



# CHIR20012 *Advanced Clinical Development 2*

## Term 2 - 2023

Profile information current as at 20/04/2024 12:13 am

All details in this unit profile for CHIR20012 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

In this unit, you will focus on examining, diagnosing and managing common sports injury related conditions. You will advance your understanding in a range of management topics related to the athletic population including injury prevention, advice on healthy lifestyles, self-managed care, rehabilitation, and treatment options. This unit will assist you with your clinical development in the student clinic by addressing the importance of integrating knowledge and skills to support clinical decision-making for this special population.

### Details

Career Level: *Postgraduate*

Unit Level: *Level 9*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

### Pre-requisites or Co-requisites

Pre-Requisite: CHIR20009 Clinical Practice 4 and CHIR20010 Advanced Clinical Development 1 Co-requisite: CHIR20011 Clinical Practice 5

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 - 2023

- Brisbane
- Mackay

### 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 Postgraduate 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. **On-campus Activity**

Weighting: Pass/Fail

#### 2. **Portfolio**

Weighting: 25%

#### 3. **Portfolio**

Weighting: 25%

#### 4. **In-class Test(s)**

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 Student unit evaluation

**Feedback**

Some students would have enjoyed the use of more real-world cases.

**Recommendation**

It is recommended that the discipline explore the possibility of students attending a sports-based outreach as part of the unit.

#### Feedback from Student unit evaluation

**Feedback**

Some students felt the clarity of the quiz questions could be improved.

**Recommendation**

It is recommended academics from the discipline review the questions for clarity.

#### Feedback from Student unit evaluation

**Feedback**

Some students would have appreciated a clearer marking rubric with more detailed expectations.

**Recommendation**

It is recommended that the rubrics and guidance be updated and readily available to help to set expectations and guide students' efforts.

## Unit Learning Outcomes

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

1. Explain the relationship between normal and abnormal morphology of a clinical condition according to its aetiology, epidemiology, pathophysiology and treatment options
2. Interpret findings and formulate a diagnosis, clinical impression, management plan and prognosis from a case history and physical assessment, taking into consideration patient safety and any contraindications
3. Apply the appropriate chiropractic approach to treatment (within the scope of practice) that includes technique/skills, exercise/rehabilitation, health promotion, prevention, lifestyle advice and self-managed care in a professional and ethical way in accordance to the chiropractic code of conduct and professional standards

This is a specific exposure unit to assist the student develop their individualised pathway towards strengthening the majority of elements and performance indicators of CCEA's Accreditation Standards: Unit 6 Patient Assessment, Unit 7 Diagnostic Decision Making, Unit 8 Planning of Patient Care, Unit 9 Implementation of Care, and Unit 3 Professional Interaction. There will be some elements addressed from Unit 10 Disease Prevention and Health Promotion and Unit 11 Professional Scientific Development.

## Alignment of Learning Outcomes, Assessment and Graduate Attributes



### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes		
	1	2	3
1 - On-campus Activity - 0%		•	
2 - Portfolio - 25%	•		
3 - Portfolio - 25%			•
4 - In-class Test(s) - 50%	•	•	•

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes		
	1	2	3
1 - Knowledge	◦	◦	◦
2 - Communication	◦	◦	◦
3 - Cognitive, technical and creative skills			
4 - Research	◦		◦
5 - Self-management			
6 - Ethical and Professional Responsibility	◦	◦	◦
7 - Leadership			
8 - Aboriginal and Torres Strait Islander Cultures			

## Textbooks and Resources

### Textbooks

CHIR20012

#### Prescribed

#### **Brukner & Khan's clinical sports medicine: injuries**

Edition: 5th (2017)

Authors: Brukner and Khan (and 8 others)

ISBN: 9781760421663

Binding: Hardcover

### 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 styles below:

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

For further information, see the Assessment Tasks.

## Teaching Contacts

**Matt Fernandez** Unit Coordinator

[m.fernandez@cqu.edu.au](mailto:m.fernandez@cqu.edu.au)

## Schedule

### Week 1 - 10 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lectures and Tutorial: Sport and Exercise Medicine Introduction Concussion Neck pain	Lecture notes Brukner & Khan's Clinical Sports Medicine: Injuries	

### Week 2 - 17 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture and Tutorial:  Upper limb injuries	Lecture notes Brukner & Khan's Clinical Sports Medicine: Injuries	

### Week 3 - 24 Jul 2023

Module/Topic	Chapter	Events and Submissions/Topic
Lecture and Tutorial:  Trunk, abdominal and thoracic spine injuries	Lecture notes Brukner & Khan's Clinical Sports Medicine: Injuries	

**Week 4 - 31 Jul 2023**

Module/Topic	Chapter	Events and Submissions/Topic
Lecture and Tutorial: Lumbar spine and pelvic injuries	Lecture notes Brukner & Khan's Clinical Sports Medicine: Injuries	

**Week 5 - 07 Aug 2023**

Module/Topic	Chapter	Events and Submissions/Topic
Lecture and Tutorial: Lower limb injuries	Lecture notes Brukner & Khan's Clinical Sports Medicine: Injuries	

**Vacation Week - 14 Aug 2023**

Module/Topic	Chapter	Events and Submissions/Topic

**Week 6 - 21 Aug 2023**

Module/Topic	Chapter	Events and Submissions/Topic
Lecture and Tutorial: Return to sport	Lecture notes Brukner & Khan's Clinical Sports Medicine: Injuries	Mid-term quiz, Friday August 25, 2023 on campus 10-11am.  <b>Portfolio - mid year quiz</b> Due: Week 6 Friday (25 Aug 2023) 10:00 am AEST

**Week 7 - 28 Aug 2023**

Module/Topic	Chapter	Events and Submissions/Topic
Lectures and Tutorial: Heat acclimatisation in (elite) athletes	Lecture notes Brukner & Khan's Clinical Sports Medicine: Injuries	

**Week 8 - 04 Sep 2023**

Module/Topic	Chapter	Events and Submissions/Topic
Lectures and Tutorial: Mental health in athletes	Lecture notes Brukner & Khan's Clinical Sports Medicine: Injuries	

**Week 9 - 11 Sep 2023**

Module/Topic	Chapter	Events and Submissions/Topic
Lectures and Tutorial: Paediatric sports injuries	Lecture notes Brukner & Khan's Clinical Sports Medicine: Injuries	Sports Medicine Workshop (TBC)

**Week 10 - 18 Sep 2023**

Module/Topic	Chapter	Events and Submissions/Topic
Lectures and Tutorial: Masters athletes	Lecture notes Brukner & Khan's Clinical Sports Medicine: Injuries	<b>Portfolio - case study</b> Due: Week 10 Friday (22 Sept 2023) 11:45 pm AEST

**Week 11 - 25 Sep 2023**

Module/Topic	Chapter	Events and Submissions/Topic
Lectures and Tutorial: Disabled athletes	Lecture notes Brukner & Khan's Clinical Sports Medicine: Injuries	

**Week 12 - 02 Oct 2023**

Module/Topic	Chapter	Events and Submissions/Topic
Lectures and Tutorial: Injury prevention	Lecture notes Brukner & Khan's Clinical Sports Medicine: Injuries	<b>On and off campus activity</b> Due: Week 12 Friday (6 Oct 2023) 11:59 pm AEST

**Review/Exam Week - 09 Oct 2023**

Module/Topic	Chapter	Events and Submissions/Topic

No class

**In class test** October 9, Monday  
12-2pm. On campus.

**In class test** Due: Review/Exam Week  
Monday (9 Oct 2023) 12:00 pm AEST

### Exam Week - 16 Oct 2023

Module/Topic

Chapter

Events and Submissions/Topic

## Assessment Tasks

### 1 On and off campus activity

#### Assessment Type

On-campus Activity

#### Task Description

On and off campus activity will comprise:

- (a) 1 x 4 hour Sports medicine practical workshop (including the demonstration of skill proficiency at the end - satisfactory/unsatisfactory grade)
- (b) 1 x 2-4 hour outreach or sports medicine observation, e.g., attendance on game day or training day, observing sports medicine / sports physiotherapy or chiropractic, ideally with sports teams - satisfactory / unsatisfactory grade).

#### Assessment Due Date

Week 12 Friday (6 Oct 2023) 11:59 pm AEST

Evidence of completion - off campus activity

#### Return Date to Students

#### Weighting

Pass/Fail

#### Assessment Criteria

Satisfactory / unsatisfactory grade.

This assessment task relates to patient safety, contraindications, diagnostic interpretation, clinical impression, management plan and prognosis from a case history (or histories) and physical assessment(s).

#### Referencing Style

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

#### Submission

No submission method provided.

#### Learning Outcomes Assessed

- Interpret findings and formulate a diagnosis, clinical impression, management plan and prognosis from a case history and physical assessment, taking into consideration patient safety and any contraindications

### 2 Portfolio - case study

#### Assessment Type

Portfolio

#### Task Description

This report will be approximately 500 +/- 10% words total and submitted by the end of Week 10.

Musculoskeletal rehabilitation, including physiotherapy and chiropractic, needs to consider a broader biopsychosocial understanding of musculoskeletal conditions and the delivery of high-value care for people with persistent pain conditions.

Sports medicine is concerned with the treatment and prevention of illness and injury in athletes.

Both injury and pain interfere with peak performance. Optimal management strategies require consideration of relevant factors that modulate the pain experience including biological, psychological, social, and sport-specific and training-specific domains. Further, we know that musculoskeletal pain conditions are influenced by additional and multiple interacting factors, including genetics, comorbidities, lifestyle and therefore often resistant to current treatments.

A brief, sports-related patient case history will be provided at the commencement of the semester. Given our focus on

patient-centered care, how would you consider: 1) psychological, 2) lifestyle and, 3) social factors, all which focus on musculoskeletal recovery and return-to-play.

### Assessment Due Date

Week 10 Friday (22 Sept 2023) 11:45 pm AEST

### Return Date to Students

Week 12 Friday (6 Oct 2023)

### Weighting

25%

### Assessment Criteria

This assessment task related to aetiology, epidemiology, pathophysiology and treatment options (including health promotion).

A clinical diagnosis and impression is made from a case history and physical assessment.

### Rubric

Feature	0-3	3-7	7-9	Full marks. 10 marks each
Provides a summary of the case (<50 words)	None or few provided	Several omissions. Major components are missing.	A few omissions.	All key components are addressed.
Psychological factors explored and explained (<150 words)	Demonstrates poor knowledge	Demonstrates some knowledge	Good knowledge with only a few errors	Demonstrates an excellent knowledge of key psychosocial factors
Social factors explored and explained (<150 words)	Demonstrates poor knowledge	Demonstrates some knowledge	Good knowledge with only a few errors	Demonstrates excellent knowledge of social factors
Lifestyle factors explored and explained (<150 words)	Demonstrates poor knowledge	Demonstrates some knowledge	Good knowledge with only a few errors	Demonstrates excellent knowledge of lifestyle factors
The 3 components are placed in a logical and easy to understand manner	Poor with many errors	Several errors	A few errors	No repetition, logical flow to the presentation and easy to understand.
References current and relevant	No compliance	Little compliance	A few errors	Full compliance
Overall professionalism of presentation	Poor	Several errors	A few errors	Professional level

### Referencing Style

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

### Submission

Online

### Learning Outcomes Assessed

- Explain the relationship between normal and abnormal morphology of a clinical condition according to its aetiology, epidemiology, pathophysiology and treatment options

## 3 Portfolio - mid year quiz

### Assessment Type

Portfolio

### Task Description

The mid-term online quiz will be taken in Moodle and will take place on campus, August 25th, week 6 at 10-11am. The mid-term quiz will involve a mix of question types including multiple choice, short answer and matching styles. There will be a short answer questions as well.



The quiz will assess content taught across weeks 1-5 (not including week 6).

**Assessment Due Date**

Week 6 Friday (25 Aug 2023) 10:00 am AEST

**Return Date to Students**

Week 7 Tuesday (29 Aug 2023)

**Weighting**

25%

**Assessment Criteria**

This assessment task relates to the demonstration of relevant chiropractic treatment approaches (within the scope of sports practice) that includes technique/skills, exercise/rehabilitation, health promotion, prevention, lifestyle advice and self-managed care.

This assessment task will involve selecting or providing the most accurate and correct answers to the questions posed in this mid-term online quiz.

**Referencing Style**

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

**Submission**

Online

**Learning Outcomes Assessed**

- Apply the appropriate chiropractic approach to treatment (within the scope of practice) that includes technique/skills, exercise/rehabilitation, health promotion, prevention, lifestyle advice and self-managed care in a professional and ethical way in accordance to the chiropractic code of conduct and professional standards

## 4 In class test

**Assessment Type**

In-class Test(s)

**Task Description**

This in class test will be undertaken in a CQUni computer lab on whichever campus that you are enrolled. The test will involve a mix of question types including multiple choice, short answer and matching styles. There will be a short answer questions as well. The test will assess all theoretical content taught across weeks 1-12.

**Assessment Due Date**

Review/Exam Week Monday (9 Oct 2023) 12:00 pm AEST

**Return Date to Students**

Exam Week Monday (16 Oct 2023)

**Weighting**

50%

**Assessment Criteria**

The assessment criteria comprises all unit learning outcomes and will involve selecting or providing the most accurate and correct answers to the questions posed in this in class test.

For final time and location, refer to the CQUni timetable.

**Referencing Style**

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

**Submission**

Online

**Learning Outcomes Assessed**

- Explain the relationship between normal and abnormal morphology of a clinical condition according to its aetiology, epidemiology, pathophysiology and treatment options
- Interpret findings and formulate a diagnosis, clinical impression, management plan and prognosis from a case history and physical assessment, taking into consideration patient safety and any contraindications
- Apply the appropriate chiropractic approach to treatment (within the scope of practice) that includes technique/skills, exercise/rehabilitation, health promotion, prevention, lifestyle advice and self-managed care in a professional and ethical way in accordance to the chiropractic code of conduct and professional standards

## 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