



# COGS3999

## Cognitive Science in the Real World

Session 2, Special circumstance 2020

*Department of Cognitive Science*

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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.

#### Notice

As part of [Phase 3 of our return to campus plan](#), most units will now run tutorials, seminars and other small group learning activities on campus for the second half-year, while keeping an online version available for those students unable to return or those who choose to continue their studies online.

To check the availability of face-to-face and online activities for your unit, please go to [timetable viewer](#). To check detailed information on unit assessments visit your unit's iLearn space or consult your unit convenor.

## General Information

Unit convenor and teaching staff

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Convenor

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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.

## 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

This unit requires completion of weekly quizzes, tutorial participation, science communication (blog, group presentation), and an aspirational portfolio. You are also required to submit a PACE Report (presentation) and Log Book. These assessments require students to reflect on their experience in the unit and project this experience into an aspirational career path. Students will be encouraged to collect resources, anecdotes, and reflections to both illustrate their journey within the unit and support their future decision-making. The unit will also encourage peer mentoring to engage in regular reflection and evaluation of the unit progress and evaluation of students' learning experiences.

This unit requires satisfactory completion of a PACE placement. Please carefully read the **Student Placement Guide** in order to correctly complete this assessment. To be sure, this is a requirement and students not completing this component will FAIL the course.

### Submission Methods

All assessments will be submitted via iLearn. There is a 5% leeway in the word limit (i.e., up to 40 words for a 750-word assignment), but beyond that you will be penalised 5% of your report mark for every further 100 words over the limit. Pages beyond the maximum limit will not be assessed.

### Late-submission and Extension

Late submission of your report will attract a penalty of 5% of the maximum mark for every day that the assignment is late (including weekend days). For example, if it is submitted 2 days late, you will get a penalty of 10% for this assignment. Work submitted more than 14 days after the submission deadline will not be marked and will receive a mark of 0. Please note that it is

the student's responsibility to notify the University of a disruption to their studies and that requests for extensions for assignments must be made via the University's Ask MQ System (as outlined in the Special Consideration Policy).

Name	Weighting	Hurdle	Due
	15%	No	Weekly
	10%	No	Weekly
	15%	No	Week 4: Wednesday 19th August, 5:00pm
	10%	No	Week 7: Wednesday 9th September, 5:00pm
	0%	No	Week 8: Wednesday 30th September, 5:00pm
	5%	No	Week 10: Wednesday 14th October, 5:00pm
	20%	No	Week 12: Wednesday 28th October, 5:00pm
	25%	No	Week 13: Wednesday 4th November, 5:00pm
	0%	Yes	Week 13: Friday 6th November, 5:00pm

## Assessment Tasks

Name	Weighting	Hurdle	Due
<a href="#">Tutorial participation</a>	15%	No	Weekly
<a href="#">Weekly online quizzes</a>	10%	No	Weekly
<a href="#">Science communication</a>	25%	No	Blog - Week 4: 19/08/2020; Presentation - Week 7: 09/09/2020
<a href="#">Aspirational portfolio</a>	25%	No	Week 8: 30/09/2020; Week 10: 14/10/2020; Week 12: 28/10/2020
<a href="#">PACE report</a>	25%	No	Week 13: 04/11/2020
<a href="#">PACE log book</a>	0%	Yes	Week 13: 06/11/2020

### Tutorial participation

Assessment Type <sup>1</sup>: Participatory task

Indicative Time on Task <sup>2</sup>: 0 hours

Due: **Weekly**

Weighting: **15%**

Active participation in weekly tutorials

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.

## Weekly online quizzes

Assessment Type <sup>1</sup>: Quiz/Test

Indicative Time on Task <sup>2</sup>: 5 hours

Due: **Weekly**

Weighting: **10%**

Weekly online quizzes embedded within online lectures.

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.

## Science communication

Assessment Type <sup>1</sup>: Presentation

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

Due: **Blog - Week 4: 19/08/2020; Presentation - Week 7: 09/09/2020**

Weighting: **25%**

Group multimedia presentation that translates recent cognitive science research into a multimedia experience for a lay audience (10%, 3-5 minute presentation). This group presentation is accompanied by an individual science communication blog post (15%, max. 750 words).

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.
- Consolidate practical transition skills including effective communication and critical thinking skills.
- Demonstrate an awareness of applied ethical and cultural conduct in all aspects of professional activities.

## Aspirational portfolio

Assessment Type <sup>1</sup>: Portfolio

Indicative Time on Task <sup>2</sup>: 25 hours

Due: **Week 8: 30/09/2020; Week 10: 14/10/2020; Week 12: 28/10/2020**

Weighting: **25%**

The portfolio consists of 3 components: A cover letter responding to specific selection criteria (15%, max. 1000 words, graded); an aspirational CV (5%, max. 4 pages, pass/fail); peer review of aspirational portfolios (5%, pass/fail).

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 report

Assessment Type <sup>1</sup>: Presentation

Indicative Time on Task <sup>2</sup>: 10 hours

Due: **Week 13: 04/11/2020**

Weighting: **25%**

Multimedia summary of the placement including one example of reflection implemented during the placement (max. 4 minutes).

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.
- Consolidate practical transition skills including effective communication and critical thinking skills.
- Demonstrate an awareness of applied ethical and cultural conduct in all aspects of professional activities.

## PACE log book

Assessment Type <sup>1</sup>: Log book

Indicative Time on Task <sup>2</sup>: 1 hours

Due: **Week 13: 06/11/2020**

Weighting: **0%**

**This is a hurdle assessment task (see [assessment policy](#) for more information on hurdle assessment tasks)**

Log book of PACE activities (pass/fail).

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.
- Consolidate practical transition skills including effective communication and critical thinking skills.
- Demonstrate an awareness of applied ethical and cultural conduct in all aspects of professional activities.

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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

### Unit Overview

COGS3999 is a Professional and Community Engagement (PACE) and capstone unit for Cognitive and Brain Sciences which is undertaken during the third year of an undergraduate degree in preparation for either leaving to find employment or continuing on to further study. This unit provides students with:

- An opportunity to reflect on their undergraduate learning to date and on how they might use it;
- It encourages students to integrate and synthesise the information from the various sub-disciplines in cognitive science;
- It encourages students to think about how real-world issues may be approached with this knowledge;
- It focuses on the generic skills students will take into the workplace or further study; and
- It provides information on what jobs are available in cognitive science, how to apply for and prepare for those jobs, and on the codes of conduct and ethical behaviour guidelines that will inform your professional conduct in the workplace or in further research.

### Delivery

**Lectures:** All lectures will be delivered online, starting in Week 1. Lectures are pre-recorded videos available on iLearn. You are expected to watch the lectures before your tutorial.

**Tutorials:** To maximise flexibility for COGS999 students, tutorials will be delivered in both on-campus and online delivery modes. Tutorials are scheduled for Weeks 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13. All on-campus tutorials will take place in the Tutorial Room 230, 11 Wallys Walk. Due to social distancing requirements, you will have to attend the on-campus tutorial you enrolled in through eStudent. You will not be able to attend another on-campus tutorial class instead. If you have enrolled in an online tutorial, consult iLearn for further details.

**Placements:** Students will need to develop their ability to learn from practical experience during the placement component (32-hours) of the unit and will be expected to show initiative and be quite self-regulated before and during placement, and throughout the unit. Attendance is compulsory. Students will be expected to facilitate and attend their placement, to keep a log book for that placement, and to perform satisfactorily as volunteers. Students who do not get a grade of satisfactory for the placement component of this unit will FAIL the unit.

### Readings

There is no textbook for this unit. Readings may be assigned in preparation for each lecture or

tutorial and will be listed on the unit iLearn page. These readings are listed as optional but typically supports areas of lectures that are either not covered in the textbook or provide additional insights into the material.

### iLearn

You will need access to a computer that can reliably connect to the internet to access the unit's iLearn page. Through iLearn you will be able to access the weekly modules and quizzes, readings, and feedback and marks for the assessment tasks. You are also required to submit assessment tasks via iLearn, using the Turnitin submission tool. Please allow time to familiarise yourself with how to access iLearn and how to submit a Turnitin assignment.

- The unit convenor will send important messages through iLearn. Ensure you adjust your settings to receive these notifications.

PLEASE NOTE: It is University policy that the University issued email account (i.e., your.name@students.mq.edu.au) will be used for all official University communication. All students are required to access their University email account frequently. In COGS3999 you should check this account at least weekly. Emails from within the unit will also be sent via the iLearn internal email system, which should be checked often.

## Unit Schedule

Week	Date	Module	Lecturer	Tutorial Topic
1	27th July	Equality, Diversity, & Inclusion	Izzy De Allende	No tutorial
2	3rd August	Organisation & Ethics	Dr Celia Harris & Kandy White	Introductions, group allocations, assessments
3	10th August	Communication	Amanda Crews	Organisation
4	17th August	Reflection	Dr Kath McLachlan	Story Telling
5	24th August	Getting to Why	Dr Nicholas Badcock	Reflection
6	31st August	Parapsychology	Dr Stephanie Howarth	Values, interviews
7	7th September	Evidence-based decision Making	Professor Genevieve McArthur	Science Communication Presentations
Break	14th September			
Break	21st September			
8	28th September	Autism in the Workplace	Professor Liz Pelicano	Seeking Evidence

9	5th October	Career Essentials	Justine McKenna	Cognitive Disorders in the Workplace
10	12th October	Transferrable Skills	Dr Samantha Baggott	Skills Audit & Resumes
11	19th October	Theory to Practice	Professor Max Coltheart, Professor Anne Castles, MURC	Unlikely Jobs
12	26th October			Theory to Practice & PACE Reflection
13	2nd November			PACE Report Presentations

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>). 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](#)
- [Grade Appeal Policy](#)
- [Complaint Management Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#) (**Note:** *The Special Consideration Policy is effective from 4 December 2017 and replaces the Disruption to Studies Policy.*)

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

If you would like to see all the policies relevant to Learning and Teaching visit [Policy Central](https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central) (<https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policy-central>).

## Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/study/getting-started/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)

## Student Support

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

## Learning Skills

Learning Skills ([mq.edu.au/learningskills](http://mq.edu.au/learningskills)) provides academic writing resources and study strategies to help you improve your marks and take control of your study.

- [Getting help with your assignment](#)
- [Workshops](#)
- [StudyWise](#)
- [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

Students with a disability are encouraged to contact the [Disability Service](#) who can provide appropriate help with any issues that arise during their studies.

## Student Enquiries

For all student enquiries, visit Student Connect at [ask.mq.edu.au](http://ask.mq.edu.au)

If you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto:globalmba.support@mq.edu.au)

## 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.