Program Specification

Bachelor Degree

Faculty of Nursing - Helwan University

2021 – 2022

NARS - 2nd ed. / April, 2017

Helwan University

Faculty of Nursing

Program Specification
(2021-2022)

A- Basic Information:

1. Program name: Bachelor Degree in Nursing Science

2. Nature of the program: (Single)

3. The department responsible for the program:

- Adult Health Nursing Department

- Pediatric Nursing Department

- Maternal and Newborn Health Nursing Department

- Community Health Nursing Department

- Psychiatric Mental Health Nursing Department

- Nursing Administration Department

Date of program approval: College Council No. (138) dated 27/9/2021

B- Specialized information:

1. General objectives of the program:

This program is aiming at:

1/1. Acquisition of knowledge and skills in the field of nursing practice, education and research to deliver a high standard nursing care based on understanding of physiological, psychological and social dimensions of health and illness.

1/2. Development of student's personality traits including critical thinking, communication skills, leadership skills, team working, presentation skills and problem solving skills.

1/3. Recognition of ethical considerations and client/patient rights for implication in professional nursing practice.

1/4. Acquisition of knowledge and practice regarding high quality nursing care and patient safety.

2. Program Competencies:
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 informal and formal 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- MANAGE 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 work flow 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.

3. Academic Standards

External references for faculty council adopted – NARS 2017 for bachelor programmer.

DOMAIN 1- PROFESSIONAL AND ETHICAL PRACTICE

1.2. 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 informal and formal 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.

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DOMAIN 3- MANAGE 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 work flow 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.

4- Reference Standards: **NARS used as Academic Reference Standard**

5- Program structure and components:

    A - Duration of the program: **Four academic years and one internship year.**

    B - Program Structure:

    C- Number of Units:

- **Number of hours:**

Theoretical	107	Practical	113	Total	220
Obligatory	NA	Transitional	NA	Elective	NA

- **Basic Courses (Nursing):**   Numbers: 8   19 %

- **Social and Humanistic courses:**   Numbers: -   0.0 %

- **Medical Courses:**   Numbers: 18   42.8 %

- **Supportive Courses:**   Numbers: 14   33.4 %

- **General Courses:**   Numbers: 2   4.8 %

- **Field Training:**   Numbers: 113 Practical hours + one internship year

C- Program levels (In the credit hour system): Not Applicable.
D- Program Courses:

تدريبات عملية	عدد الساعات الأسبوعية عملي معمل	نظري	كود المقرر	اسم المقرر	الفصل الدراسي
				الفرقة الأولى	
	15	3	NUR111	أساسيات التمريض	الفصل الدراسي الأول
	1	2	MED112	تشريح (١)	
		2	MED113	فسيولوجي (١)	
	2	2	MED114	ميكروبيولوجى	
		2	GEN115	حقوق الانسان	
	1	2	GEN116	حاسب ألى	
		2	GEN117	لغة انجليزية	
	1	2	MED121	تشريح ٢	الفصل الدراسي الثاني
		2	MED122	فسيولوجى ٢	
		2	MED123	كيمياء حيوية وتغذية	
		2	MED124	طفيليات	
		2	MED125	وبائيات ومكافحة العدوى	
		2	NUR126	مقدمة لخدمات الرعاية الصحية التمريضية	
		2	GEN127	تثقيف صحى	
	1	2	GEN128	حاسب ألى	
		2	GEN129	التواصل والعلاقات الإنسانية والأخلاق	
				الفرقة الثانية	
	15	3	NUR211	تمريض صحة البالغين (١)	الفصل الدراسي الأول
		2	MED212	أمراض باطنة وتخصصاتها	
		2	MED213	باثولوجى	
		2	MED214	علم الأدوية	
		2	MED215	تغذية تطبيقية	
		2	GEN216	احصاء حيوى	
		2	GEN217	مقدمة فى علم النفس	
	15	3	NUR221	تمريض صحة البالغين (2)	الفصل الدراسي الثاني
		2	MED222	جراحة وتخصصاتها	
		2	GEN223	الأنثروبولوجى	
		1	GEN224	المعلوماتية فى التمريض	
		2	GEN225	لغة انجليزية	
		2	GEN226	طرق البحث العلمى	
		2	MED227	طب شرعى وسموم	

				الفرقة الثالثة	
	15	3	NUR311	تمريض صحة الطفل	الفصل الدراسي الأول
		2	MED312	طب أطفال	
		2	MED313	جراحة أطفال	
		2	GEN314	علم نفس النمو	
		2	GEN315	لغة انجليزية	
	15	3	NUR321	تمريض صحة الأم وحديث الولادة	الفصل الدراسي الثاني
		2	MED322	طب النساء والتوليد	
		2	GEN323	علم نفس المرأة	
		2	GEN324	مهارات طرق التدريس	
				الفرقة الرابعة	
		2	NUR411	ادارة تمريض ١	الفصل الدراسي الأول
	15	3	NUR412	تمريض نفس وصحة عقلية	
		2	MED413	طب نفسي	
		2	GEN414	علم الاجتماع	
		2	GEN415	ادارة صحة عامة	
		2	GEN416	لغة انجليزية	
	2	3	NUR421	ادارة تمريض ٢	الفصل الدراسي الثاني
	15	3	NUR422	تمريض صحة المجتمع والصحة المهنية	
		2	MED423	طب المجتمع	
		2	MED424	الطب المهنى	
		2	GEN425	اعداد برامج تدريبية	

5- Course Specification

Please review attached course specifications.

6. Program requirements:

- أن يكون الطالب حاصلا على شهادة الثانوية العامة (شعبة علمى علوم) أو ما يعادلها.
- أن تكون اللغة الأجنبية الأولى هى الانجليزية (يستثنى من ذلك خريجى مدارس اللغات).
- تقبل الكلية الحاصلين على شهادة المعاهد الفنية الصحية (شعبة التمريض) أو المعاهد الفنية للتمريض على أن يكونوا حديثى التخرج وحاصلين على ٧٥% على الأقل من درجات الدبلوم ويتم قبول هؤلاء الطلاب بالفرقة الثانية.
- تقبل الكلية خريجى المدارس الثانوية الفنية للتمريض الحاصلين على ٧٥% وذلك بعد اجتياز امتحان المعادلة الذى ينظمه المجلس الأعلى للجامعات.
- يجوز قبول الطلاب الحاصلين على درجة البكالوريوس أو الليسانس (ثانوية عامة شعبة علوم) على ألا يكون قد مضى على المؤهل الجامعى السابق ذكره أكثر من خمس سنوات كما يشترط حصول المتقدم على تقدير عام فى الدرجة الجامعية لا يقل عن "جيد".
- على جميع الطلاب المرشحين للقبول بالكلية اجتياز اختبارات القبول التى تقوم بها الكلية.

7. Rules and regulations of the program:

مدة الدراسة للحصول على درجة البكالوريوس في التمريض أربع سنوات أكاديمية (ثمانية فصول دراسية) تليها سنة تدريب إلزامية داخل مستشفيات مختلفة تحت إشراف أعضاء هيئة التدريس. يجب أن يحضر الطالب الدراسة وقت كامل خلال أربع سنوات دراسية بالإضافة إلى سنة الامتياز. يقترح قسم إدارة التمريض بالتعاون مع الأقسام الأخرى بالكلية خطة التدريب الإكلينيكي لعام الامتياز ويشرف عليها. خلال سنة التدريب، يتلقى الطلاب تدريبهم في تخصصات تمريضية مختلفة.

8- Student Assessment Methodologies

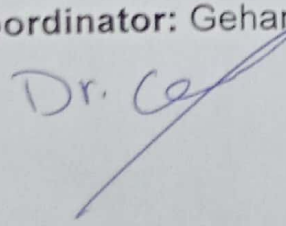| Domain	Competency	Method of evaluation
DOMAIN 1- PROFESSIONAL AND ETHICAL PRACTICE	1-1 Demonstrate knowledge, understanding, responsibility and accountability of the legal obligations for ethical nursing practice.	Clinical evaluation: (OSCE, clinical observation guided by observational checklist & application of nursing process)
DOMAIN 2- HOLISTIC PATIENT-CENTERED CARE	2-1 Provide holistic and evidence based nursing care in different practice settings.	Clinical evaluation: (OSCE, check lists, clinical observation, nursing process)
	2-2 Provide health education based on the needs/problems of the patient/client within a nursing framework.	Written exam: (progress, mid-term, quizzes, final exam)
DOMAIN 3- MANAGE PEOPLE, WORK ENVIRONMENT AND QUALITY	3-1 Demonstrate effective managerial and leadership skills in the provision of quality nursing care.	Clinical observation
	3-2 Provide a safe working environment that prevents harm for patients and workers.	Written exam: (final exam, mid-term exam and quizzes)
	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.	Clinical observation guided by observational checklist, application of nursing process) Nursing care plan

DOMAIN 4- INFORMATICS AND TECHNOLOGY	4-1 Utilize information and technology to underpin health care delivery, communicate, manage knowledge and support decision making for patient care.	Clinical evaluation: (OSCE, clinical observation, application of nursing process)
	4-2 Utilize information and communication technologies in the delivery of patient/client care.	Clinical evaluation: (OSCE, clinical observation, application of nursing process)
DOMAIN 5- INTER-PROFESSIONAL COMMUNICATION	5-1 Collaborate with colleagues and members of the health care team to facilitate and coordinate care provided for individuals, families and communities.	Clinical observation application of nursing process

9. Program Evaluation Methods:

Evaluator	Tool	Sample
1. Final years students	Questionnaire	Representative sample
2. Graduates	Questionnaire	Representative sample
3. Beneficiaries Nursing directors in hospitals For example: • Al Salam International Hospital • Children's Cancer Hospital (57357) • Wadi-Al-Nile Hospital • Badr University Hospital • Dar Al Fouad Hospital • Ain Shams University Hospital	Questionnaire for Beneficiaries of the program.	Representative sample
4. External Evaluator	Feedback and Comments	3

Program Coordinator: Gehan Mohamed Ahmed Mostafa

Signature: Dr. ع

Date of approval: 27/9/2021