



COGS3999

PACE: Cognitive Science in the Real World

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

School of Psychological Sciences

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Disclaimer

Macquarie University has taken all reasonable measures to ensure the information in this publication is accurate and up-to-date. However, the information may change or become out-dated as a result of change in University policies, procedures or rules. The University reserves the right to make changes to any information in this publication without notice. Users of this publication are advised to check the website version of this publication [or the relevant faculty or department] before acting on any information in this publication.

General Information

Unit convenor and teaching staff

Mark Williams

mark.williams@mq.edu.au

Credit points

10

Prerequisites

130cp including COGS2000 or COGS202 or COGS2010 or COGS2020 or COGS2030 or COGS2040 or COGS2050

Corequisites

Co-badged status

Unit description

This PACE unit enables students to prepare themselves for the next phase of their career in research, industry, or beyond. The lecture series covers a set of tools that students will be equipped with to apply cognitive science in the real world. Throughout this unit, strong focus will be placed on ethical and cultural competence; effective scientific communication; the consolidation of acquired knowledge and practical skills; and deepening one's understanding of cognitive science, especially the connections between the various disciplines of cognitive science and their impact on modern society. This will be complemented by a video series in which guest speakers will describe the role of cognitive science in their career. Visit [Employability Connect](#) for important information on this unit including required preparation and closing dates for PACE activities.

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: Develop key workplace skills that will help maximise your contribution to your field of work and build a positive workplace experience.

ULO2: Investigate and compare the diverse career options where an understanding of cognitive science is essential, valuable, or advantageous.

ULO3: Critically reflect on core knowledge and key skills gained throughout your

program of study for the purpose of appreciating the value of these skills in your future profession.

ULO4: Consolidate practical transition skills including effective communication and critical thinking skills.

ULO5: Set long-term career goals and identify strategies to achieve these goals.

ULO6: Demonstrate an awareness of applied ethical and cultural conduct in all aspects of professional activities.

General Assessment Information

Problem sets

Assessment Type ¹: Problem set Indicative Time on Task ²: 20 hours Due: **Throughout session, see iLearn for exact dates** Weighting: **35%**

Problem sets distributed throughout the session that consist of a variety of activities that connect the lecture and tutorial content with the student's PACE placement.

On successful completion you will be able to:

- Develop key workplace skills that will help maximise your contribution to your field of work and build a positive workplace experience.
- Investigate and compare the diverse career options where an understanding of cognitive science is essential, valuable, or advantageous.
- Critically reflect on core knowledge and key skills gained throughout your program of study for the purpose of appreciating the value of these skills in your future profession.
- Consolidate practical transition skills including effective communication and critical thinking skills.
- Set long-term career goals and identify strategies to achieve these goals.
- Demonstrate an awareness of applied ethical and cultural conduct in all aspects of professional activities.

Portfolio

Assessment Type ¹: Portfolio Indicative Time on Task ²: 28 hours Due: **Week 12** Weighting: **30%**

A portfolio focused on a potential future job that includes an analysis of the job's required skills.

On successful completion you will be able to:

- Investigate and compare the diverse career options where an understanding of cognitive science is essential, valuable, or advantageous.
- Critically reflect on core knowledge and key skills gained throughout your program of study for the purpose of appreciating the value of these skills in your future profession.
- Consolidate practical transition skills including effective communication and critical thinking skills.
- Set long-term career goals and identify strategies to achieve these goals.

PACE presentation

Assessment Type ¹: Presentation Indicative Time on Task ²: 14 hours Due: **Week 13** Weighting: **25%**

Multimedia summary of the PACE placement.

On successful completion you will be able to:

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PACE notebook

Assessment Type ¹: Log book Indicative Time on Task ²: 10 hours Due: **Maintained throughout placement and submitted in Week 13** Weighting: **10%** **This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)**

Detailed notebook of PACE activities.

On successful completion you will be able to:

- Develop key workplace skills that will help maximise your contribution to your field of work and build a positive workplace experience.

- Critically reflect on core knowledge and key skills gained throughout your program of study for the purpose of appreciating the value of these skills in your future profession.
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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.

General Assessment Information

Grade descriptors and other information concerning grading are contained in the [Macquarie University Assessment Policy](#).

All final grades are determined by a grading committee, in accordance with the Macquarie University Assessment Policy, and are not the sole responsibility of the Unit Convenor.

Students will be awarded a final grade and a mark which must correspond to the grade descriptors specified in the [Assessment Procedure](#) (clause 128).

To pass this unit, you must demonstrate sufficient evidence of achievement of the learning outcomes, meet any ungraded requirements, and achieve a final mark of 50 or better.

Further details for each assessment task will be available on iLearn.

Late Submissions

Unless a Special Consideration request has been submitted and approved, a 5% penalty (OF THE TOTAL POSSIBLE MARK) will be applied each day a written assessment is not submitted, up until the 7th day (including weekends). After the 7th day, a grade of '0' will be awarded even if the assessment is submitted. Submission time for all written assessments is set at 11.55pm. A 1-hour grace period is provided to students who experience a technical concern.

For example:

Number of days (hours) late	Total Possible Marks	Deduction	Raw mark	Final mark
1 day (1-24 hours)	100	5	75	70
2 days (24-48 hours)	100	10	75	65

3 days (48-72 hours)	100	15	75	60
7 days (144-168 hours)	100	35	75	40
>7 days (>168 hours)	100	-	75	0

Late submission of time sensitive tasks, such as scheduled tests/exams, performance assessments/presentations, and/or scheduled practical assessments/labs, students need to submit an application for Special Consideration.

Special Consideration

If you are unable to complete an assessment task on or by the specified date due circumstances that are unexpected, unavoidable, significantly disruptive and beyond your control, you may apply for special consideration in accordance with the [special consideration policy](#). Applications for special consideration must be supported by appropriate evidence and submitted via ask.mq.edu.au.

Assessment Tasks

Name	Weighting	Hurdle	Due
Portfolio	30%	No	Week 12
PACE notebook	10%	Yes	Maintained throughout placement and submitted in Week 13
PACE presentation	25%	No	Week 13
Problem sets	35%	No	Throughout session, see iLearn for exact dates

Portfolio

Assessment Type ¹: Portfolio

Indicative Time on Task ²: 28 hours

Due: **Week 12**

Weighting: **30%**

A portfolio focused on a potential future job that includes an analysis of the job's required skills.

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PACE notebook

Assessment Type ¹: Log book

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Due: **Maintained throughout placement and submitted in Week 13**

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Detailed notebook of PACE activities.

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PACE presentation

Assessment Type ¹: Presentation

Indicative Time on Task ²: 14 hours

Due: **Week 13**

Weighting: **25%**

Multimedia summary of the PACE placement.

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Assessment Type ¹: Problem set

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Delivery and Resources

Delivery and Resources

As a student enrolled in this unit, you will engage in a range of **face-to-face** learning activities, including lectures, tutorials, and your PACE placement. Lectures and tutorials are on Tuesdays (Week 1 - Week 13, inclusive). Details on what is covered during these activities as well as your expected readings for the unit, can be found on the iLearn site for this unit. For now, make a special note that you are **required to attend the lecture and tutorial in Week 13 to present your PACE placement presentation**. You should attend the tutorial to which you have been assigned. Although students might be able to occasionally attend a different tutorial, most classes are likely to be full, in which case those not attending their assigned tutorial will be asked to leave. If you cannot attend your regular tutorial, please let the unit convenor know as soon as possible.

Lectures and tutorials for this unit are offered **on-campus**. **I expect everyone to be present at these lectures (Tuesdays 9-10am)**. You are very lucky to be learning from experts from outside of the University, who all have first-hand experience at working in the field of Cognitive Science both in academia and in industry. I have specifically invited these guest lecturers to add value to this unit and the Bachelor of Cognitive and Brain Sciences overall, as they will be able to highlight essential skills you have learned throughout your studies and that are valued out in the real world. They are taking time out from their own work to come and spend time with you, so please make the effort to come to class and engage in the lectures. The tutorials will focus on putting the things you have just learned during the lecture into practice which will help you in completing your assessment tasks. In other words, the learning activities have been designed to help you do well in this unit, and life after graduation, do please make an effort to come to class each week.

Questions about the assessment tasks?

We will spend time during lectures and tutorials discussing the expectations for the assessment tasks. There is also time dedicated to providing in-class support. If you do still have questions about any of the assessment, please email the unit convenor (mark.williams@mq.edu.au)

Technology Used

Active participation in the learning activities throughout the unit will require students to have access to a tablet, laptop or similar device. Students who do not own their own laptop computer may borrow one from the university library.

PACE Placements

Placements typically commence in Week 3 of the unit and wrap up around Week 11. You will have to complete a minimum of 32 hours for your placement and keep a Notebook. Details on what is expected will be discussed in class. If you have any questions about your placement,

please get in touch with the unit convenor (mark.williams@mq.edu.au).

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 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/.

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.

Inclusion and Diversity

Social inclusion at Macquarie University is about giving everyone who has the potential to benefit from higher education the opportunity to study at university, participate in campus life and flourish in their chosen field. The University has made significant moves to promote an equitable, diverse and exciting campus community for the benefit of staff and students. It is your responsibility to contribute towards the development of an inclusive culture and practice in the areas of learning and teaching, research, and service orientation and delivery. As a member of the Macquarie University community, you must not discriminate against or harass others based on their sex, gender, race, marital status, carers' responsibilities, disability, sexual orientation, age, political conviction or religious belief. All staff and students are expected to display appropriate behaviour that is conducive to a healthy learning environment for everyone. **The Unit Convenor is an active supporter of equity and diversity at Macquarie University, including being a member of the Ally network, and is happy to provide additional support if needed.**

Professionalism

In the Faculty of Medicine, Health and Human Sciences, professionalism is a key capability embedded in all our courses.

As part of developing professionalism, students are expected to attend all small group interactive sessions including clinical, practical, laboratory, work-integrated learning (e.g., PACE placements), and team-based learning activities. Some learning activities are recorded (e.g., face-to-face lectures), however you are encouraged to avoid relying upon such material as they do not recreate the whole learning experience and technical issues can and do occur. As an adult learner, we respect your decision to choose how you engage with your learning, but we would remind you that the learning opportunities we create for you have been done so to enable your success, and that by not engaging you may impact your ability to successfully complete this unit. We equally expect that you show respect for the academic staff who have worked hard to develop meaningful activities and prioritise your learning by communicating with them in advance if you are unable to attend a small group interactive session.

Another dimension of professionalism is having respect for your peers. It is the right of every student to learn in an environment that is free of disruption and distraction. Please arrive to all learning activities on time, and if you are unavoidably detained, please join the activity as quietly as possible to minimise disruption. Phones and other electronic devices that produce noise and other distractions must be turned off prior to entering class. Where your own device (e.g., laptop) is being used for class-related activities, you are asked to close down all other applications to avoid distraction to you and others. Please treat your fellow students with the utmost respect. If you are uncomfortable participating in any specific activity, please let the relevant academic know.

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Social inclusion at Macquarie University is about giving everyone who has the potential to benefit from higher education the opportunity to study at university, participate in campus life and flourish in their chosen field. The University has made significant moves to promote an equitable,

diverse and exciting campus community for the benefit of staff and students. It is your responsibility to contribute to the development of an inclusive culture and practice in the areas of learning and teaching, research, and service orientation and delivery. As a member of the Macquarie University community, you must not discriminate against or harass others based on their sex, gender, race, marital status, carers' responsibilities, disability, sexual orientation, age, political conviction or religious belief. All staff and students are expected to display appropriate behaviour that is conducive to a healthy learning environment for everyone.

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Changes since First Published

Date	Description
23/07/2023	Staff contacts changed.