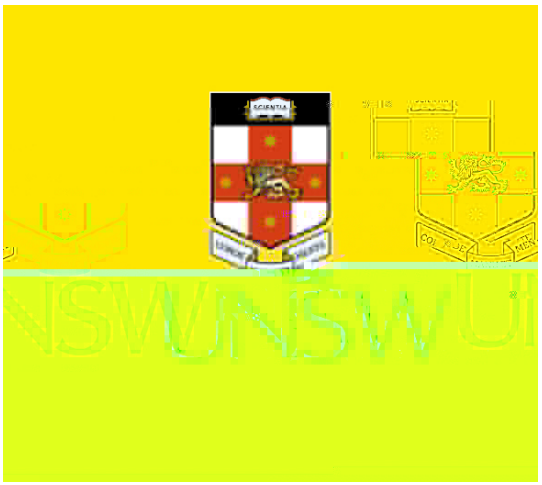

UNSW Course Outline

# PSYC3211 Cognitive Science - 2024

Published on the 30 Jan 2024

## General Course Information

**Course Code :** PSYC3211
**Year :** 2024
**Term :** Term 1
**Teaching Period :** T1
**Is a multi-term course? :** No
**Faculty :** Faculty of Science
**Academic Unit :** School of Psychology
**Delivery Mode :** In Person
**Delivery Format :** Standard
**Delivery Location :** Kensington
**Campus :** Sydney
**Study Level :** Undergraduate
**Units of Credit :** 6

**Useful Links**

Handbook Class Timetable

# Course Details & Outcomes

## Course Description

This course will provide students with an advanced-level understanding of theories, methods and controversies in four key areas of cognitive psychology: 1) Judgment and Decision-making; 2) Theory and Models; 3) Categorisation and Reasoning; and (4) Intelligence and Thinking. As part of the course, students will develop a Research Proposal that investigates a novel issue in cognitive science.

This course is intended for students who are interested in cognitive science. Lectures are delivered in person and recorded for revision purposes. Most of the in-person tutorials are in support of the Research Proposal: students will work in groups to develop and present a proposal. Other tutorials will provide an opportunity for in-depth discussion of course topics. The course also features two short online modules that pursue questions raised in the lectures.

## Course Aims

The aim of this course is to provide students with an advanced-level understanding of the current theories, methods and controversies in four key areas of cognitive science: 1) Judgment and Decision-making; 2) Theory and Models; 3) Categorisation and Reasoning; and (4) Intelligence and Thinking. It will equip students with a broad understanding of the core principles of cognition, and give them the tools to think about how to improve reasoning, decision and memory processes across a range of applied areas (e.g., medical, legal, environmental and financial).

## Relationship to Other Courses

This course provides an advanced treatment of cognitive psychology. It follows on, and assumes knowledge, from PSYC2071 Perception and Cognition.

## Learning and Teaching in this course

This course provides an advanced treatment of cognitive psychology. It follows on, and assumes knowledge, from PSYC2071 Perception and Cognition.

**Lectures:** The primary objective of the lecture course is to investigate cognition in depth and to relate different areas of cognition to each other. You should come away from the course with a good understanding of the main issues in current research on categorisation, reasoning, memory, intelligence and decision making. The main aim is to provide a conceptual understanding of the issues. The mid-session and final exam will test this understanding. We shall attempt to

Judgment and Decision Making, and your ability to evaluate theories and evidence

**Assessment Length**

2000 words

**Assessment information**

**Flexibility in task completion - Short Extension**

If you are struggling to meet the deadline for this assessment task, you may apply for a short extension of _ days.

All short extension applications must be submitted the task's due date.

For details on how to apply, and the conditions on applying, please visit the UNSW Special Consideration website.

**Assignment submission Turnitin type**

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

## Final exam

**Assessment Overview**

The final exam will be worth 45% of the total mark – it will assess

cognitive science.

- CLO2 : Describe, apply and evaluate research methods used in cognitive science.
- CLO3 : Develop and critique scientific arguments by evaluating and synthesising evidence from the literature.
- CLO5 : Describe how knowledge can be synthesised across key topics in cognitive science in order to solve applied problems.

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# Course Schedule

| Teaching Week/Module | Activity |
| --- | --- |

## Recommended Resources

A suggested text for the Decision Making component is Newell et al.

A suggested text for the Intelligence component is: Mackintosh, N.

## Additional Costs

None

## Course Evaluation and Development

We gather student feedback via myExperience, and each year we have 2-4 "student reps" who provide direct feedback to the course organisers. We have used previous feedback to improve the course, for example:

**Previous students told us:**

- The word limit for the Research Proposal was

teaching research skills, and showing how research in Cognitive Science is conducted.
- Adding Q and A sessions at the end of each set of lectures to allow students to ask questions about topics in the lectures that they are unclear about.

**Previous students told us:**
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- Comply with the University's conditions of enrolment.
- Act responsibly, ethically, safely and with integrity.
- Observe standards of equity and respect in dealing with every member of the UNSW community.
- Engage in lawful behaviour.
- Use and care for University resources in a responsible and appropriate manner.
- Maintain the University's reputation and good standing.

For more information, visit the UNSW Student Code of Conduct Website.

## Academic Honesty and Plagarism

**Referencing** is a way of acknowledging the sources of information that you use to research your assignments. You need to provide a reference whenever you draw on someone else's words, ideas or research. Not referencing other people's work can constitute plagiarism.
Further information about referencing styles can be located at https://student.unsw.edu.au/referencing

**Academic integrity** is fundamental to success at university. Academic integrity can be defined as a commitment to six fundamental values in academic pursuits: honesty, trust, fairness, respect, responsibility and courage. At UNSW, this means that your work must be your own, and others' ideas should be appropriately acknowledged. If you don't follow these rules, plagiarism may be detected in your work.
Further information about academic integrity, plagiarism and the use of AI in assessments can be located at:

- The Current Students site,
- The ELISE training site, and
- The Use of AI for assessments site.

The Student Conduct and Integrity Unit provides further resources to assist you to understand your conduct obligations as a student: https://student.unsw.edu.au/conduct

## Submission of Assessment Tasks

### Penalty for Late Submissions

UNSW has a standard late submission penalty of:

- 5% per day,
- for all assessments where a penalty applies,
- capped at five days (120 hours) from the assessment deadline, after which a student cannot submit an assessment, and
- no permitted variation.

*n a a n e H i e l p e s o i a e o n i e i l e h i s r e a e n i s o e i o a e e n a s s s s s*

Students are expected to manage their time to meet deadlines and to request extensions as early as possible before the deadline.

### Special Consideration

If circumstances prevent you from attending/completing an assessment task, you

## Additional Information