LMED29003 *Transfusion and Transplantation Medicine 1*
Term 2 - 2024

Profile information current as at 19/05/2024 05:45 am

General Information

Overview

This unit enables you to develop an understanding of the principles of transfusion and transplantation medicine. You will gain vital knowledge on topics such as safe blood storage and handling, blood and tissue typing and the detection and identification of antibodies significant in transfusion and solid tissue transplantation. You will also perform compatibility testing and discuss the potential adverse outcomes of blood transfusions plus pre-natal, antenatal and postnatal screening. You will be required to attend a compulsory residential school in Rockhampton. The residential school may be scheduled outside of the term of offering of the unit. The theoretical and practical sessions will allow you to develop skills in critical steps necessary in ensuring safe tissue transplantations and appropriate blood products and components for transfusion in both routine and emergency situations.

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

Prerequisites: Enrolment in Master of Laboratory Medicine.
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

- Melbourne
- Mixed Mode
- 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).

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 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. **Written Assessment**
Weighting: 20%
2. **Written Assessment**
Weighting: 30%
3. **Laboratory/Practical**
Weighting: Pass/Fail
4. **Examination**
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 SUTE and self reflection

Feedback

Students had issues accessing some lecture videos.

Recommendation

It is recommended to continue to improve new video recording by both internal and external lecture and tutorial sources. It is also recommended to continue to review all existing videos to ensure all contents are accessible.

Feedback from SUTE

Feedback

Some students struggled to meet the unit's English language learning standards.

Recommendation

It is recommended that the university reviews pre-enrollment procedures to ensure that students are clear on the expected learning standards and outcomes for an AQF9 level unit. It is also recommended that the students are fully aware that this course is delivered in English to support employment in an English speaking nation.

Feedback from Student feedback via email

Feedback

Some students found the unit content a pleasurable learning experience.

Recommendation

It is recommended to continue to deliver this unit in its current structure with additional supporting tutorials and interactive quizzes such as Kahoot.

Unit Learning Outcomes

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

1. Critically discuss the production, labelling, storage and transportation of human blood products and their medical uses
2. Accurately interpret and report test results in transfusion and transplantation medicine
3. Critique the importance of quality control in transfusion and transplantation medicine
4. Demonstrate advanced testing skills in transfusion science including pre-transfusion, compatibility testing, antenatal / postnatal / neonatal screening and the testing for autoantibodies
5. Examine the factors contributing to adverse outcomes and their effects in transfusion and transplantation medicine.

Alignment of Learning Outcomes, Assessment and Graduate Attributes

— N/A Level	Introductory Level	Intermediate Level	Graduate Level	Professional Level	Advanced Level

Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes				
	1	2	3	4	5
1 - Laboratory/Practical - 25%	●		●		
2 - Laboratory/Practical - 25%		●	●	●	
3 - Practical Assessment - 0%		●		●	
4 - Examination - 50%	●		●		●

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes				
	1	2	3	4	5
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

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.