

In Progress

Please note that this Unit Profile is still in progress. The content below is subject to change.



ESSC12008 *Applied Exercise and Sport* *Biomechanics* Term 2 - 2027

Profile information current as at 07/09/2026 09:25 pm

All details in this unit profile for ESSC12008 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

This unit builds upon content from previous units to extend your understanding of biomechanics as it relates to human movement. In this unit, you will explore areas of musculoskeletal mechanics, biomechanics of locomotion, and the application of biomechanical principles to sports, and strength and conditioning. Through practical activities, you will develop skills necessary to conduct advanced biomechanical analyses as well as develop your ability to think critically about biomechanical data and research.

Details

Career Level: *Undergraduate*

Unit Level: *Level 2*

Credit Points: 6

Student Contribution Band: 10

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

Pre-requisite Units: ESSC12004 Exercise and Sport Biomechanics AND ESSC11002 Measurement and Evaluation Co-requisite Unit: ESSC13007 Functional Anatomy OR ESSC12010 Functional Anatomy

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 - 2027

- Cairns
- Mackay City
- Mixed Mode
- Rockhampton

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

Information for Class and Assessment Overview has not been released yet.
This information will be available on Monday 17 May 2027

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
- Academic Progression Policy and Procedure
- Student Refund and Credit Balance Policy and Procedure
- 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 SUTE Survey results

Feedback

Students reported that considerable time was spent on explaining the technology being used during the Residential School, and felt that they would benefit more from more time spent 'hands-on'.

Recommendation

It is recommended that the Unit Coordinator explore ways of encouraging early student engagement with the unit content, while investigating methods of delivering content on various technology prior to the Residential School.

Feedback from SUTE Survey results

Feedback

Students reported that there was a considerable amount of weekly content to cover and felt that they would benefit from having content presentations split into shorter length presentations.

Recommendation

It is recommended that the Unit Coordinator explore means of dividing the content presentations into a series of shorter presentations.

Feedback from SUTE Survey results and personal communication with students

Feedback

Students reported that having all the unit content available on Moodle from the start of term was valuable in terms of being able to see the topics in advance, and plan workload accordingly.

Recommendation

It is recommended that the Unit Coordinator continue to explore means of using Moodle to display and deliver content so that students can plan their workloads and engage in a non-linear fashion if desired.

Unit Learning Outcomes

Information for Unit Learning Outcomes has not been released yet.
This information will be available on Monday 17 May 2027

Alignment of Learning Outcomes, Assessment and Graduate Attributes

Information for Alignment of Learning Outcomes, Assessment and Graduate Attributes has not been released yet.
This information will be available on Monday 17 May 2027

Textbooks and Resources

Information for Textbooks and Resources has not been released yet.
This information will be available on Monday 21 June 2027

Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.
This unit profile has not yet been finalised.