



# BIOL3661

## PACE: Medical Sciences Capstone

Session 2, In person-scheduled-weekday, North Ryde 2023

*School of Natural Sciences*

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## General Information

Unit convenor and teaching staff

Lecturer

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Lecturer

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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 major projects to solve industry partner problems. PACE partners are embedded within this unit and students do not need to find individual placements. Interactive sessions with experts 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 over the course of the degree to develop information delivery strategies to engage the community in current medical sciences issues. This unit involves active reflection on prior learning and translation to employability and workplace skills, and building linkages with professional communities and industries. Visit [Employability Connect](#) for important information and resources relating to this unit.

## 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:

**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

**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

**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.

Universal design applies to all assessments and there are no time-sensitive assessments. All assessments are set at the start of the unit enabling ample time for completion

### 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.
- Note that the work undertaken in SGTAs forms the basis of the PACE internship and assessments.

### Late Assessment Submission Penalty

Unless a Special Consideration request has been submitted and approved, a 5% penalty (of the total possible mark of the task) will be applied for each day a written report or presentation assessment is not submitted, up until the 7<sup>th</sup> day (including weekends). After the 7<sup>th</sup> day, a grade of '0' will be awarded even if the assessment is submitted. The submission time for all uploaded assessments is **11:55 pm**. A 1-hour grace period will be provided to students who experience a technical concern. For any late submission of time-sensitive tasks, such as scheduled tests/exams, performance assessments/presentations, and/or scheduled practical assessments/labs, please apply for [Special Consideration](#).

### Assessments where Late Submissions will be accepted

- Work Ready activities - YES, Standard Late Penalty applies
- Radio MQ - YES, Standard Late Penalty applies
- Partnering with Industry - NO, unless Special Consideration is Granted

### Special Consideration

The [Special Consideration Policy](#) aims to support students who have been impacted by short-term circumstances or events that are serious, unavoidable and significantly disruptive, and which may affect their performance in assessment. If you experience circumstances or events that affect your ability to complete the assessments in this unit on time, please inform the convenor and submit a Special Consideration request through [ask.mq.edu.au](http://ask.mq.edu.au).

## Assessment Tasks

Name	Weighting	Hurdle	Due
<a href="#">Work ready activities</a>	20%	No	Jul 30, Aug 13, 27, Sept 10, 24, Oct 8, 22, Nov 5
<a href="#">Radio MQ - Health segment</a>	30%	No	Sept 10
<a href="#">Partnering with industry</a>	50%	No	Group Oct 29; Individual Nov 5

### Work ready activities

Assessment Type <sup>1</sup>: Reflective Writing

Indicative Time on Task <sup>2</sup>: 15 hours

Due: **Jul 30, Aug 13, 27, Sept 10, 24, Oct 8, 22, Nov 5**

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:

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

- 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 <sup>1</sup>: Media presentation

Indicative Time on Task <sup>2</sup>: 20 hours

Due: **Sept 10**

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:

- 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
- Analyse and interpret data on a global health issue
- 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 <sup>1</sup>: Work-integrated task

Indicative Time on Task <sup>2</sup>: 20 hours

Due: **Group Oct 29; Individual Nov 5**

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:

- 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

- 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
- 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

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<sup>1</sup> 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.

<sup>2</sup> 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

### Methods of Communication

- We will communicate with you via your university email and through announcements on iLearn.
- Queries to convenors can either be placed on the iLearn discussion board - this is preferable for queries that directly relate to unit content, unit activities, or assessments. Queries can also be sent via email to the unit email [biol3661@mq.edu.au](mailto:biol3661@mq.edu.au).
- Email unit convenors directly for more serious matters of an individual nature and that do not directly relate to unit content, unit activities, or assessments.

### Learning and Teaching Model

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

### Seminar - (starting week 1)

BIOL3661 has a scheduled online seminar where guest speakers, including PACE partners will cover topics relating to the weekly themes. Some seminars will be pre-recorded and weekly

classes will then be discussion sessions with the presenter. Please be mindful that these scientists, postdocs, students and professionals are giving up their time for you and to assist you with the next stages of your career. Please endeavour to attend seminars and respect the time and contributions that the lecturers are providing for you.

### **Workshop (online - starting week 1)**

The weekly online workshops comprise fortnightly discussions on employability modules and your career progression and alternate weeks enable groups to meet with industry partner representatives to discuss projects and ask questions. A schedule will be provided in iLearn and a PACE meeting appointment system will be used for effective use of PACE partner and student time.

### **Small group teaching activities (face to face starting in week 1)**

- In these weekly 2-hour classes students undertake small group activities and work on industry partner activities.
- Some weeks require completion of activities before class, and doing so will ensure optimal outcomes for you in class.
- The SGTAs are integral to completing the assessments in BIOL3661.

## **Policies and Procedures**

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.s.mq.edu.au\)](https://policies.s.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](http://ask.mq.edu.au) or if you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto: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 Advocacy](#) provides independent advice on MQ policies, procedures, and processes

## 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/](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 from Previous Offering

We value student feedback to be able to continually improve the way we offer our units. As such we encourage students to provide constructive feedback via student surveys, to the teaching staff directly, or via the FSE Student Experience & Feedback link in the iLearn page.

This year we removed lectures and added online seminars and a workshops and reworked SGTAs. The workshops will enable more frequent contact with the PACE industry partners. We extended the time to complete employability modules from one week to two, with dedicated discussions added in fortnightly workshops, resulting in removal of work ready employability tasks from SGTAs into workshops to enable more time for PACE projects. SGTAs are also now Face to Face to ensure effective group work and completion of PACE activities for industry partners.