

Course Title: **Pharmacology for Professional Practice**

Course Code: **PHMY701**

Descriptor Start Date: **26/02/2024**

Descriptor End Date: **14/07/2024**

POINTS: **15.00**

LEVEL: **7**

PREREQUISITE/S: **HEAL609 or PHTY607**

COREQUISITE/S:

RESTRICTION/S:

LEARNING HOURS

Hours may include lectures, tutorials, online forums, laboratories. Refer to your timetable and course information in Canvas for detailed information.

Total learning hours: 150

PRESCRIPTOR

Explores the pharmacology of commonly used medicines and the application of this to various clinical situations. Considers the responsibilities of the health professional in relation to medicines and with regard to political, social, and cultural considerations, pharmacology science, legislation, and ethical practice.

LEARNING OUTCOMES

1. Critique the professional, sociocultural and politico-legal context of medicines' management.
2. Demonstrate understanding of pharmacokinetics.
3. Demonstrate understanding of pharmacodynamics.
4. Demonstrate understanding of pharmacotherapeutics.

Disclaimer: Course descriptors may be amended between teaching periods/semesters

CONTENT

- Professional regulation, responsibilities & legislation:
 - o Health Practitioners Competence Assurance Act (2003)
 - o NZ Public Health and Disability Act (2000)
 - o Medicines Act (1981) and relevant regulations
 - o Medicines Amendment Acts 1990, 1999 & 2013
 - o Misuse of Drugs Act (1975) and relevant regulations
- Drug development and clinical trials
- Economic and political management of medicines
- Pharmacokinetics
- Pharmacodynamics
- Adverse reactions and interactions
- Developmental, disease and social considerations related to the use of medicines
- Pharmacotherapeutics related to:
 - o Gastro-intestinal system
 - o Cardiovascular system
 - o Respiratory system
 - o Central nervous system
 - o Infections
 - o Endocrine system
 - o Obstetrics, gynaecology, and urinary-tract disorders
 - o Musculoskeletal and joint diseases
 - o Anaesthesia
 - o Rongoā rākau
- Accessing current internationally recognised pharmaceutical resources

LEARNING & TEACHING STRATEGIES

Learning and teaching includes lectures and online learning modules. Discipline specific examples will be utilised to integrate knowledge of professional practice.

ASSESSMENT PLAN

Assessment Event	Weighting %	Learning Outcomes
Tests (7)	100.00	LO1, LO2, LO3, LO4

Grade Map	MAP1
	A+ A A- Pass with Distinction
	B+ B B- Pass with Merit
	C+ C C- Pass
	D Fail

Overall requirement/s to pass the course:

Students must achieve an overall passing grade of at least C- in order to pass this course.

LEARNING RESOURCES

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For further information, contact: Te Ara Hauora A Putaiao - Faculty of Health & Environmental Science

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Principal Programme: AK3680, Bachelor of Health Science

Related Programme/s: AK1035 Bachelor of Health Science (Midwifery)
AK1041 Bachelor of Science
AK3113 Bachelor of Health Science (Oral Health)
AK3313 Bachelor of Health Science (Physiotherapy)
AK3324 Bachelor of Health Science (Nursing)
AK3680 Bachelor of Health Science
AK3713 Bachelor of Health Science (Podiatry)

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