

# Unit Outline (Higher Education)

<b>Institute / School:</b>	Institute of Health and Wellbeing
<b>Unit Title:</b>	NURSING CONTEXT 5: PHARMACOLOGY FOR NURSES
<b>Unit ID:</b>	NURBN2020
<b>Credit Points:</b>	15.00
<b>Prerequisite(s):</b>	Nil
<b>Co-requisite(s):</b>	Nil
<b>Exclusion(s):</b>	Nil
<b>ASCED:</b>	060301

## Description of the Unit:

This unit provides students continuing from year 1, with a more in-depth study of the field of therapeutics, which plays a significant role in the prevention and management of disease. Nurses and Midwives must have a comprehensive knowledge of the actions and effects of medicines being taken by patients and childbearing/lactating women in their care to provide safe, competent and effective medication administration. Understanding medications and the role of therapeutics requires a strong foundation of pharmacologic principles to help establish the knowledge base to underpin safe practice. This unit examines fundamental knowledge and skills to promote the therapeutic application of medications in the clinical setting and to enhance the ability of the nurse or midwife to provide person/woman-centered care and education across the lifespan

**Grade Scheme:** Graded (HD, D, C, P, MF, F, XF)

## Work Experience:

Not wholly work experience: Student is not undertaking work experience in industry or student is undertaking work experience in industry where learning and performance is directed by the provider.

**Does Recognition of Prior Learning apply to this Unit?** No

**Placement Component:** No

**Supplementary Assessment:** Yes

Where supplementary assessment is available a student must have failed overall in the Unit but gained a final mark of 45 per cent or above and submitted all major assessment tasks.

**CourseLevel:**

Level of Unit in Course	AQF Level of Course					
	5	6	7	8	9	10
Introductory	■	■	■	■	■	■
Intermediate	■	■	✓	■	■	■
Advanced	■	■	■	■	■	■

**Learning Outcomes:**
**Knowledge:**

- K1.** Identify and explain various terminologies, characteristics and mechanisms of action of significant medication groups
- K2.** Identify and explain the indicators of adverse drug reactions
- K3.** Identify and describe therapeutic effect of and responses to medications and related life span issues from pre-conception to end of life.

**Skills:**

- S1.** Analyse and identify appropriate medication administration considerations
- S2.** Analyse and explain factors which determine the potency of medication responses
- S3.** Apply nursing or midwifery assessment principles and clinical reasoning to medication administration to promote quality patient/woman care
- S4.** Explore the use of complementary and alternative therapies in the health care setting and describe the implications for nursing and/or midwifery

**Application of knowledge and skills:**

- A1.** Explore the impact of polypharmacy and develop patient/woman-specific nursing and midwifery plans for patient/woman care
- A2.** Investigate factors and processes which may contribute to medication errors in professional practice
- A3.** Explore the effect of health technology/ informatics on prescribing, dispensing and administering medications
- A4.** Apply the knowledge and skills of therapeutic pharmacological intervention in a clinical based scenario(s)

**Unit Content:**

The current NMBA Registered Nurse Standards for Practice, NMBA Code of Conduct for Nurses, Code of Ethics for Nurses, National Safety and Quality Health Service Standards, Aged Care Quality Standards, National Health Priority Areas and where applicable the NMBA National Competency Standards for the Midwives, NMBA Code of Conduct for Midwives, ICM/NMBA Code of Ethics for Midwives have informed the content development of this unit.

- Pharmacodynamics
- Practice applications of pharmacodynamics
- Pharmacokinetics
- Practice applications of pharmacokinetics
- Polypharmacy and socio-cultural aspects
- Medication and WHO research

- Medication Groupings
- Medication terminology
- Lifespan issues and adverse drug reactions
- Implications of medication use during pre-conception, pregnancy and lactation
- Application of ethics and critical thinking to pharmacology scenarios
- Allergy and adverse drug reaction
- Cultural health issues relating to pharmaceuticals
- Pharmacological assessment & clinical decision making
- Assessment protocols/template applications
- Patient medication education (e.g. teach back method)
- Medication charting and errors, (RISK MAN and open disclosure)
- Complementary, alternative and Over the Counter (OTC) medications and therapies.
- Medication safety in mental health

### Learning Task and Assessment:

A 15-credit point unit will involve a minimum of 150 hours of learning. For every one hour of teacher-directed learning, there will be a minimum of two hours of learner directed learning. Additional hours will be required to complete the associated assessment tasks. Learner-directed hours will include self-directed learning, directed activities and formative assessment opportunities via the learning management system. The teacher-directed hours of learning in this unit will be through a variety of in-person or online small group learning sessions. Students are expected to attend and engage with all scheduled classes as per the assessment hurdle requirements for this unit.

The hurdle assessment task is excluded from supplementary assessment.

Learning Outcomes Assessed	Assessment Tasks	Assessment Type	Weighting
K1, K2, K3, S1, S2, S3, S4 A1, A2, A3, A4	Attendance at Active Learning Sessions	80% Attendance at Active Learning Sessions	S/U Hurdle
K1, K2, K3, S1, S2, S3, A2, A4	Patient education video on medication regime	Asynchronous oral presentation	40-60%
K1, K2, K3, S2, S4, A1, A4	Group poster presentation on quality use of medicines	Poster	40-60%

### Alignment to the Minimum Co-Operative Standards (MiCS)

The Minimum Co-Operative Standards (MiCS) are an integral part of the Co-Operative University Model. Seven criteria inform the MiCS alignment at a Course level. Although Units must undertake MiCS mapping, there is NO expectation that Units will meet all seven criteria. The criteria are as follows:

1. Co-design with industry and students
2. Co-develop with industry and students
3. Co-deliver with industry
4. FedTASK alignment
5. Workplace learning and career preparation
6. Authentic assessment
7. Industry-link/Industry facing experience

MiCS Course level reporting highlights how each Course embraces the principles and practices associated with the Co-Operative Model. Evidence of Course alignment with the MiCS, can be captured in the Course

Modification Form.

**MICS Mapping has been undertaken for this Unit**

Yes

Date:

May 12, 2023

**Adopted Reference Style:**

APA

Refer to the [library website](#) for more information

Fed Cite - [referencing tool](#)