



PODI13015 Advanced Pharmacology for Podiatry Practice

Term 2 - 2020

Profile information current as at 03/05/2024 06:41 am

All details in this unit profile for PODI13015 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

General Information

Overview

The unit will be divided into two main components: pharmacotherapeutics and anaesthesia specific to podiatry practice. In pharmacotherapeutics you will gain understanding of schedule 2, 3, 4 and 8 medicines administered in common diseases seen in podiatry practice and learn further of their role in management of disease. In anaesthesia, you will gain advanced knowledge of anaesthetics pertinent to podiatry practice. Topics covered will include pre-surgical history and physical assessment, informed consent, charting, maximum safe dose, and injection instrumentation. You will also begin to practice injection technique in a simulated setting.

Details

Career Level: *Undergraduate*

Unit Level: *Level 3*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Prerequisite: PODI13007 Clinical Practice 2; BMSC13010 Pharmacology; MPAT12001 Medical Pathophysiology - and

Corequisite: PODI13011 Clinical Practice 3

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

Offerings For Term 2 - 2020

- Rockhampton
- Sydney

Attendance Requirements

All on-campus students are expected to attend scheduled classes – in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

Class and Assessment Overview

Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

Class Timetable

[Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

[Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. **Objective Structured Clinical Examinations (OSCEs)**

Weighting: 30%

2. **Written Assessment**

Weighting: 20%

3. **Take Home Exam**

Weighting: 50%

Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

CQUniversity Policies

All University policies are available on the [CQUniversity Policy site](#).

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

Previous Student Feedback

Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

Feedback from Through Moodle Site

Feedback

Students found the practical administration of local anaesthetics into toe models and each others toes to be the most enjoyable and clinically relevant part of the course.

Recommendation

It is recommended that the practical session on administration of local anaesthetics be maintained in future deliveries of the unit.

Feedback from Through Moodle Site

Feedback

Some students found the structure of the written assignment difficult as it did not follow usual essay conventions.

Recommendation

It is recommended that a session reviewing how to structure a case report be implemented in future deliveries of the unit to assist students in understanding this authentic assessment task.

Feedback from Through Moodle Site

Feedback

Some students found that there was too much content in the lecture slides.

Recommendation

It is recommended that the podiatry team explore alternative ways of presenting the complex content in this unit to meet the diverse learning needs of students.

Unit Learning Outcomes

On successful completion of this unit, you will be able to:

1. Summarise the major classes of therapeutic drugs that affect the primary systems of the body, including identifying the barriers to suitable pharmacotherapy, describing the mechanisms of drug action and the potential for drug-to-drug interactions
2. Evaluate schedule 2, 3, 4 and 8 medicines prescribed and administered for the treatment of disease states encountered in the scope of podiatry practice
3. Examine legal, ethical and professional responsibilities associated with prescription and administration of medications within podiatry
4. Develop an anaesthetic plan based on a physical examination that includes: appropriate drug selection; correct dose calculation; appropriate method of drug administration; and other supportive care
5. Integrate an evidence based approach in pharmacological practice within podiatry.

Per NPC1303

Alignment of Learning Outcomes, Assessment and Graduate Attributes



Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Objective Structured Clinical Examinations (OSCEs) - 30%	•			•	
2 - Written Assessment - 20%		•	•		•
3 - Take Home Exam - 50%	•	•	•	•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
1 - Communication	•	•	•	•	•
2 - Problem Solving	•	•	•	•	•
3 - Critical Thinking	•	•	•	•	•
4 - Information Literacy	•	•	•	•	•
5 - Team Work			•		•
6 - Information Technology Competence	•	•	•	•	•
7 - Cross Cultural Competence		•	•	•	
8 - Ethical practice	•	•	•	•	•
9 - Social Innovation					
10 - Aboriginal and Torres Strait Islander Cultures					

Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Objective Structured Clinical Examinations (OSCEs) - 30%	•	•	•	•		•	•	•		
2 - Written Assessment - 20%	•	•	•	•	•	•	•	•		
3 - Take Home Exam - 50%	•	•	•	•		•	•	•		

Textbooks and Resources

Textbooks

PODI13015

Prescribed

Pharmacology for Health Professionals

Edition: 4th (2014)

Authors: Bronwen Bryant and Kathleen Knights

Elsevier

ISBN: 9780729581714

Binding: eBook

Additional Textbook Information

An online version of this textbook is available to students through the CQUniversity library.

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 7th Edition \(APA 7th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Laura Hutchison Unit Coordinator

l.hutchison@cqu.edu.au

Schedule

Week 1 - 13 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
A: Revision of pharmacodynamics		
B: Revision of pharmacokinetics		

Week 2 - 20 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
A: Pharmacology of local anaesthetic and related emergency drugs		
B: Pharmacology of antimycotic agents		

Week 3 - 27 Jul 2020

Module/Topic	Chapter	Events and Submissions/Topic
A: Drugs and poisons legislation in Australia - what prescribing podiatrists need to know		
B: Podiatry specific local anaesthetic		

Week 4 - 03 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
A: Pharmacology of antibacterial agents B: Pharmacology of anti-inflammatory and pain management agents		

Week 5 - 10 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
A: Pharmacology of antihistamines B: Pharmacology of anti-anxiety medication		

Vacation Week - 17 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
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Week 6 - 24 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
No class		

Week 7 - 31 Aug 2020

Module/Topic	Chapter	Events and Submissions/Topic
No class		

Week 8 - 07 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
No class		Written assessment Due: Week 8 Friday (11 Sept 2020) 11:55 pm AEST

Week 9 - 14 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
No class		

Week 10 - 21 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
No class		

Week 11 - 28 Sep 2020

Module/Topic	Chapter	Events and Submissions/Topic
No class		

Week 12 - 05 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic
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Review/Exam Week - 12 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic
		Examination Due: Review/Exam Week Monday (12 Oct 2020) 11:45 pm AEST

Exam Week - 19 Oct 2020

Module/Topic	Chapter	Events and Submissions/Topic
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Term Specific Information

The Vice-Chancellor has approved exemptions for practical sessions for specific courses at CQUniversity. Students in the Bachelor of Podiatry Practice (Honours) course will be required to resume their studies on-campus for practical classes in Terms 2 and 3 2020.

Provisions for social distancing will be implemented in all practical and clinical learning spaces for podiatry students. All staff, students and patients will be screened for COVID-19 symptoms and risk factors. Personal Protective Equipment (PPE) will be worn as required.

The re-commencement of practical and clinical sessions comes with the proviso that it will be subject to State and Federal health regulations if the situation with COVID-19 should deteriorate.

Attendance: As per the University's recommendation that "All on-campus students are expected to attend scheduled classes," students should also be aware that there is clear evidence to show that attendance rates are directly related to academic progress. It is therefore in your best interest and strongly recommended in the Bachelor of Podiatry Practice (Honours) course, that you attend all scheduled learning activities to support your learning.

Uniform: In all practical classes, students are required to wear the nominated uniform. Students must purchase their uniform from the bookshop. This uniform is separate to the mandatory clinical uniform. Please refer to the Podiatry Course Handbook for further details.

Assessment Tasks

1 OSCE

Assessment Type

Objective Structured Clinical Examinations (OSCEs)

Task Description

As part of this practical assessment, students will be required to attend the practical safe injection administration practical and will be assessed as 'competent' to pass. Further details regarding this assessment task will be provided in Moodle.

Assessment Due Date

Return Date to Students

Weighting

30%

Minimum mark or grade

50%

Assessment Criteria

No Assessment Criteria

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

No submission method provided.

Learning Outcomes Assessed

- Summarise the major classes of therapeutic drugs that affect the primary systems of the body, including identifying the barriers to suitable pharmacotherapy, describing the mechanisms of drug action and the potential for drug-to-drug interactions
- Develop an anaesthetic plan based on a physical examination that includes: appropriate drug selection; correct dose calculation; appropriate method of drug administration; and other supportive care

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence

- Ethical practice

2 Written assessment

Assessment Type

Written Assessment

Task Description

You will be required to submit a written assessment in the form of an essay pertinent to the use of advanced pharmacology in podiatry practice. This assessment task will allow an in-depth exploration of a particular podiatric condition concerning pharmacological management using multiple sources of evidence. Further details regarding this assessment task will be provided in Moodle.

Assessment Due Date

Week 8 Friday (11 Sept 2020) 11:55 pm AEST

Return Date to Students

Week 11 Friday (2 Oct 2020)

Weighting

20%

Assessment Criteria

Further details regarding this assessment task will be provided in Moodle during term.

Note: APA referencing system is used for all written assessments. In-text citations are counted as part of the word count for assessment purposes. Penalties will be applied where those strict word limits are exceeded (+ 10%). If the assessment item exceeds 10%, the content will not be assessed by the examiner (excludes tables, appendices and references where applicable). If you are late submitting your assignment, each day incurs a 5% penalty.

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

Online

Learning Outcomes Assessed

- Evaluate schedule 2, 3, 4 and 8 medicines prescribed and administered for the treatment of disease states encountered in the scope of podiatry practice
- Examine legal, ethical and professional responsibilities associated with prescription and administration of medications within podiatry
- Integrate an evidence based approach in pharmacological practice within podiatry.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Team Work
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

3 Examination

Assessment Type

Take Home Exam

Task Description

The examination will cover all content taught during term. Further information will be provided in Moodle.

Assessment Due Date

Review/Exam Week Monday (12 Oct 2020) 11:45 pm AEST

Return Date to Students

Weighting

50%

Assessment Criteria

No Assessment Criteria

Referencing Style

- [American Psychological Association 7th Edition \(APA 7th edition\)](#)

Submission

No submission method provided.

Learning Outcomes Assessed

- Summarise the major classes of therapeutic drugs that affect the primary systems of the body, including identifying the barriers to suitable pharmacotherapy, describing the mechanisms of drug action and the potential for drug-to-drug interactions
- Evaluate schedule 2, 3, 4 and 8 medicines prescribed and administered for the treatment of disease states encountered in the scope of podiatry practice
- Examine legal, ethical and professional responsibilities associated with prescription and administration of medications within podiatry
- Develop an anaesthetic plan based on a physical examination that includes: appropriate drug selection; correct dose calculation; appropriate method of drug administration; and other supportive care
- Integrate an evidence based approach in pharmacological practice within podiatry.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence
- Cross Cultural Competence
- Ethical practice

Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

What can you do to act with integrity?



Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem