

## In Progress

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



# **ESSC12010 *Functional Anatomy***

## **Term 2 - 2024**

Profile information current as at 21/05/2024 07:11 pm

All details in this unit profile for ESSC12010 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 development of foundation knowledge and competencies in functional anatomy complements anatomy and physiology units and provides the cornerstone to manual assessment of musculoskeletal conditions. This unit will provide you with the knowledge necessary to identify and describe the structural and functional requirements of the musculoskeletal system in relation to human motion for a variety of activities. The unit will develop your understanding of the anatomy of the limbs and the functional principles underpinning movement and posture, including an understanding of the performance aspects of muscle, joints, and the mechanics of movement. You will develop skills in manual location and assessment of musculoskeletal structures as they apply to rehabilitation, exercise conditioning, and general movement.

### 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

Co-requisite: BMSC11001 Human Body Systems 1 OR Co-requisite: BMSC11010 Human Anatomy and Physiology

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 - 2024

- 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).

### Residential Schools

This unit has a Compulsory Residential School for distance mode students and the details are:

Click here to see your [Residential School Timetable](#).

### 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

#### 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 SUTE Student Evaluation

##### **Feedback**

Students were keen for more real life content and short videos to complement the weekly lecture content, so building on content each week in preparation for residential schools and assessments

##### **Recommendation**

It is recommended that weekly material includes more short videos, instructional resources, and real life interactive content.

#### Feedback from SUTE Student evaluation, self-reflection and in class-discussion

##### **Feedback**

First time running the case study format of the residential school labs, which were received well by student cohort.

##### **Recommendation**

It is recommended to continue the case study approach of residential school delivery

#### Feedback from SUTE Student Evaluation

##### **Feedback**

Students were keen for weekly case studies or worksheets related to content being delivered

##### **Recommendation**

It is recommended to include weekly case studies/worksheets to enhance the student learning experience

#### Feedback from self-reflection

##### **Feedback**

In 2021 a recommendation was put forward regarding having adequate plinths and massage tables for students to perform assessments. This was achieved at Rockhampton through use of physiotherapy labs and plinths during the residential school. At Mackay and Cairns, there were inadequate numbers of plinths/massage tables to run the labs. This also has implications for other units which need these resources

##### **Recommendation**

It is recommended that there are a minimum of 5 massage tables at Mackay and Cairns to ensure all students are able to practice and demonstrate their practical skills and that in Rockhampton the physiotherapy labs are used for delivery of this unit.

## Unit Learning Outcomes

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

1. Define anatomical terms and identify structures using anatomical models, images, and surface anatomy.
2. Using principles of kinesiology, identify and explain the relationships between anatomical structures, movement, and function.
3. Analyse exercises to identify muscles that are involved in producing and controlling movement.
4. Perform movement and postural assessments, and prescribe corrective exercises to address asymmetries or improve exercise performance.

The Learning Outcomes and Assessment tasks are aligned with Graduate Outcomes as outlined by Exercise and Sport Science Australia (ESSA).

This course is designed to encompass both theoretical and practical aspects of functional anatomy. The course lectures will cover the theoretical knowledge related to the subject matter. The practical laboratory/workshop sessions will then build on the theoretical knowledge gained during the lectures and allow students to gain experience in identifying, locating and assessing muscular actions across a range of movement activities. Assessments for this course will be based on the development of a muscle portfolio and a practical video demonstration of a muscular assessment of movement. Students will also sit an examination of the theoretical knowledge gained about the musculo-skeletal system. The assessment pieces will allow students to gain a comprehensive knowledge necessary to identify the structural and functional requirements of the musculo-skeletal system

## Alignment of Learning Outcomes, Assessment and Graduate Attributes

 N/A Level	 Introductory Level	 Intermediate Level	 Graduate Level	 Professional Level	 Advanced Level
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### Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Online Quiz(zes) - 20%	•	•		
2 - Presentation - 30%			•	•
3 - Practical Assessment - 20%	•			•
4 - Written Assessment - 30%		•	•	

### Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
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				

## Textbooks and Resources

Information for Textbooks and Resources has not been released yet.

This information will be available on Monday 17 June 2024

## Academic Integrity Statement

Information for Academic Integrity Statement has not been released yet.

This unit profile has not yet been finalised.