

Republic of Yemen  
21 September University of Medicals and Applied Sciences



Faculty of High Nursing  
Bachelor of Nursing Program Specification

Preparation Committee:

1. Dr. Mojahed Ali Maesar
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Reviwer by :

Dr. Fares Ali Mahdi

Date of preparation:

Aug. 2022

Dean of the Faculty

Prof. Abdul Hameed Althafani

Center of Development & Quality Assurance

Assoc. Prof. Muneer Al-wesabi

Rector

Prof. Muneer Al-wesabi

## Contents

1. PROGRAM SPECIFICATION DOCUMENT	1
2. ANNEX- 1, SURVEY OF SIMILAR ACCREDITED PROGRAMS AT NATIONAL AND INTERNATIONAL UNIVERSITIES (BENCHMARKS)	ERROR! BOOKMARK NOT DEFINED. <u>1</u>
3. ANNEX- 2, SURVEY OF PILOS FOR SIMILAR ACCREDITED PROGRAMS AT NATIONAL AND INTERNATIONAL UNIVERSITIES	ERROR! BOOKMARK NOT DEFINED. <u>2</u>
4. ANNEX- 3, SURVEY OF NUMBER OF COURSES AND CREDIT HOURS OF SIMILAR PROGRAMS	ERROR! BOOKMARK NOT DEFINED. <u>3</u>
5. ANNEX- 4, COMPARISON OF PROGRAM COURSES AND SIMILAR PROGRAMS COURSES	24
6. ANNEX- 5, CODING SYSTEM	ERROR! BOOKMARK NOT DEFINED. <u>8</u>
7. ANNEX- 6, MATRIX OF MAPPING PROGRAM PILO'S WITH COURSES	29
8. ANNEX- 7, CVS FOR THE PREPARATION COMMITTEE	33

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1. General Information:		
1.	Program Name	Bachelor of Nursing
2.	Program Type	Full time
3.	Total Credit Hours	164 Credit Hours
4.	Program Period	4 Years [8 Academic semesters + 1 year internship]
5.	Awarding Institution	21 September University of Medical & Applied Sciences
6.	Awarded Degree	Bachelor of Nursing -
7.	Study System:	Regular attendance
8.	Teaching language	English
9.	Departments participating in the program:	Medical Surgical Nursing Dep, Maternal health Nursing dep.
10.	Location of teaching:	21 September University of Medical & Applied Sciences, Faculty of High Nursing
11.	Date of current development of the program:	2022
12.	Qualification required for admission	Secondary School Certificate + Acceptance Exam
13.	Prepared by:	Prof. Dr. Mojahid Measar Prof. Dr. Abdulhameed Althafani Prof. Dr. Abdulsalam Dallak
14.	Council Approval Date	Aug. 2022
15.	Starting date of teaching:	2016/2017
2. Introduction:		

Head of Department  
Dr. Fares Mahdi

Quality Unit  
Dr. Haria Al-Sabri

Dean of the Faculty  
Dr. Abdul-Hameed Althafani

Dean Center of Quality Assurance  
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**Introduction:**

It is a profession which believes in the prevention of illness, caring for those who are acutely ill, and helping people with long-term rehabilitative problems to live in the healthiest way possible. Nurses are needed in acute care hospitals, homes, jails, community health agencies, outreach programs, public schools, health maintenance organizations, and clinics which serve underprivileged, minority, and rural populations.

It is offered for four academic years and one-year internship (4+1). The studying period are divided into eight semesters.

**Promising Jobs:**

- 1- Acute care setting
- 2- Rehabilitation settings
- 3- Educator and Health Promotor
- 4- Manager and Leader in Nursing
- 5- Graduate Studies,
- 6- Home Care,
- 7- Palliative Care,
- 8- Nursing In Various Hospital Units And Healthcare Settings.
- 9- Community Care Setting

### 3. University Vision, Mission, and Objectives:

**3.1-University vision:**

A contemporary University with National Responsibility and a Faith Identity.

**3.2-University mission:**

Leading the transformation in the management and delivery of health care with all partners by setting a standard of excellence in education and medical and applied research in a way that meets the needs of Yemeni society, its specificity and regional influence.

**3.3-University Core values:**

- 1- Leadership and influence
- 2- Excellence
- 3- Creativity
- 4- Teamwork

**3.5-Strategic goals:**

1. Ensuring the application of quality standards and setting standards of excellence in medical and applied sciences, scientific research and community service.

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2. The centrality of the student in the educational process, the partnership with them for life, the consolidation of the principles of national responsibility and faith identity, their care and the development of their capabilities after graduation and during work.
3. Attracting, employing and retaining scholars, cadres and highly specialized talents to gain minds and reverse the trend of "brain drain" in a way that promotes and ensures the creation of thinkers, businessmen and good citizens.
4. Continuous development of the distinguished academic infrastructure and the establishment of modern research and service centers with high efficiency and capable of making a real impact locally and regionally.
5. Enhancing the university's position as a preferred partner for local, regional and international partnership through implementing innovative models of education, exchanging research and knowledge, and providing real and effective outcomes for developing professional practices to benefit from them locally and regionally.

#### 4. Faculty Vision, Mission, and Objectives:

##### Vision:

A contemporary in nursing education locally and regionally.

##### Mission:

Preparing highly qualified nursing cadres that meet the needs of the labor market through advanced educational, research programs and management of health care, that achieve sustainable development and enhance the values of leadership, teamwork and community partnership.

##### Values:

1. Leadership and Influence
2. Excellence and creativity
3. work as one team

##### Faculty Objectives (Educational):

1. Preparing a qualified nursing cadre to meet the needs of public and private hospitals in accordance with comprehensive quality standards
2. Follow the best nursing practices using scientific methods in solving occupational and health problems.
3. Providing continuing education opportunities to keep abreast of developments and contribute to the advancement of the nursing profession.
4. To work on developing the concept of belonging to the homeland by encouraging students and their participation in relevant seminars and conferences
5. Encouraging scientific research that contributes to solving society's problems and stimulating and enhancing students' creative thinking.

Head of Department

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Dr. Huda Al-Sabri

Dean of the Faculty

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### 5. Nursing Program Mission and Objectives:

#### Program Mission:

To graduate competent nurses able to provide high quality of nursing care, research, and community services.

#### Program Objectives:

1. To meet the needs of the hospitals with highly qualified nursing in accordance with comprehensive quality standards
2. Integrate theory and research based knowledge from the arts, humanities, and sciences to develop a foundation for nursing practice
3. Providing continuing education opportunities to keep abreast of developments and contribute to the advancement of the nursing profession and encouraging scientific research that contributes to solving society's problems.
4. Stimulating and enhancing students' creative thinking and life-long learning and be effective communicators and able to work in collegial interprofessional relationships with a variety of partners.
5. Provide care with respect for human dignity and uniqueness of the client, unrestricted by consideration of social, economic status, personal attributes, or the nature of the health problems.
6. Demonstrate ethical, legal and professional accountability in the practice of nursing.

### 6. Program Standards & Benchmarks:

#### Academic Standards:

- 1- Error! Reference source not found.

#### Program Standards: -

##### A. Academic Standards:

- 2- National Academic Reference Standards (NARS) Nursing Education in Egypt (V.2017)
- 3- National Academic Reference Standards (NARS) for Undergraduate Education Programs (V.2022).

##### B. Strategies :-

- 1- University Strategy .
- 2- Faculty Strategy .

##### C. Rules and Regulation :-

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- 1- Higher Education rules
- 2- Student affairs regulation.

**Program Benchmarks:**

1. University of Pittsburgh - School of Nursing, Bachelor of Science Nursing  
<https://www.nursing.pitt.edu/degree-programs/undergraduate-bsn-program>
2. Jordan Science & Technology University (Jordan), Faculty of Nursing , Bachelor of Nursing  
<https://www.just.edu.jo/FacultiesandDepartments/FacultyofNursing/Pages/Mission.aspx>
3. University of South Carolina, School of Nursing , Bachelor of Nursing  
[https://sc.edu/study/colleges\\_schools/nursing/](https://sc.edu/study/colleges_schools/nursing/)
4. King Saud bin Abdulaziz University- College of Nursing , Bachelor of Science Nursing Riyadh  
<https://www.ksau-hs.edu.sa/English/Colleges/Nursing/Riyadh>
5. Jordan University (Jordan) ,Faculty of Nursing, Bachelor of Science Nursing .  
<http://nursing.ju.edu.jo/Home.aspx>
6. Case Western Reserve University - FPB School of Nursing, Bachelor of Science Nursing  
<https://case.edu/nursing/>
7. Hasanuddin University – Faculty of Nursing, Bachelor of Science Nursing  
<https://unhas.ac.id/keperawatan/nursing/?lang=en>
8. Port Said University –School of Nursing, Bachelor of Science Nursing  
<http://nur.psu.edu.eg/index.php?lang=ar>
9. Cairo University – Faculty of Nursing, Bachelor of Science Nursing  
<http://en.nursing-cairo.com/college>

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### 7. Graduate Attributes:

Upon successful completion of an undergraduate nursing program, graduates will be able to:

1. **Professional Disposition:** Embody a professional disposition committed to excellence, equity and sustainability
2. **Person Centered Care:** Engage in person centered care that is appropriately sensitive to the needs of individuals, families and communities
3. **Communication and Collaboration:** Communicate and collaborate effectively and respectfully with diverse groups
4. **Knowledge Use and Translation:** Inquire critically to assess a body of evidence to inform practice
5. **Professional Competence:** Competently apply knowledge and skills to ensure safe and effective nursing practice
6. **Indigenous Cultural Respect:** Demonstrate professional cultural competency which contributes to the health and wellbeing of Indigenous, inclusive of physical, social, emotional and spiritual wellness
7. **Long Life learning:** an approach to learning—whether in personal or professional contexts—that is continuous and self-motivated

### 8. Program Intended Learning Outcomes (PILOs):

#### A. Knowledge and Understanding:

Upon successful completion of the undergraduate Nursing Program, the graduates will be able to:

- A1. Recognize the knowledge from nursing science, other sciences and disciplines to make judgments relative to the practice of nursing that is based on research findings and evidence.
- A2. Demonstrate comprehensive understanding of nursing theory and management principles in providing nursing care to client across the lifespan, and in all healthcare settings
- A3. Identify the acute and chronic illness, and its effects on the bio-psychosocial functioning of individuals, families, and groups.
- A4. Synthesize theories and concepts from liberal education to build an understanding of the human experience into nursing practice

Head of Department

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### B. Cognitive/ Intellectual Skills:

Upon successful completion of the undergraduate Nursing Program, the graduates will be able to:

- B1** Demonstrate skills in critical thinking, problem-solving and decision making in the use of the nursing process in a variety of healthcare settings.
- B2.** Value the ideal of lifelong learning to support excellence in nursing practice
- B3.** Utilize awareness, interest and contribute towards advancement of self and of the profession
- B4.** Implement holistic, evidenced-based, safe patient-centered care across the health illness continuum, across the lifespan, and in all healthcare settings

### C. Practical and Professional Skills:

Upon successful completion of the undergraduate Nursing Program, the graduates will be able to:

- C1** Practice as a professional nurse to facilitate human need fulfillment of individuals, families, groups, communities and populations across the lifespan in a variety of healthcare settings
- C2.** Apply concepts and skills of leadership, management, quality improvement and patient safety in the delivery of high-quality therapeutic nursing interventions for individuals, families, groups, communities
- C3.** Intervene therapeutically to promote, restore, and maintain the health of individuals, families, groups, and communities
- C4.** Provide health education to improve the health of the individuals, families, groups, and communities.

### D. General and Transferable Skills:

Upon successful completion of the undergraduate Nursing Program, the graduates will be able to:

- D1.** Communicate effectively with individuals and groups and members of the health team in order to promote effective interpersonal relationships and teamwork
- D2.** Demonstrate professional, ethical, moral, legal, and spiritual concepts into one's practice within a global environment
- D3.** Conduct research to improve nursing and health services qualities by integrating theory into nursing practice

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D4. Deliver compassionate, patient - centered, evidence - based care that respects patient and family preferences.

11. Teaching Strategy	Description
<b>Interactive lectures</b>	These are interactive lectures weekly conducted in the class and supported with variety of teaching formats including, lectures and multimedia presentations, use of whiteboard to solve examples and illustrating different tasks and problems introduced by the presentation, and class discussions, in which concepts, approaches, and case studies are presented, explored, and shown students what they need to know.
<b>Seminars</b>	Discussion of specific topic by group of students under the observation of the lecturer.
<b>Practical session</b>	In highly equipped labs the student will trained by practicing certain topic.
<b>Training</b>	This training preformed in the hospital by such teaching strategy the students improve their clinical skills.
<b>Discussion</b>	It is interactive measure by which the lecturer explores the level of understanding the subject among students
<b>Self-learning</b>	Improving the knowledge by the student oneself without assistants .
<b>Office hours</b>	By which the lecturer discusses and answer for students' questions.
<b>Presentation</b>	An activity by which the student describes, explain something Infront of group of students.
<b>Case studies (CBL)</b>	Study the clinical cases in depth, training the details of history taking, examination, analysis the gathering data and obtaining diagnosis.
<b>Problem Based Learning (PBL)</b>	A detailed analysis is made of some specific, usually compelling event or series of related events so that learners will better understand its nature and what might be done about it.

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12. Assessment Strategy	Description
<b>Written exam (mid and final terms and quizzes)</b>	Mid-term test is conducted in the 8 <sup>th</sup> week and final exam is conducted at the end of each course. Both tests are closed book, closed notes. quizzes are related to past as well as topics discussed in the period. This helps students develop self-confidence, readiness, and accuracy in major exams.
<b>Final practical exam</b>	Final practical exam is carried on the end of each course in order to examine the student's practical skills.
<b>OSCE &amp; OSPE</b>	OSCE/OSPE stands for "Objective Structured Clinical Examination." OSCEs/OSPEs are very helpful in medical education because they allow a student to practice and demonstrate clinical skills in a standardized medical scenario.
<b>Final oral exam</b>	It's part of the final assessment of the student knowledge by which the examiner gives the question in spoken form.
<b>Research project</b>	At the end of study years, the students have to work in research project in order to achieve bachelor degree.
<b>Homework</b>	Individual assessment
<b>Teamwork</b>	Group assessment

### 13. Alignment of Program Intended Learning Outcomes (PILOs) to Teaching Strategies and Assessment Methods:

PILOs	Teaching Strategy	Assessment Methods
<b>Knowledge and Understanding</b> A1, A2, A3, A1	- Interactive lectures, - Seminars - Discussion - Self learning	- Quizzes - Written Exam - Final Oral Exam
<b>Intellectual Skills</b> B1, B2, B3, B4	- Interactive lectures, - Seminars - Discussion - Case Study (CBL) - Self Learning	- Written Exam - Final Oral Exam

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PILOs	Teaching Strategy	Assessment Methods
	- Office Hour - PBL	
<b>Professional &amp; practical skills</b> C1, C2, C3, C4	- Practical session - Training - Case Study (CBL) - PBL	- Final Clinical Exam - Final Practical Exam - OSCE & OSPE
<b>General &amp; Transferable Skills</b> D1, D2, D3, D4	- Seminars - Discussion - Case Study (CBL) - Self Learning - Presentation - PBL - Oral Discussion	- Assignment - Oral Discussion

#### 14. Project Assessment:

Each project will be assessed as follows:

Item	Marks Distribution
Research Project	70
Discussion	30
<b>Total</b>	<b>100</b>

#### 15. Training Course Assessment (if any):

The training course will be assessed through:

- Log Book
- Case discussion
- Final clinical Exam
- OSCE
- Internship

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## 16. Program Structure:

No	Requirements	No. of Courses	Credit Hours	Rational Weight %	
1.	University Requirements	Compulsory	8	17	9.75%
		Elective	--	--	
2.	Faculty Requirements	Compulsory	30	64	39.63%
		Elective	--	--	
3.	Department Requirements	Compulsory	--	--	--%
		Elective	--	--	
4.	Program Requirements	Compulsory	14	71	49.39%
		Elective	2	10	
5.	Field Training (if any)	Compulsory	--	--	--%
6.	Research Project Courses	Compulsory	1	2	1.23%
Total:			55	164	100%

## 16.1. University Requirements

## a. Compulsory Courses

No.	Level-Sem.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L*	T**	P***	Prerequisites, Co-requisites
1.	1/1	06.11.405	Islamic Culture	ثقافة اسلامية	2	2	0	0	None
2.	1/2	06.03.427	Computer Skills	مهارات الحاسوب	3	2	2	0	None
3.	1/1	06.11.401	Arabic Language 101	لغة عربية 1	2	2	0	0	None
4.	1/2	06.11.402	Arabic Language 102	لغة عربية 2	2	2	0	0	06.11.402
5.	1/1	06.11.403	English Language 101	لغة انجليزية 1	2	2	0	0	None
6.	1/2	06.11.404	English Language 102	لغة انجليزية 2	2	2	0	0	06.11.403
7.	1/2	06.11.407	The Arabic Israeli Conflict	الصراع العربي الاسرائيلي	2	2	0	0	None
8.	1/2	06.11.406	National Culture	الثقافة الوطنية	2	2	0	0	None
Total					17	16	0	2	

\* L= lecture \*\* T=Training in Hospital 3 = 1 Cr.hrs, \*\*\*P= practical in Lab 2 = 1 Cr. hrs

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## 16.2. Faculty Requirements

## a. Compulsory Courses

No.	Level-Sem.	Course Code	Course Name	اسم المقرر	Cr. Hr s.	L	P	T	Prerequisites, Co-requisites
1	1/1	02.02.419	Chemistry	كيمياء عامة	2	2	0	0	None
2	1/1	04.02.424	Medical Ethics	اخلاقيات المهن الطبية	2	2	0	0	None
3	1/2	03.02.420	Biochemistry	كيمياء حيوية	2	2	0	0	02.02.419
4	1/2	05.01.426	Communication Skills	مهارات التواصل	2	2	0	0	None
5	2/1	06.11.409	Psychology	علم نفس	2	2	0	0	None
6	2/2	06.11.401	Medical Sociology	علم الاجتماع الطبي	2	2	0	0	None
7	3/1	06.11.411	Methods of Teaching	طرق التدريس	2	2	0	0	None
8	4/2	05.02.428	Medical Statistics	الاحصاء طبي	2	2	0	0	None
9	4/1	05.02.429	Scientific Research Methodology	اساليب البحث العلمي	2	2	0	0	05.02.428
10	1/1	01.01.404	Anatomy and Histology I	علم التشريح والانسجة 1	3	2	2	0	04.01.412
11	1/2	01.01.401	Anatomy and Histology II	علم التشريح والانسجة 2	3	2	2	0	01.01.404
12	1/2	01.010.403	Physiology	علم وظائف الاعضاء	2	2	0	0	01.01.401
13	2/1	01.02.405	Internal Medicine	طب باطني	2	2	0	0	04.01.403
14	2/1	02.03.416	Basic Pharmacology	الدوية اساسية	2	2	0	0	None
15	2/1	01.02.407	General Surgery	طب جراحي	2	2	0	0	04.01.403
16	2/1	03.02.421	Parasitology	طفيليات	3	2	2	0	None
17	2/2	03.02.422	Microbiology	علم الاحياء الدقيقة	3	2	2	0	03.02.421
18	2/1	01.010.403	Pathology	علم الامراض	2	2	0	0	01.010.403
19	2/2	01.010.403	Pathophysiology	فسلجة مرضية	2	2	0	0	01.010.403
20	2/2	01.01.409	Medical specialties	اختصاصات طبية	2	2	0	0	04.01.416
21	2/2	03.02.423	Genetics	علم الجينات	2	2	0	0	03.02.422
22	2/2	02.03.417	Applied Pharmacology	ادوية تطبيقية	2	2	0	0	02.03.416

Head of Department

DR. Faris Mahdi

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23	3/1	01.02.412	Gynecology	طب النساء	2	2	0	0	04.02.428
24	3/1	03.01.317	Basic Nutrition	تغذية أساسية	2	2	0	0	03.02.420
25	3/1	01.02.408	Epidemiology	علم الوبئة	2	2	0	0	None
26	3/2	01.02.413	Pediatrics	طب الأطفال	2	2	0	0	04.02.429
27	3/2	04.01.417	Applied Nutrition	تغذية تطبيقية	2	2	0	0	03.01.317
28	4/2	04.02.435	Nursing informatics	معلوماتية التمريض	2	2	0	0	06.03.427
29	4/1	01.02.406	Forensic Medicine & Poisoning	طب شرعي وسموم	2	2	0	0	04.01.413 04.01.403
30	1/1	06.11.408	Medical Physics	فيزياء طبية	2	2	0	0	None
31	1/1	04.01.412	Medical terminology	مصطلحات طبية	2	2	0	0	06.11.403
Total					65	60	10	0	

### 16.3. Program Requirement

#### a. Compulsory Courses

No.	Level-Sem.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	T	P	Prerequisites, Co-requisites
1	1/1	04.01.411	Fundamentals of Nursing 1	اساسيات تمريض 1	6	4	0	4	None
2	1/2	04.01.413	Fundamentals of Nursing 2	اساسيات تمريض 2	6	4	0	4	04.01.411
3	2/1	04.01.403	Med-Surg Nursing 1	تمريض الباطني الجراحي 1	8	3	0	14	04.01.413
4	2/2	04.01.416	Med-Surg Nursing 2	تمريض الباطني الجراحي 2	8	3	0	14	04.01.403
5	2/2	04.02.427	Health education & promotion	التثقيف والتعزيز الصحي	2	2	0	0	None
6	2/1	04.01.415	Health Assessment	تقييم طبي	3	2	0	2	01.010.403
7	3/1	04.02.428	Maternal health Nursing	تمريض صحة الأم	6	3	0	8	04.01.416
8	3/1	04.01.417	Critical Care Nursing	تمريض عناية حرجة	6	3	0	8	04.01.416
9	3/2	04.02.429	Pediatric Nursing	تمريض الأطفال	6	3	0	8	04.02.428
10	3/2	04.02.430	Community health nursing	تمريض صحة المجتمع	6	3	0	8	04.02.427
11	4/1	04.02.431	Mental Health Nursing	تمريض صحة نفسية	5	3	0	6	06.11.409

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No.	Level-Sem.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	T	P	Prerequisites, Co-requisites
12	4/1	04.01.422	Geriatric Nursing	تمرير مسنين	2	2	0	0	04.01.416
13	4/2	04.02.433	Nursing Services Management	ادارة خدمات التمريض	5	2	9	0	05.01.426
Total					71	39		85	

## b. Elective Courses:

No.	Level-Sem.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	T	P	Prerequisites, Co-requisites
1	4/1	04.01.419	Special selective (Operation Theater Nursing 1)	اختياري تخصصي (تمريض العمليات 1)	5	2	6	2	04.01.416
2	4/1	04.01.432	Special selective (Maternity Nursing 1)	اختياري تخصصي (تمريض النسائية 1)					04.02.428
3	4/1	04.02.421	Special selective (Medical surgical Nursing 1)	اختياري تخصصي (تمريض الباطني الجراحي 1)					04.01.416
4	4/1	04.01.420	Special selective (Critical Care Nursing1)	اختياري تخصصي (تمريض الحالات الحرجة 1)					04.01.417
5	4/2	04.01.425	Special selective (Critical Care Nursing 2)	اختياري تخصصي (تمريض الحالات الحرجة 2)	5	2	6	2	04.01.420
6	4/2	04.01.424	Special selective (Operation Theater Nursing 2)	اختياري تخصصي (تمريض العمليات 2)					04.01.419
7	4/2	04.01.434	Special selective (Maternity Nursing 2)	اختياري تخصصي (تمريض النسائية 2)					04.01.432
8	4/2	04.02.426	Special selective (Medical surgical Nursing 2)	اختياري تخصصي (تمريض الباطني الجراحي 2)					04.02.421
Total					10	4	12	4	

## 16.4. Research Project Courses

No	Level-Sem.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	T	P	Prerequisites, Co-requisites
1	4/2	04.01.423	Graduate Research project	مشروع بحث التخرج	2	0	0	6	05.02.429
Total					2	0	6	0	

Head of Department      Quality Unit      Dean of the Faculty      Dean Center of Quality Assurance  
 DR. Fares Mandi      Dr. Huria Al-Sabri      Dr. Abdul-Hameed Althaifani      Dr. Munzer Al-Wesabi



## Level 2

Term 1									
No.	Level-Sem.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	P	T	Prerequisites, Co-requisites
1	1/2	04.01.403	Med-Surg Nursing I	تمرير الباطني الجراحي I	8	3	2	12	04.01.413
2	1/2	01.02.405	Internal Medicine	طب باطني	2	2	0	0	04.01.403
3	1/2	06.11.409	Psychology	علم نفس	2	2	0	0	None
4	1/2	02.03.416	Basic Pharmacology	ادوية أساسية	2	2	0	0	None
5	1/2	01.02.407	General Surgery	طب جراحي	2	2	0	0	04.01.403
6	1/2	04.01.415	Health Assessment	تقييم طبي	3	2	2	0	01.010.403
7	1/2	03.02.421	Parasitology	طفيليات	3	2	2	0	None
8	1/2	01.01.305	General Pathology	علم امراض	2	2	0	0	01.010.403
Total					24	17	6	12	

Term 2									
No.	Level-Sem.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	P	T	Prerequisites, Co-requisites
1	2/2	04.01.416	Med-Surg nursing II	تمرير الباطني الجراحي 2	8	3	2	12	04.01.403
2	2/2	04.02.427	Health education & promotion	التثقيف والتعزيز الصحي	2	2	0	0	None
3	2/2	06.11.401	Medical Sociology	علم الاجتماع الطبي	2	2	0	0	None
4	2/2	03.02.422	Microbiology	علم الأحياء الدقيقة	3	2	2	0	03.02.421
5	2/2	01.01.409	Medical specialties	اختصاصات طبية	2	2	0	0	04.01.416
6	2/2	04.02.437	Pathophysiology	الفسلجة المرضية	2	2	0	0	01.01.305
7	2/2	03.02.423	Genetics	علم الجينات	2	2	0	0	03.02.422
8	2/2	02.03.417	Applied pharmacology	ادوية تطبيقية	2	2	0	0	02.03.416
Total					23	17	4	12	

Head of Department    Quality Unit    Dean of the Faculty    Dean Center of Quality Assurance

DR.Fares Mahdi    Dr.Huria Al-Sabeh    Dr. Abdul-Hameed Althaifani    Dr.Muneer Al-Wesabi



## Level 3

Term 1									
No.	Level-Sem.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	P	T	Prerequisites, Co-requisites
1	3/1	04.02.428	Maternal health Nursing	تمريض صحة الأم	6	3	2	6	04.01.416
2	3/1	01.02.412	Gynecology	طب النساء	2	2	0	0	04.02.428
3	3/1	04.01.417	Critical Care Nursing	تمريض عناية حرجة	6	3	2	6	04.01.416
4	3/1	06.11.411	Methods of Teaching	طرق التدريس	2	2	0	0	None
5	3/1	03.01.317	Basic Nutrition	تغذية أساسية	2	2	0	0	03.02.420
6	3/1	01.02.408	Epidemiology	علم الوبئة	2	2	0	0	None
Total					20	14	4	12	

Term 2									
No.	Level-Sem.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	P	T	Prerequisites, Co-requisites
1	3/2	04.02.429	Pediatric Nursing	تمريض الاطفال	6	3	2	6	04.02.428
2	3/2	01.02.413	Pediatrics	طب الاطفال	2	2	0	0	04.02.429
3	3/2	05.02.428	Medical Statistics	الإحصاء طبي	2	2	0	0	None
4	3/2	04.02.430	Community health nursing	تمريض صحة المجتمع	6	3	2	6	04.02.427
5	3/2	04.01.417	Applied Nutrition	تغذية تطبيقية	2	2	0	0	03.01.317
Total					18	12	4	12	

Head of Department    Quality Unit    Dean of the Faculty    Dean Center of Quality Assurance  
 DR.Faris Mahdi    Dr.Hurra Al-Sabri    Dr. Abdul-Hameed Althaifani    Dr.Muneer Al-Wesabi



## Level 4

Term 1									
No.	Level-Sem.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	P	T	Prerequisites, Co-requisites
1	4/1	04.02.431	Mental Health Nursing	تمريض صحة نفسية	5	3	0	6	06.11.409
2	4/1	05.02.429	Scientific Research Methodology	اساليب البحث العلمي	2	2	0	0	None
3	4/1	04.01.419	Special selective (Operation Theater Nursing 1)	اختياري تخصصي (تمريض العمليات 1)	5	2	2	6	04.01.416
4	4/1	04.01.432	Special selective (Maternity Nursing 1)	اختياري تخصصي (تمريض النسائية 1)					04.02.428
5	4/1	04.02.421	Special selective (Medical surgical Nursing 1)	اختياري تخصصي (تمريض الباطني الجراحي 1)					04.01.416
6	4/1	04.01.420	Special selective (Critical Care Nursing 1)	اختياري تخصصي (تمريض الحالات الحرجة 1)					04.01.417
7	4/1	01.02.406	Forensic Medicine & toxicology	طب شرعي وسموم	2	2	0	0	
8	4/1	04.01.422	Geriatric Nursing	تمريض مسنين	2	2	0	0	04.01.416
Total					16	11	2	12	

Term 2									
No.	Level-Sem.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	P	T	Prerequisites, Co-requisites
1	4/2	04.02.433	Nursing Services Management	ادارة خدمات التمريض	5	2	2	6	None
2	4/2	04.01.423	Graduate Research project	مشروع بحث التخرج	2	0	0	6	05.02.429
3	4/2	04.01.424	Special selective (Operation Theater Nursing 2)	اختياري تخصصي (تمريض العمليات 2)	5	2	2	6	04.01.419
4	4/2	04.01.434	Special selective (Maternity Nursing 2)	اختياري تخصصي (تمريض النسائية 2)					04.01.432
5	4/2	04.02.426	Special selective (Medical surgical Nursing 2)	اختياري تخصصي (تمريض الباطني الجراحي 2)					04.02.421
6	4/2	04.01.425	Special selective (Critical Care Nursing 2)	اختياري تخصصي (تمريض الحالات الحرجة 2)					04.01.420
7	4/2	04.02.435	Nursing informatics	معلوماتية التمريض	2	2	0	0	06.03.427
Total					14	6	4	18	

Head of Department      Quality Unit      Dean of the Faculty      Dean Center of Quality Assurance  
 DR. Fares Mohdi      Dr. Hania Al-Sabri      Dr. Abdul-Hameed Althaifani      Dr. Muneer Al-Wesabi



**18. Distribution of Total Credit Hours:**

**19. Distribution of Total Credit Hours:**

Level	Term	University Requirements		Basic Requirements		Faculty Requirements		Program Requirements		Program Electives		Training		Project		Total Cr. Hrs.		Total Cr. Hrs./Level
		No. of Courses	Credit Hours	No. of Courses	Credit Hours	No. of Courses	Credit Hours	No. of Courses	Credit Hours	No. of Courses	Credit Hours	No. of Courses	Credit Hours	No. of Courses	Credit Hours	No. of Courses	Credit Hours	
First	First	4	8	-	-	2	4	2	8	-	-	-	-	-	-	9	23	29.8%
	Second	4	8	-	-	2	4	2	9	-	-	-	-	-	-	10	26	
Second	First	-	-	-	-	1	2	5	18	-	-	-	-	-	-	8	24	28.7%
	Second	-	-	-	-	1	4	5	19	-	-	-	-	-	-	8	23	
Third	First	-	-	-	-	1	2	3	8	-	-	-	-	-	-	6	20	23.2%
	Second	-	-	-	-	1	2	3	8	-	-	-	-	-	-	5	18	
Fourth	First	-	-	-	-	1	2	3	8	1	3	-	-	-	-	5	16	18.3%
	Second	-	-	-	-	1	2	3	8	1	3	-	-	1	2	4	14	
<b>Total:</b>		<b>8</b>	<b>16</b>	<b>-</b>	<b>-</b>	<b>30</b>	<b>65</b>	<b>14</b>	<b>71</b>	<b>2</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>2</b>	<b>55</b>	<b>164</b>	
<b>Percentage :</b>		<b>9.8%</b>		<b>---</b>	<b>---</b>	<b>39.6%</b>		<b>43.3%</b>		<b>6.1%</b>		<b>---</b>		<b>1.2%</b>		<b>100%</b>		

**20. Admission/Selection/Transfer Requirements:**

1. Admissions to the program should be made as per the admission rules set by the Ministry of Higher Education and Scientific Research as well as 21 September University of Medical & Applied Sciences admission guidelines.
  2. General Secondary school certificate (Science Section) or any equivalent certificate with grade as specified in the admission rules made by Ministry of Higher Education and Scientific Research.
  3. Pass acceptance exam
  4. Pass the aptitude test and personal interview if any.
- Any necessary requirement for specialization, decided by the Faculty.

**21. Graduation Requirements:**

1. Student attendance should not be less than 75%.
2. Student will graduate after successfully passing all program requirements.
3. Total credit hours for the program are 164 credit hours.
4. Minimum score for any student to pass any credit hours course is 65% marks.

Head of Department      Quality Unit      Dean of the Faculty      Dean Center of Quality Assurance  
 DR. Faris Mahdi      Dr. Hürriye Al-Salhi      Dr. Abdul-Hameed Althaifani      Dr. Duneer Al-Wesabi



22. Grading System:	
From 90% to 100% of total marks	Excellent
From 80% to less than 90%	Very Good
From 70% to less than 80%	Good
From 65% to less than 70%	Pass
Less than 65%	Poor/Fail

23. Facilities Required for Running the Program:
<ol style="list-style-type: none"> <li>1. Sufficient Classrooms furnished with all necessary pieces and equipment.</li> <li>2. Drawing hall.</li> <li>3. Labs. as per the courses specifications.</li> <li>4. Computer Labs.</li> <li>5. Academic and administrative staff offices.</li> </ol>

24. Program Assessment:			
	Type of the Sample who Assess the program	Instruments used	Sample
1	Sample of 50 of the 4 <sup>th</sup> year Students	Program ILOs Questionnaire sheet	50
2	Sample of 10 Graduates	Program ILOs Questionnaire sheet	10
3	Sample of 10-15 Stake holders	Program ILOs Periodic meeting	10-15
4	One Faculty members from other University (Dean or vice dean) for the program	Program evaluation tool Course evaluation tool	5
5	Others methods, faculty member for each Emergency Medicine course from other universities as external examiner	Program evaluation tool Course evaluation tool	2

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