In Progress

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

BMSC11012 *Foundations of Immunology*

Term 2 - 2024

Profile information current as at 17/05/2024 06:07 pm

All details in this unit profile for BMSC11012 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 study the structure and function of the immune system and be introduced to foundational concepts that underpin how the immune system works. You will explore the mechanisms that control the human body's ability to detect, contain and remove or destroy harmful pathogens whilst retaining tolerance to its own cells. You will also put this into practice at the Residential School where you will conduct laboratory tests that demonstrate the immune response.

Details

Career Level: *Undergraduate*
Unit Level: *Level 1*
Credit Points: *6*
Student Contribution Band: *8*
Fraction of Full-Time Student Load: *0.125*

Pre-requisites or Co-requisites

Pre-requisites: BMSC11001 Human Body Systems 1 OR BMSC11007 Medical Anatomy and Physiology 1 OR BMSC11010 Human Anatomy and Physiology 1
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

- Bundaberg
- 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

1. **Online Quiz(zes)**
Weighting: 20%
2. **Laboratory/Practical**
Weighting: Pass/Fail
3. **Written Assessment**
Weighting: 50%
4. **In-class Test(s)**
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 SUITE feedback

Feedback
Students found the weekly worksheets and associated weekly tutorial helpful in assisting with the assessment quizzes.

Recommendation
Tutorials incorporating test-like questions will be retained.

Feedback from SUITE feedback

Feedback
Students enjoyed the residential school and found the handouts assisted with their preparation for the invigilated in-class test.

Recommendation
Residential school format and handouts will be retained.

Feedback from SUITE feedback

Feedback
Earlier assessment feedback may be beneficial.

Recommendation
Assessment timing will be examined to see if earlier assessment feedback is possible.

Unit Learning Outcomes

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

1. Outline the role of the major cells and tissues in the induction of an immune response
2. Explain the processes of self/non-self-discrimination
3. Describe how the non-specific and specific arms of the immune system work together to effect an immune response
4. Explain how the structure and function of antigen recognition molecules facilitate interaction with antigens
5. Outline the typical mammalian immune system responses to various challenges such as proteins, bacteria, viruses, protozoa, helminths, fungi and other representative multi-cellular organisms.
6. Demonstrate competence in the performance of basic laboratory tests in the assessment of the immune response.

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	6
1 - Online Quiz(zes) - 20%	•	•	•	•		
2 - Laboratory/Practical - 0%						•
3 - Written Assessment - 50%	•		•			
4 - In-class Test(s) - 30%		•		•	•	

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes					
	1	2	3	4	5	6
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.