

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 تريض صحة الام وحديثي الولادة

2022

Academic Program Specification

Introduction

This Master Maternal and Neonatal Health Nursing (MMNHN) 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.

1. Program identification and Information

Program Title	Master of Maternal and Neonatal Health Nursing (MMNHN)
Awarding Institution	21 September University-Faculty of Nursing
Institution responsible for the program	Faculty of Nursing-Department of Maternal and Neonatal Health Nursing
Program type	Courses and Thesis
Language of study	English
Year of study in the program	2022-2023
Mode of delivery	Regular, minimum attendance 75%
Teaching institution	Faculty of Nursing
System of study	Semester system
Duration of study	MNHN is offered as minimum two-year. One year are study courses and one year is master thesis. The course is organized into two teaching Semesters. Each Semester consists of 16 weeks of teaching. For the MNHN students are strongly encouraged to take all 39 credits hours.
Final award/s available	Master of Maternal and Neonatal Health Nursing
Award title	Master of Maternal and Neonatal Health Nursing
Qualification for admission to the program	Bachelor degree nursing or midwifery
Grade for admission to the program	Good
Other requirements	As per the admission rules made by Ministry of higher education and scientific research-Yemen. Satisfactory outcome of an interview evaluating background and suitability for a nursing specialist.
Coordinator	Professor Dr. Abdulsalam Mohammed Dallak Professor Dr. Nabil Ahmed Al-Rabeei
Data of program specification	New program 2023

University Vision, Mission and Aims

Vision

Contemporary leadership in applied medical sciences locally and regionally

Mission

Preparing highly qualified applied medical sciences 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

Aims of the University

1. Preparing a qualified applied medical sciences cadre to meet the needs of public and private hospitals in accordance with comprehensive quality standards
2. Follow the best applied medical sciences 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 applied medical sciences 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

Postgraduate Studies Vision, Mission and Objectives

Vision

Contemporary postgraduate studies with the quality of its program and outputs locally and regionally

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

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
<ol style="list-style-type: none">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
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.

Reference program

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.

مسح أسماء البرامج والساعات المعتمدة المماثلة للبرنامج الحالي.

Information	Reference Programs						Current 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	Nursing	Nursing	Postgraduate studies	Nursing	Health professional	Graduate studies	Nursing
University	Mutah	NYU Rory Meyers	Jordan	Jimma	Al-Quds	Jordan University 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
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	24 M	24 M	24 M	24 M	24 M	24 M
Maximum duration of the program	36 M	36 M	36 M	36 M	36 M	36 M	36 M

Intended Learning Outcomes (ILOs)		مخرجات التعلم المقصودة للبرنامج
Knowledge and Understanding (A)		
<i>The students will have knowledge & understanding of</i>		
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)		
<i>On Completion of the MMNHN program, the graduate will be able to:</i>		
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)		
<i>On Completion of the MMNHN program, the graduate will be able to:</i>		
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)		
<i>On Completion of the MMNHN program, the graduate will be able to:</i>		
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	

هيكل البرنامج:

يتكون هيكل البرنامج من المتطلبات التالية:

الوزن النسبي %	الساعات المعتمدة	عدد المقررات	المتطلبات
	--	--	مقررات استدرائية
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 الاستدرائية للبرنامج: لا يوجد

ثانياً: المقررات الإجبارية:

المتطلبات القبالية Pre-Requisites	اجمالي الساعات المعتمدة للمقرر	عدد الايام الدراسية للمقرر	الساعات المعتمدة Credit Hours				رمز المقرر Code/ NO.	اسم المقرر Course Title	
			الاجمالي Total C.H	تمارين/ سمنار 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

Curriculum Map

مصفوفة خارطة المنهج للبرنامج

Program ILOs																	المقررات Courses			
مخرجات البرنامج																				
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										MMNHN 08

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 وأسلوب الدراسة في البرنامج:

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

Study Plan

الخطة الدراسية للبرنامج

First Semester					الفصل الأول			
المتطلبات القبلية 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 1	5
MMNHN01,06 and 07	4		2	2	MMNHN03	Neonatal health nursing I	تمريض صحة حديثي الولادة 1	6
	18		6	12	Total Credit Hours المعتمدة			

Second Semester					الفصل الثاني			
المتطلبات القبلية 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 المعتمدة			

Second Year: First and Second Semester

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

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

Graduation Requirements		متطلبات التخرج من البرنامج	
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 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.

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.

- 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

- Teachers staff
- Teaching Halls
- Whiteboards/ Data show
- Lectures notes
- Clinical training (hospitals, health centers)
- Books/journals
- 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	Questionnaire3	20%
Academic staff	Workshop	100%
External Evaluator	Feedback & Comments	100%

