



PODI13015 *Advanced Pharmacology for Podiatry Practice*

Term 2 - 2021

Profile information current as at 29/04/2024 09:48 pm

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 - 2021

- 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. **Written Assessment**

Weighting: 20%

2. **Take Home Exam**

Weighting: 50%

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

Weighting: 30%

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 Staff discussion and reflection.

Feedback

Whilst an in-depth knowledge of pharmacology is gained and a podiatry specialist is engaged to do some teaching in this unit, more relevance could be provided from a clinical podiatry point of view.

Recommendation

In future deliveries of this unit, it is recommended that students complete a series of case studies relevant to the prescription of scheduled medicines in podiatry practice. This will increase the relevance of the content to provide students more exposure to the endorsement process should they choose to pursue this pathway.

Feedback from Student feedback.

Feedback

It was great learning from experts in the field with plenty of real-world experience.

Recommendation

A podiatric surgeon who is endorsed to prescribe scheduled medicines and a pharmacist were engaged to provide specialist teaching into this unit. As this unit contains specialised content, it is recommended that industry content experts continue to teach this unit.

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%		•	•		•

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
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 Limited

ISBN: 9780729581714

Binding: eBook

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

Julie Nguyen Unit Coordinator

j.nguyen@cqu.edu.au

Schedule

Week 1- Revision of Pharmacodynamics and Pharmacokinetics - 12 Jul 2021

Module/Topic	Chapter	Events and Submissions/Topic
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This lecture will cover revision of pharmacodynamics and pharmacokinetics.

Week 2- Drugs and Poisons Legislation in Australia - 19 Jul 2021

Module/Topic	Chapter	Events and Submissions/Topic
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This lecture will cover the drugs and poisons legislation in Australia and what prescribing podiatrists need to know. Podiatry specific local anaesthetic will also be explored.

Week 3- Pharmacology of Local Anaesthetic, Related Emergency Drugs and Antimycotic agents - 26 Jul 2021

Module/Topic	Chapter	Events and Submissions/Topic
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This lecture will cover the pharmacology of local anaesthetic, related emergency drugs and antimycotic agents.

Week 4- Pharmacology of Antibacterial, Anti-inflammatory and Pain Management Agents - 02 Aug 2021

Module/Topic	Chapter	Events and Submissions/Topic
This lecture will cover the pharmacology of antibacterial, anti-inflammatory and pain management agents.		

Week 5- Pharmacology of Anti-histamines and Anti-anxiety Medication - 09 Aug 2021

Module/Topic	Chapter	Events and Submissions/Topic
This lecture will cover the pharmacology of antihistamines and anti-anxiety medication.		

Vacation Week - 16 Aug 2021

Module/Topic	Chapter	Events and Submissions/Topic
Vacation Week.		

Week 6- Self-directed Learning - 23 Aug 2021

Module/Topic	Chapter	Events and Submissions/Topic
Self-directed Learning.		

Week 7- Self-directed Learning - 30 Aug 2021

Module/Topic	Chapter	Events and Submissions/Topic
Self-directed Learning.		

Week 8- Pharmacology Case Studies - 06 Sep 2021

Module/Topic	Chapter	Events and Submissions/Topic
This lecture will cover some case studies relevant to pharmacology in podiatry.		Written Assessment Due: Week 8 Friday (10 Sept 2021) 11:45 pm AEST

Week 9- Review Week - 13 Sep 2021

Module/Topic	Chapter	Events and Submissions/Topic
Review Week.		

Week 10- Take Home Exam - 20 Sep 2021

Module/Topic	Chapter	Events and Submissions/Topic
Take Home Exam.		Take Home Exam Due: Week 10 Wednesday (22 Sept 2021) 1:00 pm AEST

Week 11- Self-directed Learning - 27 Sep 2021

Module/Topic	Chapter	Events and Submissions/Topic
Self-directed Learning.		

Week 12- Self-directed Learning - 04 Oct 2021

Module/Topic	Chapter	Events and Submissions/Topic
Self-directed Learning.		Objective Structured Clinical Examinations (OSCEs) Due: Week 12 Wednesday (6 Oct 2021) 9:00 am AEST

Term Specific Information

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 Written Assessment

Assessment Type

Written Assessment

Task Description

The written assessment will be in the form of an essay. The topic will be specific to pharmacology and podiatry practice and will be provided to you by the Unit Coordinator. You will be expected to review the relevant literature in order to establish the current knowledge of the particular topic(s). Further details regarding this assessment task will be provided in Moodle.

Assessment Due Date

Week 8 Friday (10 Sept 2021) 11:45 pm AEST

Return Date to Students

Week 10 Friday (24 Sept 2021)

Weighting

20%

Assessment Criteria

This assessment task is marked according to how well you have met the specified requirements, and in accordance with the assessment criteria to be made available in Moodle.

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

2 Take Home Exam

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

Week 10 Wednesday (22 Sept 2021) 1:00 pm AEST

Return Date to Students

Week 12 Wednesday (6 Oct 2021)

Weighting

50%

Minimum mark or grade

50%

Assessment Criteria

The Take Home Exam will assess all content covered from Weeks 1-9. Students must demonstrate that you have gained knowledge and skill in advanced pharmacology and understand the pharmacotherapeutics relevant to podiatric practice. You will be provided with sample questions during the term to prepare you for the Take Home Exam

Referencing Style

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

Submission

Online

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

3 Objective Structured Clinical Examinations (OSCEs)

Assessment Type

Objective Structured Clinical Examinations (OSCEs)

Task Description

The Objective Structured Clinical Examination (OSCE) will include both written and practical stations of up to 15 minutes in length. The OSCE will last for up to 75 minutes. The OSCE will assess your knowledge obtained from weeks 1 to 9. All assessments may be video and/or audio-recorded for moderation purposes. You are expected to arrive at least 15 minutes before the allocated start time for the OSCE and to wear full clinical uniform with enclosed shoes. The OSCE is closed book. More details and information regarding the on campus activities will be made available at the start of term.

Assessment Due Date

Week 12 Wednesday (6 Oct 2021) 9:00 am AEST

More details and information regarding the OSCE will be made available at the start of term.

Return Date to Students

Results will be released following the finalisation of grading of all student OSCEs.

Weighting

30%

Minimum mark or grade

50%

Assessment Criteria

Assessment criteria for OSCE: In order to be eligible to PASS the OSCE you must achieve a minimum overall grade of 50% for the OSCE. If you do not meet the above criterion of a minimum overall grade of 50%, you may be eligible for a supplementary assessment providing you meet the requirements as stipulated in the CQUniversity Grades and Results Procedure and this will be determined by the Unit Coordinator. If you are granted a supplementary assessment then the maximum grade that you can receive is a pass (P) irrespective of how well you performed in the supplementary exam.

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

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