



BIOL3661

PACE: Medical Sciences Capstone

Session 2, Online-scheduled-weekday 2022

School of Natural Sciences

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General Information

Unit convenor and teaching staff

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Credit points

10

Prerequisites

Admission to BMedScs and 120cp at 1000 level or above including BIOL1620 or BIOL1610 or BIOL116

Corequisites

Co-badged status

Unit description

In the Bachelor of Medical Sciences capstone and PACE unit, students will consolidate their learnings from their chosen major and across majors through small group student-led activities and experiential learning to solve industry partner problems and communicate key health messages to the community. Interactive sessions with experts and industry at the forefront of topics currently dominating medical sciences will facilitate students to engage deeply with local and global health issues and research seeking solutions through medical science innovations. Students will apply this knowledge and their experiential learnings to develop information delivery strategies to engage the community. This unit involves active reflection on prior learning and translation to employability and workplace skills, and building linkages with professional communities and industries.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://www.mq.edu.au/study/calendar-of-dates>

Learning Outcomes

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

ULO2: Consolidate information from seminars, discussions and literature on current topics in medical science and report on your evaluation

ULO3: Analyse and interpret data on a global health issue

ULO1: Reflect and articulate key knowledge and skills gained throughout the Bachelor of Medical Sciences, and apply learnings to devise strategies for transitioning from university to the workforce

ULO4: Appraise strategies for working effectively both as an individual and as part of a team, with knowledge of ethical principles and professional conduct applicable for your career aspirations

ULO5: Effectively communicate key information, innovations and issues in the medical sciences in written and verbal form to a variety of stakeholders / audiences

General Assessment Information

Assessment submission

Assessments must be submitted via iLearn by 11:55 pm on their due date.

Late penalties

Late assessments are not accepted in this unit unless a [Special Consideration](#) has been submitted and approved.

Unit completion

To pass this unit students need to:

- Achieve an overall minimum grade of 50% and have made a serious attempt at all assessments.
- Attend a minimum of nine SGTA classes. Note that the work undertaken in classes forms the basis of the PACE internship and assessments, which cannot be completed without participation in relevant classes. A role will be taken for each class.

Assessment Tasks

Name	Weighting	Hurdle	Due
Work ready activities	20%	No	28/8/2022 (Letter and CV). 4/9/2022 (weekly posts)
Radio MQ - Health segment	30%	No	25/9/2022
Partnering with industry	50%	No	28/8/2022 (Brief) 30/10/2022 (Group) 5/11/2022 (Individual)

Work ready activities

Assessment Type ¹: Reflective Writing

Indicative Time on Task ²: 15 hours

Due: **28/8/2022 (Letter and CV). 4/9/2022 (weekly posts)**

Weighting: **20%**

Students will complete tasks associated with employability modules aimed at developing work readiness through reflection on learnings and relevance for future career aspirations.

On successful completion you will be able to:

- Consolidate information from seminars, discussions and literature on current topics in medical science and report on your evaluation
- Reflect and articulate key knowledge and skills gained throughout the Bachelor of Medical Sciences, and apply learnings to devise strategies for transitioning from university to the workforce
- Effectively communicate key information, innovations and issues in the medical sciences in written and verbal form to a variety of stakeholders / audiences

Radio MQ - Health segment

Assessment Type ¹: Media presentation

Indicative Time on Task ²: 20 hours

Due: **25/9/2022**

Weighting: **30%**

Students will identify a pressing health issue or future health issue for communication in the form of a radio interview. Assessment will be based on an interview recording and a written scientific brief for the radio interviewer.

On successful completion you will be able to:

- Analyse and interpret data on a global health issue
- Reflect and articulate key knowledge and skills gained throughout the Bachelor of Medical Sciences, and apply learnings to devise strategies for transitioning from university to the workforce

- Effectively communicate key information, innovations and issues in the medical sciences in written and verbal form to a variety of stakeholders / audiences

Partnering with industry

Assessment Type ¹: Work-integrated task

Indicative Time on Task ²: 20 hours

Due: **28/8/2022 (Brief) 30/10/2022 (Group) 5/11/2022 (Individual)**

Weighting: **50%**

Student groups will undertake a work integrated activities with an industry partner/s and complete a group assessment task and an assessable individual component based on industry partner needs.

On successful completion you will be able to:

- Consolidate information from seminars, discussions and literature on current topics in medical science and report on your evaluation
- Analyse and interpret data on a global health issue
- Reflect and articulate key knowledge and skills gained throughout the Bachelor of Medical Sciences, and apply learnings to devise strategies for transitioning from university to the workforce
- Appraise strategies for working effectively both as an individual and as part of a team, with knowledge of ethical principles and professional conduct applicable for your career aspirations
- Effectively communicate key information, innovations and issues in the medical sciences in written and verbal form to a variety of stakeholders / audiences

¹ If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the [Writing Centre](#) for academic skills support.

² Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

Learning and Teaching Model

BIOL3661 is delivered in a flipped classroom mode where students are required to do pre-class tasks which are outlined in iLearn to prepare for activities in weekly classes. Completing pre-class tasks before weekly SGTAs will ensure that you get the best from the unit and your group.

Lectures

BIOL3661 has two scheduled online lectures per week where guest speakers will cover topics relating to the weekly themes. Over 80% of the lecturers in this unit are external to Macquarie University and work at other institutes. These scientists, postdocs, students and professionals are giving up their time to present information to you and to assist you with the next stages of your career. Please endeavour to attend lectures if you can and respect the time and contributions that the lecturers are providing for you.

Small group teaching activities

In a weekly 2-hour class students undertake small group activities, problem-based learning, and complete industry partner activities. In some weeks there are activities that need to be completed before attending class. The SGTAs are integral to completing the assessments in BIOL3661.

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- [Academic Appeals Policy](#)
- [Academic Integrity Policy](#)
- [Academic Progression Policy](#)
- [Assessment Policy](#)
- [Fitness to Practice Procedure](#)
- [Assessment Procedure](#)
- [Complaints Resolution Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#)

Students seeking more policy resources can visit [Student Policies \(https://students.mq.edu.au/support/study/policies\)](https://students.mq.edu.au/support/study/policies). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au) and use the [search tool](#).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/admin/other-resources/student-conduct>

Results

Results published on platform other than [eStudent](#), (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Academic Integrity

At Macquarie, we believe [academic integrity](#) – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free [online writing and maths support](#), [academic skills development](#) and [wellbeing consultations](#).

Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

The Writing Centre

[The Writing Centre](#) provides resources to develop your English language proficiency, academic writing, and communication skills.

- [Workshops](#)
- [Chat with a WriteWISE peer writing leader](#)
- [Access StudyWISE](#)
- [Upload an assignment to Studiosity](#)
- [Complete the Academic Integrity Module](#)

The Library provides online and face to face support to help you find and use relevant information resources.

- [Subject and Research Guides](#)
- [Ask a Librarian](#)

Student Services and Support

Macquarie University offers a range of [Student Support Services](#) including:

- [IT Support](#)
- [Accessibility and disability support](#) with study
- Mental health [support](#)
- [Safety support](#) to respond to bullying, harassment, sexual harassment and sexual assault

- [Social support including information about finances, tenancy and legal issues](#)

Student Enquiries

Got a question? Ask us via [AskMQ](#), or contact [Service Connect](#).

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources Policy](#). The policy applies to all who connect to the MQ network including students.

Changes since First Published

Date	Description
24/08/2022	Extended the dates for assessments Assessment 1 - changed from 21/8/22 to 28/8/22 to make use of the Employability festival. Assessment 3 - to allow for de-brief and feedback from Lifeblood Group report - Due Oct 30 Individual report - due Nov 5