

# MIDWIFERY (MDFY)

## **MDFY 2010 Preparation for Professional Midwifery Education and Practice 3 cr**

This course provides students with an understanding of the midwifery model of care in remote, rural, and urban settings in Manitoba and contrasts this model with those in other Canadian jurisdictions and internationally. Students also learn about the historical context of midwifery and the issues related to the future of the midwifery profession in Canada, including Indigenous midwifery practices. This course introduces theories and models of teaching and learning as it relates to the health promotion of individuals, groups, and communities. Strategies for interpersonal communication and counseling are introduced.

## **MDFY 2020 Bioscience for Midwives 3 cr**

(Lab required) This course provides an overview of the biochemical and microbiological concepts that underlie screening and diagnostic testing in the childbearing year. Content areas include practical applications of clinical chemistry, specimen collection, medical microbiology, and the interpretation of laboratory results.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: MDFY 2010, MDFY 2440, NURS 2522, and NURS 3550.

## **MDFY 2030 Pharmacology for Midwives 3 cr**

This course introduces concepts of pharmacotherapeutics. It provides an overview of basic concepts in pharmacology and introduces therapeutics relevant to the pharmacological aspects of the practice of midwifery. Unifying concepts include pharmacokinetics, pharmacodynamics, toxicology, adverse reactions in pregnancy and lactation, and in the neonate. This course includes content related to traditional Indigenous midwifery practices.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: MDFY 2010, MDFY 2440, NURS 2522, and NURS 3550.

## **MDFY 2040 Normal Childbearing Skills 6 cr**

(Lab required) This course provides students with fundamental theory, assessment skills, and psychomotor skills to support clinical practice in the normal childbearing year.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: MDFY 2010, MDFY 2440, NURS 2522, and NURS 3550.

## **MDFY 2090 Normal Childbearing Clinical Practice and Tutorial 12 cr**

This clinical practice course enables students to apply the knowledge, skills and judgment related to the normal childbearing process to clinical practice. This course offers students the opportunity to reflect about and critically analyze clinical practice experiences and to share this analysis with their peers and instructors. This course will include content related to traditional Indigenous midwifery practices. This course is evaluated on a pass/fail basis.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: MDFY 2020, MDFY 2030, and MDFY 2040.

## **MDFY 2440 Human Reproductive Physiology 3 cr**

(Lab required) This course provides an in-depth understanding of human reproduction with particular emphasis on intrinsic control mechanisms and extrinsic methods of regulation of reproduction. This course also provides the basis for the understanding of alterations from normal mechanisms of reproductive processes.

## **MDFY 3010 Advanced Clinical Skills I 3 cr**

This week long intensive course provides students with a series of lectures and practical skills labs to build on clinical skills acquired in MDFY 2040 and MDFY 2090. This course expands on knowledge and skills related to intrapartum care such as, perineal repair, emergency skills, fetal health surveillance, ethical issues, and other relevant topics. Knowledge related to effective interprofessional consultation and communication is introduced. This course is graded on a pass/fail basis.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: MDFY 2090.

## **MDFY 3020 Midwifery Clinical Practice and Interprofessional Roles 3 cr**

This clinical practice experience focuses on preparing the student for their interprofessional placements. Students will be in midwifery clinical placements during the span of the course and complete the didactic part of this course online. This course expands on knowledge and skills related to variations in normal during the prenatal, intrapartum and postpartum periods. Knowledge related to effective interprofessional consultation and communication is reinforced. This course is graded on a pass/fail basis.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: MDFY 2090.

## **MDFY 3030 Interprofessional Practice I 6 cr**

This clinical practice course provides students with the opportunity to develop their skills in the provision of culturally safe care in culturally diverse settings. The tutorial offers students the opportunity to reflect about and critically analyze clinical practice experiences and to share this analysis with their peers and instructors. This course includes content related to traditional Indigenous midwifery practices. This course is graded on a pass/fail basis.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: MDFY 2090.

## **MDFY 3032 Interprofessional Practice II 6 cr**

This clinical practice course enables the student to advance their skills in the provision of care during the childbearing year in interprofessional clinical settings. The tutorial offers students the opportunity to reflect about and critically analyze clinical practice experiences and to share this analysis with their peers and instructors. This course includes content related to traditional Indigenous midwifery practices. This course is graded on a pass/fail basis.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: MDFY 3010, MDFY 3020 and MDFY 3030.

## **MDFY 3050 Newborn Feeding: Methods and Contemporary Issues 3 cr**

This course enables the student to obtain knowledge related to all methods of newborn feeding and the evidence related to the outcomes of each method. Students will also learn about strategies for promotion and support of breastfeeding. This course also addresses policy issues related to breastfeeding in the context of family systems theory and feminist theory.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: MDFY 3010, MDFY 3020 and MDFY 3030.

## **MDFY 3060 Professional Issues in Midwifery 3 cr**

This course enables the student to engage in a critical analysis of ethical, professional and emerging trends in the profession of midwifery in Manitoba, Canada and the international context. This course includes content related to traditional Indigenous midwifery practices.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: MDFY 3010, MDFY 3020 and MDFY 3030.

**MDFY 3090 Complex Care I Clinical Practice and Tutorial 12 cr**

This clinical practice course provides students with the knowledge and skills to begin to manage pathological and high risk conditions of pregnancy, birth, and newborn care. The focus is on advanced assessment and intervention for clients requiring complex care during the childbearing year. This course will include content related to traditional Indigenous midwifery practices. This course is graded on a pass/fail basis.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Pre-requisites: MDFY 3032, MDFY 3050, and MDFY 3060.

**MDFY 4010 Advanced Clinical Skills II 3 cr**

(Lab required) This course provides students with a series of lectures and practical skills labs to build on clinical skills acquired in MDFY 3090. This course expands on knowledge and skills related to prenatal, intrapartum and postpartum care with a focus on developing fundamental skills in managing complex care for the clients and newborns. Professional behaviour and interprofessional communication continues to be a focus.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: MDFY 3090. This course is graded on a pass/fail basis.

**MDFY 4090 Complex Care II Clinical Practice and Tutorial 12 cr**

This clinical practice course enables the student to apply knowledge and skills related to the management of more complex and emergency care scenarios in the clinical setting. The focus is on the role of the primary midwife regarding more independent management, consultation and transfer related to these conditions. The tutorial offers students the opportunity to reflect about and critically analyze clinical practice experiences and to share this analysis with their peers and instructors. This course includes content related to traditional Indigenous midwifery practices. This course is graded on a pass/fail basis.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisite: MDFY 3090.

**MDFY 4100 Clerkship and Tutorial 12 cr**

This clinical practice course enables the student to demonstrate entry-level competence as a primary care provider in midwifery practice. In this course students demonstrate independent decision-making and apply full range of their academic knowledge to professional practice. This course offers students the opportunity to reflect about and critically analyze clinical practice experiences as the primary care provider, and to share this analysis with their peers and instructors. This course includes content related to traditional Indigenous midwifery practices. This course is graded on a pass/fail basis.

**PR/CR: A minimum grade of C is required unless otherwise indicated.**

Prerequisites: MDFY 4010 and MDFY 4090.