

# HMW - MIDWIFERY

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## HMW 1002 Health Education and Communication Skills (2-0-2)

This course introduces essential communication skills required in midwifery practice, emphasizing effective interaction with women, families, and interprofessional healthcare teams. Students learn key communication theories and their application in building therapeutic relationships, managing sensitive discussions, and practicing cultural competence. The course also examines the midwife's role as an educator, focusing on health education models, teaching strategies, and approaches to support women, families, and communities.

## HMW 1103 Fundamentals of Midwifery Profession-Theory (3-1-3)

This course equips students with foundation level of knowledge so they are able to provide safe, effective and holistic care to women/families. The course covers the definition, roles, and responsibilities, legislation and ethical midwifery practice and the role of the midwife in normal childbirth and models of midwifery care as well as a range of communication and interpersonal skills to establish effective working relationships with the wider maternity team. This will be situated in the context of professional regulation and the Nursing and Midwifery Council Scope of Practice (UAE NMC, 2012)

**Corequisites:** HMW 1113

## HMW 1113 Midwifery Practice (I) Lab (0-6-3)

This course provides essential foundational skills for conducting woman-centred health assessments in midwifery practice. Students learn the core physical examination techniques required to perform systematic assessments in early pregnancy, childbirth, and postpartum contexts. The information gathered during these assessments supports clinical decision making, care planning, and evaluation of maternal and newborn health. Understanding normal findings and common variations is emphasized as a key prerequisite for safe and effective midwifery practice.

**Prerequisites:** HMW 1003

**Corequisites:** HMW 1133

## HMW 1123 History Taking and Physical Assessment (3-2-3)

This course will teach students knowledge and skills in parental history taking. They will learn how to assess body systems in the non-pregnant and pregnant woman. They will gain knowledge in the use of appropriate interpretation and their interpretation to inform differential diagnosis. They will be able to record their physical assessment in clinical records and understand how to make necessary referrals to the wider maternity care team.

**Corequisites:** HSC 1033

## HMW 2003 Maternal Adaptation to Pregnancy and Fetal Development (3-1-3)

This course aims to enable midwifery students to understand the physiological, psychological & psychosocial changes that occur during normal pregnancy. It will explore the student's understanding of the menstrual cycle, anatomy and physiology of the reproductive system, conception, maternal physiological & psychosocial adaptations to pregnancy, common symptoms and minor disorders of pregnancy. With focus on fetal development & growth, maternal screening during pregnancy and the role of the midwife in providing woman-centered care using evidence-based information to support informed choices.

**Prerequisites:** HMW 1103

**Corequisites:** HMW 2014

## HMW 2014 Midwifery Practice (II) Caring for women experiencing physiological childbirth (0-16-4)

This course is the 2nd of 9 practice-based courses which allow students to apply the acquired knowledge and skills from the related midwifery theory courses. Clinical competency will be developed, practiced and assessed in a simulated and clinical environments. This course aims to introduce the student to the midwifery roles and practice related to normal childbirth including, pre-conception, antenatal, intrapartum, postpartum and care of the newborn. 16 contact hours per week; 2 clinical days & first 3 weeks, 48 hours in the simulation lab. student will spend 256 hours in clinical placements.

**Prerequisites:** HMW 1113

**Corequisites:** HMW 2003, HMW 2023, HMW 2033

## HMW 2023 Physiological Childbearing Across the Continuum (3-0-3)

This course provides a comprehensive understanding of the physiological, psychological, and psychosocial changes that occur during childbirth. Emphasis is placed on the midwife's role in assessing the progress of labour, monitoring maternal and fetal wellbeing, and managing the stages of labour, including pain relief and normal birth facilitation. The course also highlights midwifery models of intrapartum care, continuity of carer, and the application of woman-centered, evidence-based practice to support informed decision-making and positive birth experiences.

**Corequisites:** HMW 2014

## HMW 2033 Care of Well Mother and Baby (3-1-3)

Aims to develop knowledge that to understand the physiological, psychological, and psychosocial changes that occur during the postnatal period and explain the midwife's role in providing evidenced-based postnatal woman-centered care. The course covers involution, the healing process, maternal physiological and psychosocial changes in the postnatal period, common symptoms and minor disorders of the puerperium, menstruation and contraception, newborn transition to extra uterine life, physiological adaptation to birth, physical assessment, care and management of newborn minor morbidities.

**Corequisites:** HMW 2014

## HMW 2043 Microbiology (3-1-3)

This course will provide students with essential knowledge about the classification and identification of micro-organisms relevant to women and neonates during pregnancy, childbirth and the postnatal period. Students will be taught the prevention, control and treatment of infection, including an understanding of transmission, and immune system responses.

**Prerequisites:** HSC 1033

## HMW 2103 Pharmacology for Midwifery (3-1-3)

This course aims to develop student's knowledge and understanding of the principles of pharmacology, including drug absorption, distribution, metabolism, excretion, pharmacokinetics, drug dosages, reactions and interactions. The course will enable students to understand how drugs affect body systems, in particular the reproductive system during the childbirth continuum and lactation. Students will learn about the safety of the use of drugs and the legal and regulatory framework for midwives in prescribing, drug administration, evaluation of effectiveness and record-keeping.

**Corequisites:** HMW 2124

**HMW 2113 Maternal and Infant Nutrition (3-1-3)**

This course covers maternal and infant nutrition for midwifery practice in diverse healthcare settings. Topics include nutritional assessment, education, and care plans for women and infants (up to six weeks old). It addresses preconception, pregnancy, postnatal nutrition, UNICEF principles, breastfeeding benefits, lactation physiology, attachment theory, infant feeding challenges, and solid food introduction guidelines. The course emphasizes maternal and infant nutritional interventions to reduce risks, prevent complications, and manage diseases, including prematurity.

**Corequisites:** HMW 2124

**HMW 2124 Midwifery Practice (III) Therapeutic Care (0-16-4)**

This course is the third of nine practice-based courses that aims to develop the student's competence. This course aims to immerse the student in the midwifery roles and practice related to normal childbirth including, with a focus on maternal nutrition, infant feeding and medicines management and administration. The course consists of 16 contact hours per week, divided into two clinical days. Students will spend the first 3 weeks in the simulation lab. By completing this course, students will spend 256 hours in clinical placement settings providing antenatal, intrapartum and postnatal care.

**Prerequisites:** HMW 2014

**Corequisites:** HMW 2103

**HMW 3003 Health Disorders in Pregnancy (3-1-3)**

This course will develop student midwives knowledge and understanding of the effect of physiological and psychological (co)morbidities on fertility/pregnancy. This course will educate students about pathophysiology during pregnancy including, maternal/ fetal complications of pregnancy and pregnancy loss. Students will be taught the process of robust risk assessment, making timely/ appropriate referrals and initiating management of complications, including maternal emergencies, to optimize outcomes. Students will also be taught by obstetricians/gynaecologists, medical physicians and midwives.

**Prerequisites:** HMW 2003

**Corequisites:** HMW 3024

**HMW 3013 Complications during Childbirth and Postnatal (3-1-3)**

This course will enable student midwives to understand how (co)morbidities and complications of pregnancy affect women during childbirth and the postnatal period. Students will learn how to undertake a dynamic & continuous risk assessment of maternal and fetal/neonatal wellbeing during childbirth/ the postnatal period, recognize the signs and symptoms of abnormal progress or complications, instigate initial appropriate midwifery care and make timely referrals to the wider maternity care team. This course will cover management of obstetric emergencies in labour, birth and puerperium.

**Prerequisites:** HMW 2023

**Corequisites:** HMW 3024

**HMW 3024 Midwifery Practice (IV) Care of women with complications during childbirth (0-16-4)**

This course is the 4th of 9 practice-based courses. This course aims to further immerse the student in the midwifery roles and practice related to complications of childbirth including, with a focus on maternal and fetal risk and (co)morbidities during the childbirth continuum. This practice-based course consists of 16 contact hours per week, divided into two clinical days. Students will spend the first 3 weeks in simulation labs, introduced to the course's essential components. Each student will spend 256 hours in clinical placement settings providing antenatal, intrapartum and postnatal care

**Prerequisites:** HMW 2014

**Corequisites:** HMW 3013

**HMW 3103 Anesthesiology and Operative Care (3-1-3)**

Aim is to explore anesthesiology and the care of women receiving regional & general anesthetic during childbirth, including the role of the midwife in providing woman/families with evidence-based information to support informed choices about their care. Students will learn how to care for women pre/post-operatively, mental, emotional and physical preparation and recovery in scheduled/unscheduled care. Students focus on assessment tools to recognize the deteriorating woman and gain an understanding of their role in the initial management, referral and ongoing care within the maternity team.

**Corequisites:** HMW 3114

**HMW 3114 Midwifery Practice (V) Caring for women pre, peri and post-operatively (0-16-4)**

This course is the fifth of nine practice-based courses. It aims to immerse the student in the midwifery roles and practice related to complications of childbirth including, with a focus on pre, intra and post-operative care. This practice-based course consists of 16 contact hours per week, divided into two clinical days. Students should spend the first three weeks in the simulation lab to be introduced to the course's essential components. By completing this course, each student will spend 256 hours in clinical placement settings providing care.

**Prerequisites:** HMW 3024

**Corequisites:** HMW 3103

**HMW 3123 Care of the Sick Infant (3-1-3)**

Aim is students to develop knowledge of the physiology of congenital birth defects and how these affect the newborn infant. Further learning to assess risks associated with maternal morbidity and obstetric complications on the newborn. Focusing on identifying/responding to the compromised neonate, including immediate resuscitation. Students will learn the principles of midwifery management of common conditions that affect the health of the newborn within the inter-professional team. Students will learn how to support parents/families to contribute to the care of their premature or sick infant.

**Corequisites:** HMW 3133

**HMW 3132 Midwifery Care of the Sick Infant (VI) (0-8-2)**

This course is 6 out of 9 practice based courses which aims to immerse the student in the midwifery roles/ practice related to the care of the sick newborn infant, with a focus on neonatal resuscitation, prematurity, low birth weight, sepsis and other morbidities that require admission to the Neonatal Intensive Care Unit. This practice-based course consists of 8 contact hours (one clinical day) per week. Students will spend the first 3 weeks in the simulation lab, introduced to the course's essential components. Each student will spend 128 hours in clinical placement settings.

**Corequisites:** HMW 3123, HMW 3114

**HMW 4003 Women's Health and Wellbeing (3-1-3)**

This course will focus on the provision of women-centered care across the lifespan. Students will explore and gain an understanding of the issues of women's health and wellbeing, including sexual health, teenage pregnancy, gynecology and breast disorders and the menopause. Students will learn how to recognize the signs and symptoms of anxiety and common mental health disorders that are pre-existing and those that may develop or be exacerbated during the childbirth continuum. Students will also be taught by gynecologists, mental health specialists and psychologists.

**Corequisites:** HMW 4034

**HMW 4013 Public Health and the Midwife (3-1-3)**

Examining wider determinants of health and role of the midwife in changing social, physical, cultural, economic climates and health behaviors. Students will analysis of public health issues such as immigration, smoking, obesity, STD's, drug/alcohol addiction, domestic violence and child protection and their impact on health. Exploring the Importance of breastfeeding on the health and wellbeing of women/families. Policies, evidence-based practice and risk assessments will be critiqued in relation to public health interventions, protection of the vulnerable and maternity care provision.

**Corequisites:** HMW 4043

**HMW 4023 Midwifery Research and Evidence-Based Practice (3-1-3)**

This course is designed to build on the concepts and knowledge gained in the previous basic research methods course to enable students to apply the critical thinking skills, decision-making process, and scientific inquiry to solve clinical problems within the clinical midwifery practice. This course presents an introduction to evidence-based practice and the essential steps of midwifery research. At the end of this course, students will apply midwifery research skills to develop a complete research proposal that will be implemented in the following semester (Semester 8).

**HMW 4034 Midwifery Practice (VII) Caring for Women across the Life-Span (0-16-4)**

This course is the 7th of 9 practice-based courses. Practice-based courses allow students to apply the acquired knowledge and skills from the related midwifery theory courses. Clinical competency will be further developed, practiced and assessed in a simulated environment and clinical placements. This course aims to immerse the student in the midwifery roles and practice related to women's health across the lifespan, including gynaecological and breast disorders and treatment. This practice-based course consists of 16 contact hours per week, divided into two clinical days.

**Corequisites:** HMW 4003

**HMW 4042 Midwifery Practice (VIII) Public Health (0-8-2)**

This course is the 8th practice-based course. Clinical competency will be developed, practiced and assessed in a simulated environment and clinical placements. This course aims to immerse the student in the midwifery roles and practice related to public health. This course consists of 8 contact hours (one clinical day) per week. Students will spend the first 3weeks in the simulation lab, introduced to the course's essential components. By completing this course, students will spend 128 hours in a variety of placement settings providing pre- conceptual, antenatal, intrapartum and postnatal care

**Corequisites:** HMW 4013

**HMW 4103 Capstone Research Project for Midwifery (3-1-3)**

Provides an opportunity to perform a research project relevant to their Health Sciences program. Utilize the research proposal developed in the prerequisite course (HMW 4023) to produce an extensive literature review, select an appropriate methodology, collect and analyze data and present conclusion as a final capstone report.

**Prerequisites:** HMW 4023

**HMW 4106 Internship in Midwifery Practice (0-24-6)**

This course is the final practice-based course in the Bachelor of Midwifery program before students graduate and are eligible for registration as a midwife. The aim is to enable the student to consolidate their knowledge and skills in both theory and clinical into practice. This will give them confidence and competence and prepare them for their role as registered professional midwives. To establish the students graduate attributes, employability and eligibility for licensure as a Registered Midwife, they will be required to pass a clinically focused exit exam at the end of this placement.

**Prerequisites:** HMW 4034

**HMW 4112 Legal and Ethical Issues in Midwifery (2-1-2)**

This course will be on the legal, ethical and professional aspects of midwifery to prepare students for registration/ practice as a midwife. It will require students to be knowledgeable and familiar with evidence based practice, so they can discuss/debate these in the context of ethical theories, human rights and legislation. Areas such as autonomous practice, communication, confidentiality, record-keeping, advocacy, informed choice and consent will be explored. Skills such as reflection and critique will be developed, enhancing confidence and competence in decision making and problem solving.

**HMW 4122 Health Informatics In Midwifery (2-1-2)**

This course will teach midwifery students how to collect, manage and use data to inform midwifery practice. Midwifery students will become familiar with informatic tools and technology used in maternity services for surveillance, quality improvement and research. The use of electronic maternity records will be taught and the principles of data protection, privacy, data protection and security.

**HMW 4133 Leadership and Management in Midwifery (3-1-3)**

This course will enable students to gain an understanding of the theories of midwifery leadership and management. They will learn how to influence others and manage change in the context of clinical practice. They will gain knowledge of how midwifery supervision can be used in practice to reflect on and improve practice. Students will also learn management approaches to risk, human resources, health, safety and wellbeing.

**Corequisites:** HMW 4033