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Republic of Yemen Ministry of Higher
Education & Scientific Research Council for
Accreditation & Quality Assurance
21 September University for Medical and
Applied Sciences



الجمهورية اليمنية
وزارة التعليم العالي والبحث العلمي
مجلس الاعتماد وضمان جودة التعليم العالي
جامعة 21 سبتمبر للعلوم الطبية والتطبيقية

Template for Master Program Specification

وثيقة مواصفات برنامج ماجستير

University: 21 September for Medical and Applied Sciences

Faculty: Nursing

Postgraduate Studies in Nursing

Master in Maternal and Neonatal Health Nursing (MMNHN)

ماجستير تمرير صحة الام وحديثي الولادة

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الكلية: التمريض

الجامعة: جامعة 21 سبتمبر للعلوم الطبية والتطبيقية

Introduction

This Master Maternal and Neonatal Health Nursing (MMNHN) in is designed to assist the student in developing expertise and in- depth understanding in the field of Maternal and neonatal health Nursing. It will help the student to develop advanced nursing skills for nursing interventions in various maternal and neonatal health conditions. It will further enable the students to function as midwifery nurse practitioner/ specialist, educator, manager and researcher in the field of maternal and neonatal health nursing.

Program Identification and General Information

1	اسم البرنامج والدرجة العلمية:	ماجستير تمريض صحة الام وحديثي الولادة
2	الجهة المسؤولة عن منح الدرجة العلمية (الكلية/المركز/المعهد):	كلية التمريض - جامعة 21 سبتمبر للعلوم الطبية والتطبيقية
3	الجهة المسؤولة عن تنفيذ البرنامج (القسم العلمي):	قسم تمريض النساء والتوليد
4	الأقسام العلمية المشاركة في تنفيذ البرنامج:	قسم تمريض الاطفال
5	لغة الدراسة في البرنامج:	اللغة الانجليزية
6	عام البدء بالدراسة (للبرامج الجديدة):	2022 - 2023م
7	أسلوب الدراسة في البرنامج :	انتظام
8	نوع برنامج الماجستير	مقررات دراسية ورسالة
9	مكان تنفيذ البرنامج (في الجامعة أم خارجها):	جامعة 21 سبتمبر
10	نظام الدراسة في البرنامج:	فصلي
11	الزمن الكلي للبرنامج:	سنتين
12	المهنة/ المهنة التي يعد البرنامج الخريج للالتحاق بها:	تمريض صحة الام والتوليد
13	مستوى/ مستويات التأهيل المستهدفة في البرنامج:	دبلوم
14	الموئل المطلوب للالتحاق بالبرنامج:	بكالوريوس تمريض - بكالوريوس قبالة
15	المعدل/ التقدير المطلوب للالتحاق بالبرنامج:	جيد
16	شروط أخرى:	حسب لائحة وزارة التعليم العالي والبحث العلمي وجامعة 21 سبتمبر للعلوم الطبية والتطبيقية
17	اسم منسق البرنامج:	أ.د. عبد السلام محمد دلاق أ.د. نبيل احمد الربيعي
18	تاريخ آخر اعتماد لمواصفات البرنامج:	جديد

علاء

الرئيس



University Vision, Mission and Aims
University Vision
University Mission
Aims of the University

Postgraduate Vision, Mission and Objectives
Postgraduate Vision
Contemporary postgraduate studies with the quality of its program and outputs locally and regionally
Postgraduate Mission
The vice-rectorship for postgraduate studies and scientific research seeks to prepare and implement qualitative applied scientific programs with the aim of preparing distinguished researchers who contribute to address the problems of society.
Objectives of the Postgraduate strategies
<ol style="list-style-type: none">1. Established qualitative postgraduate programs that attract graduate of local and regional universities.2. Continuous development and update of postgraduate programs in accordance with quality standards.3. Prepare distinguish researchers through continuing education program and developing research skills.4. Partnership with similar scientific institution in scientific research.5. Developing the infrastructure human and finance for postgraduate program and scientific research in accordance with the standards of academic accreditation.6. Automating the system od postgraduate studies and scientific research and activating electronic link.7. Attracting the skilled academics and researchers from the internal and external environment.



Faculty Vision, Mission and Aims

Faculty Vision

Contemporary leadership in nursing sciences locally and regionally.

Faculty Mission

Preparing highly qualified nursing cadres that meet the needs of the labor market through educational and research programs

Faculty Aims

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 opportunities for continuing education to keep pace with developments, contribute to the advancement of the nursing profession, and stimulate and enhance creative thinking among students.
4. Work on developing the concept of belonging to the homeland by encouraging students, and their participation in relevant seminars and conferences.
5. Encouraging effective participation in university activities and community service programs.
6. Encouraging scientific research that contributes to solving community problems.

Department Mission and Aims

Department Mission

Preparing highly qualified nursing cadres that meet the needs of the labor market through educational and research programs and contributing in developing and serving the community.

Department Aims

1. Offer academic programs high level in postgraduates studies matching the quality and academic accreditation standards.
2. Encouraging scientific research that contributes to solving community problems.
3. Equip students with advanced knowledge and skills to underpin a detailed understanding of a range of critical care nursing.
4. Facilitate the development of critical appraisal skills in the application of contemporary knowledge in the care of critically ill patients
5. Enable the development of students' ability to deal with a range of complex clinical situations in relation to their practice and to enhance clinical decision making.
6. Prepares critical care nurse specialists who meet the requirements of evidence-based critical care nursing practice.
7. Develop future specialist nurses who are prepared to offer leadership and excellence.



Program Mission and Aims

Program Mission

Preparing highly qualified maternal and neonatal health nursing specialized that meet the needs of the labor market through educational and research programs and contributing in developing and serving the community.

Program Aims

On Completion of the MMNHN program, the graduate will be able to:

1. Equip students with advanced knowledge and skills to underpin a detailed understanding of a range of maternal and neonatal health nursing.
2. Facilitate the development of critical appraisal skills in the application of contemporary knowledge in the care of women & their neonate.
3. Enable the development of students' ability to deal with a range of complex clinical situations in relation to their practice and to enhance clinical decision making.
4. Engage in critical evaluation of evidence informing clinical decision making
5. Provide students with the scope for original enquiry in relation to their area of practice.
6. Facilitate the personal and professional development of the students, so that they are able to demonstrate a critical reflective, enquiring and innovative approach to practice.

Program Benchmarks

The design of the MMNHN program has been developed with reference to a number of programs, policies and strategies.

Policies and strategies

1. Council for Accreditation of quality Assurance Standards for first level. Council for Accreditation and quality Assurance. Yemen Republic
2. www.nmc.org.uk. Standards framework for nursing and midwifery education.UK

Reference program

1. MSc in maternal and neonatal health nursing. College of nursing. Mutah University. Jordan.
2. National Open University of Nigeria - nursing Maternal and child health
3. MSc in maternal and newborn health. College of postgraduate studies. Jordan university of science and technology. Jordan.
4. Master degree of Midwifery. King College London
5. MSc in maternal and neonatal health nursing. College of nursing. Jordanian University. Jordan.
6. Master degree of midwifery- University of Hertfordshire- UK

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ملخص مسح البرامج المرجعية المماثلة للبرنامج الحالي

البرنامج الحالي	البرامج المرجعية المماثلة						البيانات المطلوبة
	البرنامج السادس	البرنامج الخامس	البرنامج الرابع	البرنامج الثالث	البرنامج الثاني	البرنامج الاول	
Master in Maternal & Neonatal Health Nursing	Master degree of midwifery	Master degree of midwifery	ماجستير صحة الام وحديثي الولادة	Master in Maternal and Child health nursing	ماجستير تمريض صحة الام وحديثي الولادة-	ماجستير تمريض صحة الام وحديثي الولادة	اسم البرنامج:
التمريض	King College London	التمريض	كلية الدراسات العليا - التمريض	التمريض	التمريض	التمريض	اسم الكلية/ المركز/ المعهد:
21 سبتمبر	King College London	Hertfordshire	العلوم والتكنولوجيا الاردنية	National Open University	الجامعة الاردنية	جامعة مونة	اسم الجامعة:
اليمن	بريطانيا	بريطانيا	الاردن	Nigeria	الاردن	الاردن	اسم الدولة:
مقررات واطروحة			مقررات واطروحة	مقررات واطروحة	مقررات واطروحة	مقررات واطروحة	طبيعة الدراسة في البرنامج
انتظام	انتظام	انتظام	انتظام	عن بعد	انتظام	انتظام	اسلوب الدراسة في البرنامج
4	4	4	4	4	4	4	عدد الفصول الدراسية
33			25				اجمالي عدد الساعات المعتمدة للبرنامج (بدون اطروحة)
33			15				عدد الساعات المعتمدة للمقررات الاجبارية
---			10				عدد الساعات المعتمدة للمقررات الاختيارية
11			6				عدد المقررات الاجبارية
---			12				عدد المقررات الاختيارية
---	---	---	---	---	---	---	وجود مقررات إضافية تكميلية للالتحاق بالبرنامج وعددها
6			9				عدد الساعات المعتمدة للاطروحة
39			34 ساعة				عدد الساعات المعتمدة



							(مقررات + أطروحة)
12 شهر	12 شهر	12 شهر	12 شهر			12 شهر	المدة المحددة لإنجاز الأطروحة
24 شهر	24 شهر	24 شهر	24 شهر			24 شهر	الحد الأدنى لإنهاء البرنامج
36 شهر	36 شهر	36 شهر	36 شهر			36 شهر	الحد الأعلى لإنهاء البرنامج

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Intended Learning Outcomes (ILOs)

مخرجات التعلم المقصودة للبرنامج

Knowledge and Understanding (A)

The students will have knowledge & understanding of

Etiology, pathophysiology clinical manifestations, diagnostic assessment complications and management of women with obstetric and gynecological conditions and newborn disorders.	A1
A comprehensive range of strategies to promote and provide safe and effective evidence –based care and management options for providing care for women and their neonate.	A2
Administrative and intellectual leadership in their profession and the disciplines contained within.	A3
Specific research and method of analyze related to the field of maternal and neonatal health nursing	A4
Principles of mother and their newborn assessment, physical and neurological and high-risk women and newborn.	A5
The pharmacological agents and/or treatments during antepartum, intrapartum and postpartum and for newborn.	A6

Intellectual Skills (B)

On Completion of the MMNHN program, the graduate will be able to:

Evaluate expected outcomes of nursing care for clients experiencing selected gynecological problems and complications.	- B1
Interpret patients' clinical findings and laboratory data in order to diagnose common diseases and syndromes for woman and their newborn.	- B2
Integrate discipline specific knowledge, primarily derived from alternative practices and academic disciplines.	- B3
Analyze new and abstract data, literature & research to inform the practice of maternal & neonatal health nursing.	-B4

Professional and Practical Skills (C)

On Completion of the MMNHN program, the graduate will be able to:

Utilize the nursing process to provide nursing care for maternal and neonatal clients.	C1
Use assessment procedures pertaining to complex in pregnancy, labour and postpartum and newborn.	C2
Initiate and evaluate the management of women and babies with obstetric or neonatal complications including following physiological examination of the baby.	C3
Apply specific research related to the field of maternal and childbirth	C4
Demonstrate the principles and practice of safe and effective maternal and neonatal nursing management.	C5

General and Transferable Skills(D)

On Completion of the MMNHN program, the graduate will be able to:

Use effective communication and leadership skills in interprofessional teams to promote positive change in the health care of women, newborns and families.	-D1
Use information systems and other technologies to improve the quality and safety of health care for women and newborns.	-D2
Works effectively within the team, applying the principles of clinical governance to maternal & neonatal health nursing practice.	-D3
Demonstrate the complexities of professional, ethical and legal perspectives relating to maternal and child health nursing practice, incorporating sensitivity to diversity and cultural issues.	-D4

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هيكل البرنامج:

يتكون هيكل البرنامج من المتطلبات التالية:

الوزن النسبي %	الساعات المعتمدة	عدد المقررات	المتطلبات
	--	--	مقررات استدرابية
84.6%	33	11	مقررات إجبارية
	--	--	مقررات اختيارية
15.4%	6	1	الرسالة
%100	39	12	الإجمالي

وفيما يلي تفصيل بمتطلبات هيكل البرنامج:

أولاً: المقررات الاستدرابية للبرنامج: لا يوجد

ثانياً: المقررات الإلزامية:

المتطلبات القبليّة Pre-Requisites	إجمالي الساعات المعتمدة للمقرر	عدد الايام الدراسية للمقرر	الساعات المعتمدة Credit Hours				رمز المقرر Code/ NO.	اسم المقرر Course Title	
			الاجمالي Total C.H	تمارين/ سماز Tut.	عملية Pr.	نظرية Th.			
----	48		3		1	2	MNSG01	SPSS statistics	1
----	32		2			2	MNSG02	Management and leadership in nursing	2
MNSG01	32		2			2	MNSG03	Research methodology	3
-----	32		2			2	MNSG04	Professional ethics	4
-----	48		2		1	1	MMNHN01	Advanced Health Assessment	5
MMNHN01,06 and 07	144		5		2	3	MMNHN02	Maternal health nursing I	6
MMNHN01,06 and 07	128		4		2	2	MMNHN03	Neonatal health nursing I	7
MMNHN01,02,06 and 07	144		5		2	3	MMNHN04	Maternal health nursing II	8
MMNHN01,03,06 and 07	128		4		2	2	MMNHN05	Neonatal health nursing II	9
-----	32		2			2	MMNHN06	Clinical pharmacology	10
-----	32		2			2	MMNHN07	Advanced Pathophysiology	11
	800	-	33		10	23	إجمالي الساعات المعتمدة		

ثالثاً: رسالة الماجستير

على الطالب اعداد ومناقشة رسالة علمية بواقع (6) ساعات معتمدة

SN	Code	Course	Credits hours
1.	MMNHN08	Master Thesis	6

خارطة المنهج (تسكين/ موازنة مخرجات التعلم مع مقررات البرنامج):

Intended Learning Outcomes Mapping (Curriculum Map)

تكتب مخرجات تعلم البرنامج الفرعية، وترفق مع وثيقة مواصفات البرنامج. ويتم بعد ذلك اعتمادها كأساس لكتابة خارطة المنهج.
ويتم رسم خارطة المنهج من خلال جدول يضم المقررات الدراسية للمنهج البرنامج، وتوضيح علاقة أو اسهام كل منها، في تحقيق مخرجات تعلم البرنامج الأكاديمي.

ملحق () مصفوفة تسكين مخرجات التعلم للبرنامج في مقررات دراسية (خارطة المنهج).

جدول يوضح مصفوفة خارطة المنهج للبرنامج

Program ILOs																		المقررات Courses	
D 4	D 3	D 2	D 1	C 5	C 4	C 3	C 2	C 1	B 4	B 3	B 2	B 1	A 6	A 5	A 4	A 3	A 2		A 1
X		X					X		X			X			X			X	MNSG01
X	X		X							X							X		MNSG02
X		X			X				X						X				MNSG03
	X									X						X		X	MNSG04
							X				X			X				X	MMNHN 01
	X		X	X		X	X	X			X		X	X				X	MMNHN 02
	X					X	X	X		X	X	X	X	X			X	X	MMNHN 03
	X		X	X		X	X	X			X	X		X		X		X	MMNHN 04
X	X					X	X	X		X	X		X	X			X	X	MMNHN 05
X	X			X							X							X	MMNHN 06
			X								X							X	MMNHN 07
X		X	X		X				X	X					X				MMNHN 08

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10. Learning & teaching strategy

Teaching strategies	Description
1. Lecture: It is the most frequently employed teaching method to convey knowledge and explain theories to students in large groups or in sessions, which consist of more than one group gathered in one classroom.	Used in all courses (MNSG and MMNHN)
2. Lecture - Discussion: a short lecture/ address followed by Formal or informal discourse on topics usually primed by leading and/or open-ended questions.	Used in all courses (MNSG and MMNHN)
3. Seminars: these are mainly used with small groups of students in which they find better chances for discussing and participating in the teaching process.	Used in all courses (MNSG and MMNHN)
4. IT laboratory sessions: average number of students in session (20-30) students	Used in course (MNSG01)
7. Demonstration: Faculty show how a skill should be performed or students are observed as they perform a skill.	Used in all specialty courses (MMNHNH)
8. Student Presentation: Research shows peer teaching is an active learning strategy that results in significant gains in learning. Students practice professional roles and improve communication skills.	Used in all courses (MNSG and MMNHN)
9. Role Plays: Students assume one of the characters in a simulated situation in order to experience different points of view or positions.	Used only in all specialties courses (MMNHN)
10. Brainstorming: Used most often with groups, brainstorming is a technique for refining the definition of a problem, generating multiple solutions to a problem or multiple designs for developing something new, and to identify possible threats to the solutions and designs. It promotes creative and critical thinking.	Used in all courses (MNSG and MMNHN)
12. Case study: 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.	Used only in all specialties courses (MMNHN)
13. Clinical practices: Observations made or work carried on in a natural setting.	Used only in all specialties courses (MMNHN)

Assessment Strategies		استراتيجيات التقييم
Item	Marks Distribution	Schedule
Presentation	10	4 th - 15 th week
Assignments	20	2 th - 14 th week
Mid-term exam	20	7 th or 8 th week
Final-exam	50	16 th - 17 th week
Total Weight of the Course	100	

نظام واسلوب الدراسة في البرنامج:	
نظام الدراسة:	انتظام
اسلوب الدراسة:	مقررات واطروحة
مدة البرنامج:	24 شهر
عدد الساعات لإكمال البرنامج:	39 ساعة معتمدة

الخطة الدراسية للبرنامج Study Plan

First Semester		الفصل الأول						
المتطلبات القبليّة Co- Requested	الساعات المعتمدة CH			رمز المقرر Code / No	اسم المقرر Course Title			
	Total C.H.	تمارين/ سمنار Tut.	عملي Pr.				نظري Th.	
----	2			2	MMNHN06	Clinical pharmacology	علم الادوية السريرية	1
----	2		1	1	MMNHN01	Advanced Health Assessment	التقييم الصحي المتقدم	2
-----	3		1	2	MNSG01	SPSS Statistics	التحليل الاحصائي باستخدام SPSS	3
----	2			2	MMNHN07	Advanced pathophysiology	الفسلجة المرضية المتقدم	4
MMNHN01,06 and 07	5		2	3	MMNHN02	Maternal health nursing I	تمريض صحة الام I	5
MMNHN01,06 and 07	4		2	2	MMNHN03	Neonatal health nursing I	تمريض صحة حديثي الولادة I	6
	18		6	12	Total Credit Hours			اجمالي الساعات المعتمدة

Second Semester		الفصل الثاني						
المتطلبات القبليّة Pre- Requested	الساعات المعتمدة CH			رمز المقرر Code / No	اسم المقرر Course Title			
	Total C.H.	تمارين/ سمنار Tut.	عملي Cli.				نظري Th.	
MMNHN01,02,06 and 07	5		2	3	MMNHN04	Maternal health nursing II	تمريض صحة الام 2	1
MMNHN01,03,06 and 07	4		2	2	MMNHN05	Neonatal health nursing II	تمريض صحة حديثي الولادة 2	2
MNSG01	2			2	MNSG03	Research methodology	مناهج البحث	3
-----	2			2	MNSG02	Management and leadership in nursing	الإدارة والقيادة في التمريض	4
----	2			2	MNSG04	Professional ethics	أخلاقيات المهنة	5
	15		4	11	Total Credit Hours			اجمالي الساعات المعتمدة

Second Year: First and Second Semester

Credit Hours	الساعات المعتمدة	رمز المقرر/Code / No	اسم المقرر/Course Title
6		MMNHN09	رسالة التخصّص

متطلبات/ شروط القبول في البرنامج	Admission Requirements for the Program
التخصصات المطلوبة:	الحاصلين على بكالوريوس تمريض أو بكالوريوس قبالة
المعدل/ التقدير المطلوب	جيد
درجة اللغة المطلوبة TOEFL / IBT	TOEFL قبل مناقشة الرسالة
مهارات الحاسوب (ICDL)	لا
شروط أخرى: مثل (اختبار القبول/ المقابلة الشخصية)	اختبار قبول ومقابلة شخصية

متطلبات التخرج من البرنامج	Graduation Requirements
ينبغي تحديد متطلبات التخرج بدقة ووضوح ويمكن الاستعانة بالإرشادات الآتية:	
إجمالي الساعات المطلوبة للتخرج: 39 ساعة معتمدة	
الحد الأدنى من الدرجات اللازمة للنجاح بالنسبة لكل مقرر من المقررات الدراسية للبرنامج: 65%	
إجمالي الدرجات أو التقديرات المطلوبة للتخرج: 75%	

Eligibility for Admission

Admissions to the program shall be made as per the admission rules made by Ministry of higher education and scientific research-Yemen Republic and 21 September University for Medical and Applied Sciences

1. Specialties allowed to enroll in this plan are holders of the Bachelor Degree in Nursing or Midwifery of any university.
2. Have a minimum of one years of experience after obtaining B.Sc. Nursing and midwifery (basic) in hospital or nursing educational institutions or community health setting.
3. Satisfactory outcome of an interview evaluating background and suitability for a clinical health Specialist.

Regulations for Progression and Program Completion

- Attendance required for admission to examination
- No candidate shall be permitted to appear in any one of the parts of MMNHN Degree course Examinations unless he/she has attended the course in the subject for the prescribed period in an affiliated institution recognized by this University.
- A candidate is required to put in a minimum of 75% of attendance in both theory and practical separately in each subject before admission to the examinations.
- If the candidate is lacking attendance in any one of the subject(s), he/she will be detained for the subject(s) in whom the candidate lacks attendance but will be permitted to appear for the rest of the subjects in which the candidate is having minimum required percentage of attendance.

Program Completion

- Master in MMNHN is offered as a one-year full time course and one year for thesis. Students need to complete 39 credits hours in order to obtain the MMNHN.
- However, the student may still be transferred if he/she has failed in not more than two subjects.

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- Total pass degree for study year is 75% in case the student less than 75% he/she awarded diploma degree.

Graduation requirements

The number of hours required to complete the program: 39 credits hours

Degree classification

The classification degree in each course as a follows:

Excellent	From 90% to 100% from total marks
Very Good	From 80% to 89%
Good	From 75% to 79%
Pass	From 65% to 74%
Poor	Less than 65%

Total pass degree for study year is 75% in case the student less than 75% he/she awarded diploma degree

Excellent	From 90% to 100% from total marks
Very Good	From 80% to 89%
Good	From 75% to 79%

Learning resources required to deliver the program

1. Teachers staff
2. Teaching Halls
3. Whiteboards/ Data show
4. Lectures notes
5. Clinical training (hospitals, health centers)
6. Books/journals
7. Library

Academic Staff

Academic Requirement	Professor	Associate Professor	Assistant Professor
Academic available	2	4	2

Program Evaluation and Improvement

Target group	Assessment Methods	Sample size
Workshop	Questionnaire 1	100%
Graduate students	Questionnaire 2	20%
Stakeholders	Questionnaire 3	20%
Academic staff	Workshop	100%
External Evaluator	Feedback & Comments	100%



21 September University of Medical and Applied Sciences
Deanship of Higher Studies
Faculty of High Nursing
Department: Maternal & Neonatal Health Nursing

Master of Maternal and Neonatal Health Nursing (MMNHN)

Program Specifications

Prepared by:

Professor. Abdulsalam Mohammed Dallak

Professor. Nabil Ahmed Al-Rabeei

Review by:

Association prof. Muneer Muslih Al-Wesabi

Head of Department

2023

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1. General Information:

1.	Program Name	Master of Maternal and Neonatal Health Nursing
2.	Program Code & Number:	(MMNHN)
3.	Program Type	Courses and Thesis
4.	Total Credit Hours	39 Hours
5.	Program Period	2 years
6.	Awarding Institution	21 September University of Medical and Applied Sciences Faculty of High Nursing
7.	Awarded Degree	Master's degree
8.	Study System:	Regular, minimum attendance 75%
9.	Teaching language	English and Arabic
10.	Departments participating in the program:	Medicine, Pharmacy, Nursing, Medical administration.
11.	Location of teaching:	21 September University of Medical and Applied Sciences - Faculty of High Nursing – Sana'a Yemen
12.	Date of Preparation:	June 2023
13.	Prepared by:	1. Professor Dr. Abdulsalam Mohammed Dallak 2. Professor Dr. Nabil Ahmed Al-Rabeei Review by Assoc prof. Muneer AlWesabi
14.	Council Approval Date	

2. Introduction:

This Master Maternal and Neonatal Health Nursing (MMNHN) in is designed to assist the student in developing expertise and in- depth understanding in the field of Maternal and neonatal health Nursing. It will help the student to develop advanced nursing skills for nursing interventions in various maternal and neonatal health conditions. It will further enable the students to function as midwifery nurse practitioner/ specialist, educator, manager and researcher in the field of maternal and neonatal health nursing.

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

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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 privacy and regional influence.

3.3 University Core values:

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

3.4. University Objectives:

- 1- Ensuring the application of quality standards and having the distinction standards in medical and applied sciences, scientific research and community service.
2. Adopting student-centered learning, the partnership with them for life, consolidating the principles of national responsibility and faith identity, looking after them and developing their capabilities after graduation and during work.
3. Attracting and Eemploying scientists, cadres and talents to gain minds and put an end for the "brain drain" in a way that promotes and ensures the availability of thinkers, businessmen and good citizens.
4. Developing the distinguished academic infrastructure continuously and establishing modern research and service centers with high efficiency that can give a real effect locally and regionally.
5. Enhancing the university status as a preferred partner for local, regional and international partnership through implementing creative styles of education, exchanging researches and knowledge, and providing real and effective outcomes for developing professional practices to benefit from them locally and regionally

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

4.1. Vision:

Contemporary leadership in nursing education locally and regionally.

4.2. Mission:

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

4.3. Values:

4. Leadership and Influence
5. Excellence and creativity
6. work as one team

4.4. Faculty Objectives:

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.
6. Stimulating and enhancing students' creative thinking

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5. Department Mission, and Objectives :

5.1. Mission of the Department:

Preparing highly qualified nursing cadres that meet the needs of the labor market through educational and research programs and contributing in developing and serving the community.

5.2. Objectives of the Department:

1. Offer academic programs high level in postgraduates studies matching the quality and academic accreditation standards.
2. Encouraging scientific research that contributes to solving community problems.
3. Equip students with advanced knowledge and skills to underpin a detailed understanding of a range of critical care nursing.
4. Facilitate the development of critical appraisal skills in the application of contemporary knowledge in the care of critically ill patients
5. Enable the development of students' ability to deal with a range of complex clinical situations in relation to their practice and to enhance clinical decision making.
6. Prepares critical care nurse specialists who meet the requirements of evidence-based critical care nursing practice.
7. Develop future specialist nurses who are prepared to offer leadership and excellence.

6. Program Mission and Objectives:

6.1. Program Mission:

Preparing highly qualified maternal and neonatal health nursing specialized that meet the needs of the labor market through educational and research programs and contributing in developing and serving the community.

6.2. Program Objectives:

On Completion of the MMNHN program, the graduate will be able to:

1. Equip students with advanced knowledge and skills to underpin a detailed understanding of a range of maternal and neonatal health nursing.
2. Facilitate the development of critical appraisal skills in the application of contemporary knowledge in the care of women & their neonate.
3. Enable the development of students' ability to deal with a range of complex clinical situations in relation to their practice and to enhance clinical decision making.
4. Engage in critical evaluation of evidence informing clinical decision making

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5. Provide students with the scope for original enquiry in relation to their area of practice.
6. Facilitate the personal and professional development of the students, so that they are able to demonstrate a critical reflective, enquiring and innovative approach to practice.

7. Program Standards & Benchmarks:

Academic Standards:

1. Council for Accreditation of quality Assurance Standards for first level. Council for Accreditation and quality Assurance. Yemen Republic
2. www.nmc.org.uk. Standards framework for nursing and midwifery education.UK
3. Council for Accreditation of quality Assurance Standards for first level. Council for Accreditation and quality Assurance. Yemen Republic
4. American College of Nurse-Midwives. ACNM core competencies for basic midwifery practice. Published, 2021.
5. American College of Nurse-Midwives. Standards for the practice of midwifery. Published, 2021.
6. International Confederation of Midwives. Essential Competencies for Midwifery Practice. 2019. Update. Published October 2019. Accessed April 13, 2021.

Program Benchmarks:

1. MSc in maternal and neonatal health nursing. College of nursing. Mutah University. Jordan.
2. Master in Maternal and Child Health Nursing. Faculty of graduate studies. Al-Quds university
3. MSc in maternal and newborn health. College of postgraduate studies. Jordan university of science and technology. Jordan.
4. Master degree of clinical Midwifery. Jimma. India
5. Master degree of clinical Midwifery. NYU Rory Meyers. USA
6. MSc in maternal and newborn health nursing. Faculty of nursing. Jordan University. Jordan.
7. Al-Razi University -Yemen

<https://alraziuni.edu.ye/posts>

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8. Graduate Attributes:

Upon successful completion of an postgraduate Master degree in MNHN program, graduates will be able to:

- 1- **Nursing practice:** The Maternal and neonate health nursing graduate will integrate the principles the knowledge and skills with Maternal and neonate health nursing practice.
- 2- **Communication skills:** The Maternal and neonate health nursing graduate will communicate effectively with patients/clients, care-givers, and other health professionals through the use of verbal & non-verbal skills, written abilities, active listening, and information technologies while adapting to complex and diverse situations.
- 3- **Membership of health team:** The Maternal and neonate health nursing graduate will act as member of a multidisciplinary health team.
- 4- **Professionalism and Ethics:** The Maternal and neonate health nursing graduate will demonstrate compassionate, respectful and ethical maternal care and maintain privacy and confidentiality for all clients in their care.
- 5- **Leadership skills:** The Maternal and neonate health nursing graduate will demonstrate appropriate leadership skills in the delivery of care for maternal and their newborn.
- 6- **Information technology:** The Maternal and neonate health nursing graduate will utilize information from variety of reliable sources for planning and improving health promotion and health education activities for maternal and their newborn.
- 7- **Lifelong learning:** The Maternal and neonate health nursing graduate should be committed to continuous improvement in skills and knowledge while harnessing modern tools and technology and assess own needs for learning and development.
- 8- **Research skills :** The Maternal and neonate health nursing graduate will utilize research activities in variety of nursing practice.
- 9- **Critical thinking and Decision making:** The Maternal and neonate health nursing graduate will utilize critical thinking and decision making in improving the quality of nursing care by using the existing resources.

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9. Program Intended Learning Outcomes (PILOs):

A. Knowledge and Understanding:

Upon successful completion of the postgraduate master's degree in MNHN Program, the graduates will be able to:

- A1. Illustrate Causes Etiology, pathophysiology clinical manifestations, diagnostic assessment complications and management of women with obstetric and gynecological conditions and newborn disorders.
- A2. Identify areas of A comprehensive range of strategies to promote and provide safe and effective evidence –based care and management options for providing care for women and their neonate.
- A3. Discuss Administrative and intellectual leadership in their profession and the disciplines contained within.
- A4. Acquire knowledge on the Specific research and method of analyze related to the field of maternal and neonatal health nursing
- A5. Discuss A Principles for mother and their newborn assessment, physical and neurological and high-risk women and newborn.
- A6. Identify The pharmacological agents and/or treatments during antepartum, intrapartum and postpartum and for newborn.

B. Cognitive/ Intellectual Skills:

Upon successful completion of the postgraduate master's degree in MNHN Program, the graduates will be able to:

- B1. Evaluate expected outcomes of nursing care for clients experiencing selected gynecological problems and complications.
- B2. Interpret patients' clinical findings and laboratory data in order to diagnose common diseases and syndromes for woman and their newborn.
- B3. Integrate discipline specific knowledge, primarily derived from alternative practices and academic disciplines.
- B4. Analyze new and abstract data, literature & research to inform the practice of maternal & neonatal health nursing.

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C. Practical and Professional Skills:

Upon successful completion of the postgraduate master's degree in MNHN Program, the graduates will be able to:

- C1. Utilize the nursing process to provide nursing care for maternal and neonatal clients..
- C2. Use assessment procedures pertaining to complex in pregnancy, labor and postpartum and newborn.
- C3. Initiate and evaluate the management of women and babies with obstetric or neonatal complications including following physiological examination of the baby.
- C4. Apply specific research related to the field of maternal and childbirth.
- C5. Demonstrate the principles and practice of safe and effective maternal and neonatal nursing management.

D. General and Transferable Skills:

Upon successful completion of the postgraduate master's degree in MNHN Program, the graduates will be able to:

- D1. Use effective communication and leadership skills in inter professional teams to promote positive change in the health care of women, newborns and families.
- D2. Use information systems and other technologies to improve the quality and safety of health care for women and newborns.
- D3. Works effectively within the team, applying the principles of clinical governance to maternal & neonatal health nursing practice.
- D4. Demonstrate the complexities of professional, ethical and legal perspectives relating to maternal and child health nursing practice, incorporating sensitivity to diversity and cultural issues.

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Teaching strategies	Description
1. Lecture: It is the most frequently employed teaching method to convey knowledge and explain theories to students in large groups or in sessions, which consist of more than one group gathered in one classroom.	Used in all courses (MNSG and MMNHN)
2. Lecture - Discussion: a short lecture/ address followed by Formal or informal discourse on topics usually primed by leading and/or open-ended questions.	Used in all courses (MNSG and MMNHN)
3. Seminars: these are mainly used with small groups of students in which they find better chances for discussing and participating in the teaching process.	Used in all courses (MNSG and MMNHN)
4. IT laboratory sessions: average number of students in session (20-30) students	Used in course (MNSG01)
5. Student Presentation: Research shows peer teaching is an active learning strategy that results in significant gains in learning. Students practice professional roles and improve communication skills.	Used in all courses (MNSG and MMNHN)
6. Role Plays: Students assume one of the characters in a simulated situation in order to experience different points of view or positions.	Used only in all specialties courses (MMNHN)
7. Brainstorming: Used most often with groups, brainstorming is a technique for refining the definition of a problem, generating multiple solutions to a problem or multiple designs for developing something new, and to identify possible threats to the solutions and designs. It promotes creative and critical thinking.	Used in all courses (MNSG and MMNHN)
8. Case study: 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.	Used only in all specialties courses (MMNHN)
9. Clinical practices: Observations made or work carried on in a natural setting.	Used only in all specialties courses (MMNHN))

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Assessment Strategy	Description
Quizzes	Continuous assessment of the students, keeps students informed with what had studied
Assignments	Individual or group duty
Mid-term exam	Long or short essays performed in the 7 th week
Final term exam	Conducted at the end of each course
Seminars (group, individualized)	Individualized or grouped discussion about specific topic
Practical Exam & Written reports about field training	Practical Exam & Written documentation about field training
Case presentation	Report written and presented by the student about specific case
Research	

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

PILOs	Teaching Strategy	Assessment Methods
Knowledge and Understanding A1, A2, A3, A4, A5, A6	<ul style="list-style-type: none"> Interactive lectures Seminars and student presentations 	<ul style="list-style-type: none"> Quiz Mid-term exam Final term exam
Intellectual Skills B1, B2, B3, B4	<ul style="list-style-type: none"> Interactive lecture Brain storming Role Plays Small group discussions Seminars and student presentations 	<ul style="list-style-type: none"> Assignments Mid-term exam Final term exam Written reports about field training Case presentation Research
Professional & practical skills	<ul style="list-style-type: none"> Interactive lectures Field training (Clinical practices) IT laboratory sessions 	<ul style="list-style-type: none"> Assignments Mid-term exam Final term exam

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PILOs	Teaching Strategy	Assessment Methods
C1, C2, C3, C4, C5	<ul style="list-style-type: none"> Small group for discussing. Case Study Role Plays 	<ul style="list-style-type: none"> Practical Exam & Written reports about field training Case presentation
General & Transferable Skills D1, D2, D3, D4	<ul style="list-style-type: none"> Interactive lecture Small group discussions Seminars and student presentations Role Plays 	<ul style="list-style-type: none"> Case presentation Research Practical Exam

10.1. Program Major

Compulsory Courses

No.	Level-Sem.	Course Code	Course Name	Cr. Hrs.	L	T	P	Prerequisites, Co-requisites
1	1/1	MNSG01	SPSS statistics	3	2		2	-----
2	1/2	MNSG02	Management and leadership in nursing	2	2			-----
3	1/2	MNSG03	Research methodology	2	2			MNSG01
4	1/2	MNSG04	Professional ethics	2	2			-----
5	1/1	MMNHN01	Advanced Health Assessment	2	1		3	-----
6	1/1	MMNHN02	Maternal health nursing I	5	3		6	MMNHN01,06and 07
7	1/1	MMNHN03	Neonatal health nursing I	4	2		6	MMNHN01,06 and 07
8	1/2	MMNHN04	Maternal health nursing II	5	3		6	MMNHN01,02,06 and 07
9	1/2	MMNHN05	Neonatal health nursing II	4	2		6	MMNHN01,03,06 and 07
10	1/1	MMNHN06	Clinical pharmacology	2	2			-----
11	1/1	MMNHN07	Advanced Pathophysiology	2	2			-----
Total				33	23	0	29	

* L= lecture ** T=tutorial/seminar, *** P= lab/workshop/training/clinical

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11. Study Plan:

Semester I

No.	Level-Sem.	Course Code	Course Name	Cr. Hrs.	L	T	P	Prerequisites, Co-requisites
1	1/1	MMNHN06	Clinical pharmacology	2	2			----
2	1/1	MMNHN01	Advanced Health Assessment	2	1		3	----
3	1/1	MNSG01	SPSS Statistics	3	2		2	-----
4	1/1	MMNHN07	Advanced pathophysiology	2	2			-----
5	1/1	MMNHN02	Maternal health nursing I	5	3		6	MMNHN01,06 and 07
6	1/1	MMNHN03	Neonatal health nursing I	4	2		6	MMNHN01,06 and 07
Total				18	12	0	17	

Semester II

No.	Level-Sem.	Course Code	Course Name	Cr. Hrs.	L	T	P	Prerequisites, Co-requisites
1	1/2	MMNHN04	Maternal health nursing II	5	3		6	MMNHN01,02, 06 and 07
2	1/2	MMNHN05	Neonatal health nursing II	4	2		6	MMNHN01,03, 06 and 07
3	1/2	MNSG03	Research methodology	2	2			MNSG01
4	1/2	MNSG02	Management and leadership in nursing	2	2			MMNHN01,02, 06 and 07
5	1/2	MNSG04	Professional ethics	2	2			MMNHN01,03, 06 and 07
Total				15	11		12	

NO	Level	Course Code	Course Name	Cr. Hrs.	L	T	P	Prerequisites, Co-requisites
	Second Year	MMNHN09	Master Thesis	6		0	18	All Course
Total				6	0	0	18	

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12. Admission/Selection/Transfer Requirements:

Admissions to the program shall be made as per the admission rules made by Ministry of higher education and scientific research-Yemen Republic and 21 September University for Medical and Applied Sciences.

1. Specialties allowed to enroll in this plan are holders of the Bachelor Degree in Nursing or Midwifery of any university.
2. Have a minimum of one years of experience after obtaining B.Sc. Nursing or B.Sc. midwifery (basic) in hospital or nursing educational institutions or community health setting.
3. Satisfactory outcome of an interview evaluating background and suitability for a clinical health Specialist

13. Graduation Requirements:

1. The number of hours required to complete the program: 39 credits hours

14. Grading System:

From 90% to 100% from total marks	Excellent
From 80% to 89%	Very Good
From 75% to 79%	Good
From 65% to 74%	Pass
Less than 65%	Poor/Fail

Total pass degree for study year is 75% in case the student less than 75% he/she awarded diploma degree

15. Program Assessment:

Type of the Sample who Assess the program		Instruments used	Sample
1	Workshop	Questionnaire 1	100%
2	Graduate students	Questionnaire 2	20%
3	Stakeholders	Questionnaire3	20%
4	Academic staff	Workshop	100%
5	External Evaluator	Feedback & Comments	100%

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16. Program Policies:

Based on University Regulations

1. **(Class Attendance) :**

A student should attend not less than 75 % of total hours of the subject; otherwise he/she will not be able to take the exam and will be considered as exam failure. If the student is absent due to illness, he/she should bring a proof statement from university Clinic. If the absent is more than 25% of a course total contact hours, student will be required to retake the entire course again.

2. **(Tardy) :**

For late in attending the class, the student will be initially notified. If he repeated lateness in attending class he/she will be considered as absent.

3. **(Exam Attendance/Punctuality) :**

A student should attend the exam on time. He/she is permitted to attend an exam half one hour from exam beginning, after that he/she will not be permitted to take the exam and he/she will be considered as absent in exam.

4. **(Assignments & Projects) :**

Assignments and projects are given as per course specification; the student has to submit all the assignments for checking on time, mostly one week after given the assignment.

5. **(Cheating) :**

For cheating in exam, a student will be considered as fail. In case the cheating is repeated three times during his/her study the student will be disengaged from the Faculty.

6. **(Plagiarism) :**

Plagiarism is the attending of a student the exam of a course instead of another student. If the examination committee proofed a plagiarism of a student, he/she will be disengaged from the Faculty. The final disengagement of the student from the Faculty should be confirmed from the Student Council Affair of the university or according to the university roles.

7. **(Other policies) :**

- Mobile phones are not allowed to use during a class lecture. It must be closed; otherwise the student will be asked to leave the lecture room.
- Mobile phones are not allowed in class during the examination.
- Lecture notes and assignments might be given directly to students using soft or hard copy.

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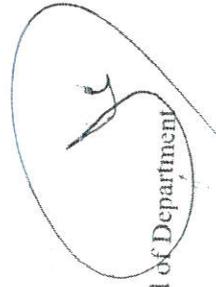
Quality Unit

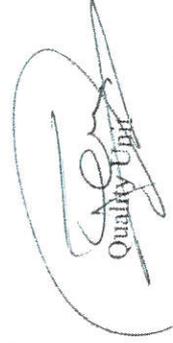
Dean of the Faculty

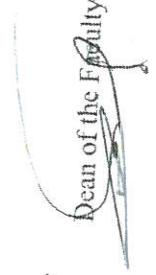
21 September University of Medical and Applied Sciences
Faculty: High Nursing
Postgraduate Studies in Nursing

Master Degree in Maternal and Neonatal Health Nursing (MMNHN)

Annexes of Program Specification


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Annex- 1. Survey of Similar Accredited Programs at National and International Universities (Benchmarks)

Information	Reference Programs						21 September program
	Program 1	Program 2	Program 3	Program 4	Program 5	Program 6	
Program title	Master in Maternal and Child health nursing	MS Nurse-Midwifery	Maternal and newborn health nursing	MSc. Clinical Midwifery	Master in Maternal and Child health nursing	Master in Maternal and Newborn health nursing	Master in Maternal & Neonatal Health Nursing
Faculty/School	Nursing	Nursing	Postgraduate studies	Nursing	Health professional	Graduate studies	Nursing
University	Mutah	NYU Rory Meyers	Jordan	Jimma	Al-Quds	Jordan Universities of Sciences and Technology	21 September
Country	Jordan	USA	Jordan	India	Palestine	Jordan	Yemen
Study system	Courses and Thesis	Semester	Courses and Thesis	Semester	Courses and Thesis	Courses and Thesis	Courses and Thesis
Mode of delivery	Regular	Regular	Regular	Regular	Regular	Regular	Regular
No. of semesters	4	4	4	4	4	4	4
Total CH of the program	26	48	27	39	31	25	33

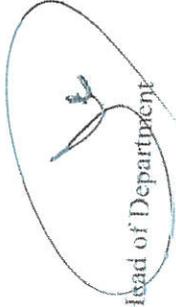
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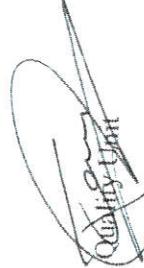
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No. of CH for obligatory courses	23	42	18	31	27	15	33
No. of CH for elective courses only	3	6	9	-----	4	10	-----
No. of obligatory courses	7	12	6	14	9	6	11
No. of elective courses	6	2	7	-----	2	12	-----
Complementary requirement courses	-----	-----	-----	-----	-----	-----	-----
No. of CH for thesis only	9	9	9	8	6	9	6
No. of CH for courses and thesis	35	48	36	39	37	34	39
Duration of thesis	12 M	12 M	12 M	6 M	12 M	12 M	12 M
Minimum duration of the program	24 M						
Maximum duration of the program	36 M						


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Annex- 2. Survey of Similar PILOS at National and International Universities (Benchmarks)

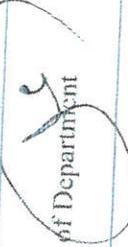
<p>University: 21 September Faculty: Nursing Program: MS. Maternal and neonatal health nursing</p>	<p>University: Jordan Faculty: Postgraduate studies Program: MSc. Maternal and newborn health nursing</p>	<p>University: Jimma Faculty: Nursing Program: MSc. Clinical Midwifery</p>	<p>University: NYU Rory Meyers Faculty: Nursing Program: MS Nurse-Midwifery</p>
<p>Knowledge & Understanding of</p> <p>A1. Etiology, pathophysiology manifestations, diagnostic assessment complications and management of women with obstetric and gynecological conditions and newborn disorders. A2. A comprehensive range of strategies to promote and provide safe and effective evidence -based care and management options for providing care for women and their neonate. A3. Administrative and intellectual leadership in their profession and the disciplines contained within. A4. Specific research and</p>	<p>Adapt leadership, clinical reasoning, clinical judgment, and decision-making skills while providing safe maternal and newborn nursing care within varieties of healthcare settings</p>	<p>Identify newborns who require NICU admission and link accordingly</p> <p>Demonstrate a sound decision making skill in clinical management of obstetric and gynecologic emergencies</p> <p>Demonstrate supervision, policy making and advocacy roles</p> <p>Actively involved in the teaching / learning activities of health professional training in higher institutions and training centers</p>	<p>Exemplify the skill of lifelong learning, that graduation is merely the beginning of one's educational journey.</p>

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	<p>method of analyze related to the field of maternal and neonatal health nursing</p> <p>A5. Principles of mother and their newborn assessment, physical and neurological and high-risk women and newborn.</p> <p>A6. The pharmacological agents and/or treatments during antepartum, intrapartum and postpartum and for newborn.</p>	<p>Demonstrate ability to critically appraise and synthesize relevant research literature.</p> <p>Identify researchable problems, demonstrate skills essential to research participation, disseminate findings, and articulate linkages among theory, research, and practice;</p> <p>Demonstrate effective technical as well as managerial leadership in the areas of RMNCAH service and program policy and leadership</p> <p>Leaders capable of applying critical thinking and rigorous research methods to the complex practical</p>	
<p>Head of Department</p> 	<p>Quality Unit</p> 		<p>Dean of the Faculty</p> 



			<p>problems facing practitioners and policy-makers in RMNCAH practice</p> <p>Appraise best strategies and challenges of reproductive, maternal, new-born, child and adolescent health/ RMNCAH/services</p>	
<p>Intellectual Skills</p>	<p>B1. Evaluate expected outcomes of nursing care for clients experiencing selected gynecological problems and complications.</p> <p>B2. Interpret patients' clinical findings and laboratory data in order to diagnose common diseases and syndromes for woman and their newborn.</p> <p>B3. Integrate discipline specific knowledge, primarily derived from alternative practices and academic</p>	<p>Analyze and critically evaluate advanced knowledge in managing maternal and newborn health conditions.</p> <p>Develop guidelines, protocols and training materials to improve continuous professional development in RMNCAH</p> <p>Provide RMNCAH service mentoring and coaching to improve service delivery</p> <p>Formulate study questions which will contribute for the scientific community in the area of RMNCAH and others areas of interest</p> <p>Evaluate different models of</p>	<p>Recognize the value of providing preventive and integrative midwifery care to clients through the lifespan</p>	

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<p>Professional</p>	<p>C1. Utilize the nursing process to provide nursing care for maternal and</p>	<p>Apply and examine nursing competencies in the specialty of maternal and</p>	<p>Provide comprehensive preconception care</p>	<p>Support the accessibility of quality midwifery care in all settings.</p>
<p>disciplines.</p>	<p>B4. Analyze new and abstract data, literature & research to inform the practice of maternal & neonatal health nursing.</p>	<p>Write a research proposal according to accredited professional standard</p>	<p>midwifery care; apply evidence-based practice and quality assurance through research and clinical audit. Assess, identify and prioritizing contemporary issues in RMNCAH and design appropriate strategies</p> <p>Collect, analyze, synthesize, and translate research data to generate evidence to help decision and practice.</p>	
		<p>Develop a research proposal that presents the study aims, scientific background, its significance and the methods for carrying out the study;</p>	<p>Develop problem solving projects</p>	

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<p>neonatal clients.</p> <p>C2. Use assessment procedures pertaining to complex in pregnancy, labour and postpartum and newborn.</p> <p>C3. Initiate and evaluate the management of women and babies with obstetric or neonatal complications including following physiological examination of the baby</p> <p>C4. Apply specific research related to the field of maternal and childbirth</p> <p>C5. Demonstrate the principles and practice of safe and effective maternal and neonatal nursing management.</p>	<p>newborn health nursing by employing advanced knowledge of nursing practices and other sciences to provide holistic health care for individuals, families and communities.</p> <p>Practice safely and professionally within the ethical and legal contexts of competent practice in the field of maternal and newborn health nursing.</p>	<p>Provide high quality basic and specialized Antenatal, labor, delivery and postnatal care services</p> <p>Manage common medical and surgical disorders during pregnancy</p> <p>Manage obstetrical and gynecologic emergencies</p> <p>Manage labor abnormalities, decide and initiate Induction and Augmentation of labor</p> <p>Perform emergency vaginal procedures (Vacuum extraction, forceps and destructive deliveries).</p> <p>Perform emergency caesarean section, emergency hysterectomy</p> <p>Perform laparotomy for emergency gynaecologic conditions (tubal pregnancy,</p>	<p>Practice empowering midwifery clients to take an active role in their own healthcare.</p> <p>Disseminate unbiased information when educating clients.</p>
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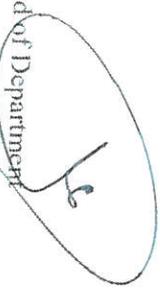
Head of Department

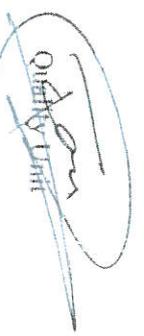
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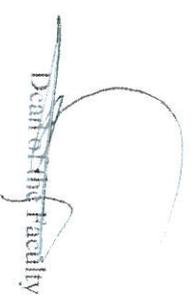
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	<p>Prepare and conduct presentations within local and international professional standards.</p>	<p>ovarian torsion, and cyst) Manage intraoperative and postoperative complications Perform newborn resuscitation Manage 1st and 2nd trimester abortions Provide comprehensive family planning including permanent methods Perform and evaluate diagnostic radiologic procedures for diagnosis and therapeutic purpose in obstetric and gynecologic practice. Apply principles of professionalism and competence in Qualification exam, Qualification standard and scope of practice development for midwifery and RMNCAH</p>	
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Transferable Skills

<p>D1. Use effective communication and leadership skills in interprofessional teams to promote positive change in the health care of women, newborns and families.</p> <p>D2. Use information systems and other technologies to improve the quality and safety of health care for women and newborns.</p> <p>D3. Works effectively within the team, applying the principles of clinical governance to maternal & neonatal health nursing practice.</p> <p>D4. Demonstrate the complexities of professional, ethical and legal perspectives relating to maternal and child health nursing practice, incorporating sensitivity to</p>	<p>Communicate effectively with peers, health team members, and clients</p> <p>Work constantly to develop and improve the scholastic role in specialized clinical nursing practice within the scope of maternal and newborn health nursing</p> <p>Value and adhere to life-long professional development.</p>	<p>Work with organizations on intra and inter sectoral base to improve RMNCAH services</p> <p>Demonstrate effective communication necessary to provide effective leadership in health policy and practice all levels</p> <p>Engage in leadership and management at different levels in the health sector</p>	
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Annex-3. Comparison of Program Courses and Similar Programs Courses

SN	University: 21 September	University: NYU	University: Jordan	University: Jimma	University: Al-Quds	University: Mutha	University: Jordan university
1	Research methodology	Research in Nursing	Research Methodology in nursing	Research Methodology	Research Methodology	Research Methodology	Research Methods in Nursing
2	Advanced Health Assessment	Midwifery Management and Practicum I: Health Assessment and Reproductive, Sexual	Health Assessment skills				Advanced Health Assessment
3	Professional Ethics	Professional Issues and Role Development in Midwifery	Specialized Nursing: Ethics and Roles	Professional Ethics	Issues in Nursing Ethics	Legal and ethics trends in nursing	Theoretical Foundation for Nursing
4	Maternal health nursing I	Midwifery Management and	Advanced Maternal health	Obstetrics Reproductiv	Maternal Health Nursing	Maternal and Newborn	Advanced Maternal and

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	Practicum I: Care During Pregnancy	Nursing I	e Health	Issues in Women's Health Care	Nursing	Newborn Nursing I Reproductive Counseling
5	Maternal health nursing II	Midwifery Management and Practicum II: Labor, Birth, Postpartum, and Newborn Care Gynecological Health Care	Advanced Maternal health Nursing II	Gynecology and Clinical Practicum Operative Obstetrics and Gynecology	Advanced Maternal and Newborn Nursing	Advanced Maternal and 7 Newborn Nursing II
6	Neonatal health nursing I	Midwifery Management and Practicum IV: Integration	Advanced Neonatal Health Nursing	Neonatology	Child Health Issues	Maternal and Newborn Nursing Advanced Maternal and Newborn Nursing I
7	Neonatal health nursing II				Nursing Care of Children	Advanced Maternal and Newborn Nursing
8	SPSS Statistics	Introductory Statistics for the Health Professions	Statistical Methods for Health Care Research	Biostatistics	Advanced Statistics	Applied Health statistics
9	Management and leadership in		Management and Leadership	Leadership, management		Nursing Administration

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	nursing		in Nursing	and Governance in health				and Health Policy
10	Clinical Pharmacology	Clinical Pharmacotherapeutics Across the Lifespan	Clinical Pharmacology in Nursing					Advance Clinical Pharmacology and Therapeutics
11	Advanced Pathophysiology	Advanced Pathophysiology						
12	Master Thesis	Master Thesis	Master Thesis	Master Thesis	Master Thesis	Master Thesis	Master thesis	Master Thesis
13		Primary Care for Midwifery Practice	Nursing Theories: Development and Application	Human Anatomy	Theories in Nursing	Health education, communication and counselling	Health education, communication and counselling	Health Promotion and Education
14		Nursing Issues & Trends	Teaching and Training in Nursing	Human Embryology	Palestinian Health System and the Law	Teething and assessment styles	Teething and assessment styles	Endocrinology and Reproduction
15		Population Focused Care	Women, Gender, and Health	Obstetric Anaesthesia	Qualitative Research Methods	Nursing theories	Nursing theories	Planning and Evaluation of Health Programs
		<i>Elective course</i>	<i>Elective course</i>	<i>Elective course</i>	<i>Elective course</i>	<i>Elective course</i>	<i>Elective course</i>	<i>Elective course</i>

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16			Selective topics <i>Elective course</i>	Emergency Surgery <i>Elective course</i>	Issues in Social Health <i>Elective course</i>	Quality in Health Care Epidemiology and Communicable Diseases <i>Elective course</i>	Development of nursing care by scientific research <i>Elective course</i>	Women's Health <i>Elective course</i>
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Annex – 4. Survey of Program ILO's with Program Objectives

Program ILOs	Program Objectives					
	Pobj1	Pobj2	Pobj3	Pobj4	Pobj5	Pobj6
A1	✓		✓			
A2	✓		✓			
A3		✓	✓		✓	✓
A4		✓	✓		✓	
A5	✓	✓	✓		✓	✓
A6	✓	✓				✓
B1	✓	✓			✓	✓
B2		✓			✓	✓
B3					✓	✓
B4	✓				✓	✓
C1	✓	✓	✓		✓	✓
C2		✓				✓
C3		✓	✓			✓
C4	✓		✓			✓
C5				✓		✓
D1		✓				✓
D2			✓			✓
D3		✓				✓
D4		✓	✓			✓

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Annex - 6. Attributes of the MSc. Maternal and neonate health nursing Graduates

1	Nursing practice	The Maternal and neonate health nursing graduate will integrate the principles the knowledge and skills with Maternal and neonate health nursing practice.
2	Communication skills	The Maternal and neonate health nursing graduate will communicate effectively with patients/clients, care-givers, and other health professionals through the use of verbal & non-verbal skills, written abilities, active listening, and information technologies while adapting to complex and diverse situations.
3	Membership of health team	The Maternal and neonate health nursing graduate will act as member of a multidisciplinary health team
4	Professionalism and Ethics	The Maternal and neonate health nursing graduate will demonstrate compassionate, respectful and ethical maternal care and maintain privacy and confidentiality for all clients in their care.
5	Leadership skills	The Maternal and neonate health nursing graduate will demonstrate appropriate leadership skills in the delivery of care for maternal and their newborn.
6	Information technology	The Maternal and neonate health nursing graduate will utilize information from variety of reliable sources for planning and improving health promotion and health education activities for maternal and their newborn.
7	Lifelong learning	The Maternal and neonate health nursing graduate should be committed to continuous improvement in skills and knowledge while harnessing modern tools and technology and assess own needs for learning and development.
8	Research skills	The Maternal and neonate health nursing graduate will utilize research activities in variety of nursing practice.
9	Critical thinking and Decision making	The Maternal and neonate health nursing graduate will utilize critical thinking and decision making in improving the quality of nursing care by using the existing resources.

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