



PSY 246

Cognitive Processes I

S1 Day 2017

Department of Psychology

Contents

<u>General Information</u>	2
<u>Learning Outcomes</u>	4
<u>General Assessment Information</u>	4
<u>Assessment Tasks</u>	5
<u>Delivery and Resources</u>	7
<u>Unit Schedule</u>	7
<u>Policies and Procedures</u>	8
<u>Graduate Capabilities</u>	9
<u>Changes since First Published</u>	12

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

unit convenor

Sachiko Kinoshita

sachiko.kinoshita@mq.edu.au

Contact via by email or 9850 8004

AHH Level 3 south Room 3.803

Mon 8-10; Fri 8-9

lecturer

Jon Brock

jon.brock@mq.edu.au

Contact via by email or 9850 6869

AHH Level 3 south Room 3.821

tutor

Jasmina Vrankovic

jasmina.vrankovic@mq.edu.au

tutor

Daniell Steinberg

daniell.steinberg@mq.edu.au

tutor

Anna Fiveash

anna.fiveash@mq.edu.au

guest lecturer

Teresa Schubert

teresa.schubert@mq.edu.au

tutor

Nicole Dargue

nikki.dargue@mq.edu.au

guest lecturer

Bill Thompson

bill.thompson@mq.edu.au

Tutor

Amanda Killian

amanda.killian@students.mq.edu.au

Tutor

Adam Vujic

adam.vujic@mq.edu.au

guest lecturer

Kim Curby

kim.curby@mq.edu.au

Credit points

3

Prerequisites

[PSYC104 and PSYC105] or [(STAT122 or STAT170(P) or STAT171 or PSY122(P)) and (PSY104(P) or PSYC104) and (PSY105(P) or PSYC105)] or admission to GDipPsych

Corequisites

Co-badged status

Unit description

This unit introduces major topics of cognition including mechanisms of visual and auditory attention, varieties of short and long term memory, language processes such as reading and written word recognition, and storage and retrieval of knowledge of concepts and reasoning. We cannot attend to everything that impinges on the senses so we select and attend only to part of the available input. Selected information must be encoded, used, stored and retrieved. Although the main focus of the unit is on normal adult cognition disorder, a major topic will be the cognitive science of religions. Cognitive processes are also examined and these include acquired dyslexias and various forms of memory impairments. Practical classes will demonstrate phenomena and research findings from various areas of cognition.

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:

By the end of this unit students will be able to: demonstrate knowledge of research findings and theories about foundational aspects of cognitive processes

By the end of this unit students will acquire skills in critical evaluation of research on cognition

By the end of this unit students will acquire an understanding of limits of human cognition

General Assessment Information

General

- The due dates of **Assignment**, **Midsemester test**, and the **Final exam** are fixed.
- The Midsemester test is held during the lecture on Week 6. You must attend the test in person at this time even if you are enrolled in the #Live stream mode.
- If you are unable to sit the Midsemester test or the Final exam due to a **serious and unavoidable cause**, you may submit a **Disruption to studies** notification to seek to sit a supplementary exam at a later date. This needs to be submitted along with supporting documentation (e.g., medical certificate) through <https://ask.mq.edu.au/> within 5 days of the commencement of the disruption. Your request will be assessed by the Faculty Student Office and you will be notified of the outcome by the Faculty Student office.
- Refer to the Disruption to studies policy (see below under Policies and Procedures) for what constitutes a serious and unavoidable cause

Assignment Extension

- Ordinarily, no extension is given for the assignment; late submission without an extension will incur a late penalty of 5% of the total mark for the assignment per day (i.e., .75% per day of the total assessment.) No submission will be accepted once the marks are released and feedback is given.
- If you are unable to complete the assignment due to a serious and unavoidable cause before the due date, and seeking an extension to have the late penalty waived, submit the Disruption to studies notification BEFORE the due date via <https://ask.mq.edu.au>. The maximum extension given is 1 week.
- For detail of the Disruption to Studies Policy, see the link under Policies and Procedures below.

Supplementary exam

- The supplementary midsemester test is scheduled at a date 2 weeks after the date of the Midsemester test.
- The supplementary exams for the undergraduate psychology units in Semester 1 are scheduled for July 13 and 14 in 2017.

Assessment Tasks

Name	Weighting	Hurdle	Due
<u>Assignment</u>	15%	No	March 23, 2017
<u>Midsemester test</u>	20%	No	April 3, 2017
<u>Research participation</u>	5%	No	throughout semester

Name	Weighting	Hurdle	Due
Final examination	60%	No	Session 1 examination period.

Assignment

Due: **March 23, 2017**

Weighting: **15%**

Short answer questions based on a set journal article.

On successful completion you will be able to:

- By the end of this unit students will acquire skills in critical evaluation of research on cognition

Midsemester test

Due: **April 3, 2017**

Weighting: **20%**

Multiple choice questions based on the lecture and tutorial materials covered up to and including Week 5.

On successful completion you will be able to:

- By the end of this unit students will be able to: demonstrate knowledge of research findings and theories about foundational aspects of cognitive processes

Research participation

Due: **throughout semester**

Weighting: **5%**

Participate in cognition experiments (max. 2.5 hours, 30 minutes = 1%)

On successful completion you will be able to:

- By the end of this unit students will acquire an understanding of limits of human cognition

Final examination

Due: **Session 1 examination period.**

Weighting: **60%**

Multiple choice and short essay questions based on the lecture and tutorial materials for the whole semester

On successful completion you will be able to:

- By the end of this unit students will be able to: demonstrate knowledge of research findings and theories about foundational aspects of cognitive processes

Delivery and Resources

Lectures are held weekly starting on Week 1 on Mondays 10-12 am in X5BT1, and it is live streamed. Lecture recordings are available via Echo360/iLearn.

Practicals (= tutorials) are 1 hour duration and held fortnightly starting on Week 2 (or Week 3, depending on class).

You will need access to the internet, for accessing the unit homepage, lecture recordings (Echo360), online submission of assignment, communication with staff (Dialogue) and fellow students (Discussion forum).

Unit Schedule

<u>Week</u>	<u>Lecture</u>	<u>Lecture topic</u>	<u>Practical topic</u>
1	Feb 27	Introduction & research methods in cognition	-
2	March 6	Attention	Stroop effect
3	March 13	Working memory	Stroop effect
4	March 20	Visual attention and object recognition (KC) Assignment due	Phonological similarity
5	March 27	Episodic memory	Phonological similarity
6	April 3	<u>Midsemester test held during lecture</u>	Levels of processing
7	April 10	Semantic memory	Levels of processing
	April 17-30	Recess	
8	May 1	Concepts and categories	Change detection

9	May 8	Word recognition and reading	Change detection
10	May 15	Language production (WT)	Exam essay writing practice
11	May 22	Thinking and reasoning (JB)	Exam essay writing practice
12	May 29	Cognitive neuropsychology (TS)	Lexical decision
13	June 5	Revision	Lexical decision

Policies and Procedures

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

Academic Honesty Policy http://mq.edu.au/policy/docs/academic_honesty/policy.html

Assessment Policy http://mq.edu.au/policy/docs/assessment/policy_2016.html

Grade Appeal Policy <http://mq.edu.au/policy/docs/gradeappeal/policy.html>

Complaint Management Procedure for Students and Members of the Public http://www.mq.edu.au/policy/docs/complaint_management/procedure.html

Disruption to Studies Policy (in effect until Dec 4th, 2017): http://www.mq.edu.au/policy/docs/disruption_studies/policy.html

Special Consideration Policy (in effect from Dec 4th, 2017): <https://staff.mq.edu.au/work/strategy-planning-and-governance/university-policies-and-procedures/policies/special-consideration>

In addition, a number of other policies can be found in the [Learning and Teaching Category](#) of 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/support/student_conduct/

Results

Results shown in *iLearn*, 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.m](#)

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) provides academic writing resources and study strategies to improve your marks and take control of your study.

- [Workshops](#)
- [StudyWise](#)
- [Academic Integrity Module for Students](#)
- [Ask a Learning Adviser](#)

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

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.

Graduate Capabilities

Creative and Innovative

Our graduates will also be capable of creative thinking and of creating knowledge. They will be imaginative and open to experience and capable of innovation at work and in the community. We want them to be engaged in applying their critical, creative thinking.

This graduate capability is supported by:

Learning outcome

- By the end of this unit students will acquire an understanding of limits of human cognition

Commitment to Continuous Learning

Our graduates will have enquiring minds and a literate curiosity which will lead them to pursue knowledge for its own sake. They will continue to pursue learning in their careers and as they

participate in the world. They will be capable of reflecting on their experiences and relationships with others and the environment, learning from them, and growing - personally, professionally and socially.

This graduate capability is supported by:

Learning outcome

- By the end of this unit students will acquire an understanding of limits of human cognition

Assessment task

- Research participation

Discipline Specific Knowledge and Skills

Our graduates will take with them the intellectual development, depth and breadth of knowledge, scholarly understanding, and specific subject content in their chosen fields to make them competent and confident in their subject or profession. They will be able to demonstrate, where relevant, professional technical competence and meet professional standards. They will be able to articulate the structure of knowledge of their discipline, be able to adapt discipline-specific knowledge to novel situations, and be able to contribute from their discipline to inter-disciplinary solutions to problems.

This graduate capability is supported by:

Learning outcomes

- By the end of this unit students will be able to: demonstrate knowledge of research findings and theories about foundational aspects of cognitive processes
- By the end of this unit students will acquire skills in critical evaluation of research on cognition

Assessment tasks

- Assignment
- Midsemester test
- Final examination

Critical, Analytical and Integrative Thinking

We want our graduates to be capable of reasoning, questioning and analysing, and to integrate and synthesise learning and knowledge from a range of sources and environments; to be able to critique constraints, assumptions and limitations; to be able to think independently and systemically in relation to scholarly activity, in the workplace, and in the world. We want them to have a level of scientific and information technology literacy.

This graduate capability is supported by:

Learning outcomes

- By the end of this unit students will be able to: demonstrate knowledge of research findings and theories about foundational aspects of cognitive processes
- By the end of this unit students will acquire skills in critical evaluation of research on cognition

Assessment tasks

- Assignment
- Final examination

Problem Solving and Research Capability

Our graduates should be capable of researching; of analysing, and interpreting and assessing data and information in various forms; of drawing connections across fields of knowledge; and they should be able to relate their knowledge to complex situations at work or in the world, in order to diagnose and solve problems. We want them to have the confidence to take the initiative in doing so, within an awareness of their own limitations.

This graduate capability is supported by:

Learning outcome

- By the end of this unit students will acquire skills in critical evaluation of research on cognition

Effective Communication

We want to develop in our students the ability to communicate and convey their views in forms effective with different audiences. We want our graduates to take with them the capability to read, listen, question, gather and evaluate information resources in a variety of formats, assess, write clearly, speak effectively, and to use visual communication and communication technologies as appropriate.

This graduate capability is supported by:

Learning outcomes

- By the end of this unit students will be able to: demonstrate knowledge of research findings and theories about foundational aspects of cognitive processes
- By the end of this unit students will acquire skills in critical evaluation of research on cognition

Assessment tasks

- Assignment
- Final examination

Changes since First Published

Date	Description
15/02/ 2017	- Number of questions for the midsemester test changed - Typographical error in the unit schedule (May 18 -> May 8) corrected