high school students in science or equivalent certificates, in accordance with the rules and regulations determined by the Supreme Council of Universities.
- The student should be free to study.
- English should be one of the languages studied.
- Passing admission tests in accordance with the rules and regulations set by the Supreme Council of Universities.
- The student must successfully pass the faculty medical examination and students should be free from physical and mental disability, chronic disease and there should be consistency between students' height and weight.
- Students transferred from colleges and institutes are admitted in accordance with the rules and regulations set by the Supreme Council of Universities.
- The students transferred from faculties and institutes are accepted in accordance with the rules and regulations determined by supreme council of universities with approval of the faculty council and the university council and according to the faculties' capacity.
- International students are accepted under the same general conditions as their Egyptian counterparts and accordance with rules set by supreme council of universities and the university council.

***To accept students with a diplom from technical institutes of nursing and health technical institutes (Nursing Division)**

Students who have obtained a diploma from technical institutes of nursing and health technical institutes (Nursing Division) are accepted through the coordination office for admission to universities according to the following conditions:

1. Passing admission tests in accordance with the rules and regulations set by the Supreme Council of Universities.
2. Candidacy to join the college according to the numbers determined by the college (10% of the number of second-level students in the college).
3. The student must be a graduate of the same academic year as the year of joining the college and must be dedicated to studying.
4. The student must not have completed the training period (internship) or been assigned to work by the Egyptian Ministry of Health and population.
- 5- Providing evidence of good conduct from where he obtained his last academic qualification.
- 6- The student was enrolled in the second level in the third semester of the college.

8 -The requirements for completing the program:

- 1-The study is based on the credit hours' system (four levels over eight semesters) and in addition to summer semester.
- 2-The internal regulations for the approved hours and their distribution at the different academic levels.
- 3-To obtain a bachelor's degree in nursing with the credit hours' system, the student must pass all the courses he/she is enrolled in according to the requirements of the regulations, which are equal to 139 credit hours, and pass the internship year (12 credit hours).
- 4- The College Council may, after taking the opinion of the relevant department council, and according to the nature of the academic courses, decide to teach one or more courses in the hybrid teaching style.

The minimum number of credit hours required for graduation: To obtain a bachelor's degree with the credit hours' system, the student must pass a number of credit hours equal to 139 credit hours, according to the requirements of the regulations in addition to 12 credit hours for internship year.

9- Program assessment:

Evaluation and Examination System: the student is evaluated on the following:

- 1- Practical training for practical courses, that include semester works, mid-term exam and periodic exams held during the semester.
2. Written, or practical exams held at the end of the semester.

3. Grades for nursing courses are estimated as follows:

A- Theoretical nursing courses: 70% of the final grade is written and 30% for the semester works.

b- Practical nursing courses: Practical test (at the end of the semester) 40% of semester work (research or Reports, or any other educational activities for the course + clinical, laboratory or field training (60%).

C - Grades for non-nursing courses are estimated as follows: 80% of the final grade is written and 20% for quarterly work.

Calculating average points:

The points obtained by the student in each course are calculated as the number of credit hours for the course multiplied by the points obtained according to the table shown.

● **Calculating semester points:** The semester average is the points obtained by the student in one semester, rounded to two decimal places, in the courses that he successfully passed

Semester Grade Point Average

(GPA) = Total (number of credit hours for each course X the points obtained by the student in the courses he/she successfully passed during the semester

The total credit hours for the semester courses

1. With Honors is awarded to a student who has a minimum cumulative average of (2.4) upon graduation, provided that he/she has not failed any course during his/her enrollment in the college, and his/her annual grade is not less than very good (3.2).
2. The course with grade (F) is included in the student's record only, as this grade means failing, and this also applies to courses with grade (Denied-). These grades mean a description of the student's situation, and the student is recorded as the highest acceptable when calculating the cumulative average.

3. The actual points and grades obtained by the student who submitted an acceptable excuse and registered for his/him IC / W are calculated after successful completion of these courses will be counted within the cumulative GPA.

Cumulative Grade Point Average (CGPA): The student's Cumulative Grade Point Average (GPA) and percentage are calculated as follows:

1. The grade value of each course (points shown in the table) is multiplied by the number of credit hours for this course to obtain the number of points for each course.
2. All courses in which the student is registered are collected.
3. The total points are divided by the total registered hours for the student to obtain the cumulative average as follows:

Cumulative Grade Point Average (CGPA) =

The total number of credit hours for each course X the points obtained by the student in the courses he/she passed during the semesters

Total credit hours for the courses studied in the program

Graduation percentage:

Graduation percentage = total marks obtained by the student in the four levels x 100 Total maximum marks for these courses

The grades obtained by the student for nursing and medical courses, which are included in the calculation of cumulative GPAs, are calculated as follows:

Grade	Percentage range	Grade according to the credit hour system	The number of cumulative average points
Excellent	من 95 % فأكثر	A+	4-
Excellent	من 90 % الي أقل من 95%	A	3.7
Excellent	من 85 % الي أقل من 90%	A-	3.4
Very good	من 80 % الي أقل من 85%	B+	-3.0
Very good	من 75 % الي أقل من 80%	B	2.7
Good	من 70 % الي أقل من 75%	C+	3.2
Good	من 65 % الي أقل من 70%	C	-2.0
Acceptable	من 60 % الي أقل من 65%	D+	1.6
Failed	أقل من 60%	F	0.0

The grades obtained by the student for the supporting and elective courses, which are included in the calculation of cumulative averages, are calculated as follows:

Grade	Percentage range	Grade according to the credit hour system	The number of cumulative average points
Excellent	100- 95	A+	4-
Excellent	من 90 % الي أقل من 95%	A	3.7
Excellent	من 85 % الي أقل من 90%	A-	3.4
Very good	من 80 % الي أقل من 85%	B+	-3.0
Very good	من 75 % الي أقل من 80%	B	2.7
Good	من 70 % الي أقل من 75%	C+	3.2
Good	من 65 % الي أقل من 70%	C	-2.0
Acceptable	من 60 % الي أقل من 65%	D+	1.6
Acceptable	من 55 % الي أقل من 60%	D-	1.3
Acceptable	من 50 % الي أقل من 55%	D	1
Failed	أقل من 50%	F	0

Methods and rules for evaluating enrolled in the program:

Domain	Competency	Method of evaluation
Domain 1: Professional and ethical practice	Competence 1.1: (Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice)	1- Formative evaluation a. Hospital periodical evaluations (Observational checklists). b. Assignments and case studies. c. Quiz 2- Summative evaluation a. Final practical exam (Objective Structured Clinical Examination (OSCE) b. Midterm exam c. Final Written exam d. Semester works

Domain	Competency	Method of evaluation
Domain 2: Holistic patients/clients care	Competence 2.1: (Provide holistic and evidence-based nursing care in different practice settings) Competence 2.2: (Provide health education based on the needs/problems of the patient/client within a nursing framework)	1. Formative evaluation a-Hospital periodical evaluations (Observational checklists). b-Assignments and case studies. c- Quiz 2. Summative evaluation a- Final practical exam (Objective Structured Clinical Examination (OSCE) b- Midterm exam c- Final Written exam d- Semester works
Domain 3: Managing people ,work environment and quality	Competence 3.1: (Demonstrate effective managerial and leadership skills in the provision of quality nursing care). Competence3.2: (Provide a safe working environment that prevents harm for patients and workers) Competence 3.3: (Review health care outcomes in the light of quality indicators and benchmarks to achieve the ultimate goals of improving the quality of nursing care)	1. Formative evaluation a. Hospital periodical evaluations (Observational checklists). b. Assignments and case studies. c. Quiz 2. Summative evaluation e- Final practical exam (Objective Structured Clinical Examination (OSCE) a. Midterm exam b. Final Written exam c. Semester works
Domain 4: Informatics and technology	Competence 4.1: (Utilize information and technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care)	1. Formative evaluation a. Hospital periodical evaluations (Observational checklists). b. Assignments and case studies. c. Quiz 2. Summative evaluation a- Final practical exam (Objective Structured Clinical Examination (OSCE) a. Semester works

Domain	Competency	Method of evaluation
	<p>Competence 4.2: (Utilize information and communication technologies in the delivery of patient/client care)</p>	<p>1. Formative evaluation</p> <ul style="list-style-type: none"> a. Hospital periodical evaluations (Observational checklists). b. Assignments and case studies. c. Quiz <p>2. Summative evaluation</p> <ul style="list-style-type: none"> a- Final practical exam (Objective Structured Clinical Examination (OSCE)) a. Semester work.
<p>Domain 5: Inter-professional communication</p>	<p>Competence 5.1: (Collaborate with colleagues and members of the health care team to facilitate and coordinate care provided for individuals, families and communities).</p>	<p>1. Formative evaluation</p> <ul style="list-style-type: none"> a. Hospital periodical evaluations (Observational checklists). b. Assignments and case studies. c. Quiz <p>2. Summative evaluation</p> <ul style="list-style-type: none"> a- Final practical exam (Objective Structured Clinical Examination (OSCE)) a. Final Oral exam

9- Methods of program evaluation

Evaluator	Method	Sample
1-Students last year	Interview and questionnaire	%76 from 4 th level and internship students
2-Alumni	Interview and questionnaire	%75 graduates
3-Stakeholders	Interview and questionnaire	%50 stakeholder
4-External evaluator and examiner	Interview and report for programs and courses external evaluation.	Report 1-2 (one faculty member from other university for the program)
5-Another methods	Committee for review standard, educational program and courses	

Date of program approval: approved from nursing faculty council, No (170)

Date: 11/ 9 / 2024

Program coordinator:

Prof /Dr: Vice Dean of Education and Students Affairs:

Signature: Dr. Mahboubah Sobhy Date: