



# Course Outline

PSYC3241

Psychobiology of Memory

School of Psychology

Faculty of Science

T1, 2024

Please note that all students and staff must follow relevant University policies related to COVID at all times.

Some links that should be of help in navigating these issues are listed below (note that these links are likely to be regularly updated as policies/situations change):

**<https://www.covid-19.unsw.edu.au/>**

**<https://www.covid-19.unsw.edu.au/information-students>**

**[https://www.student.unsw.edu.au/student-support-unsw?mc\\_cid=6abfed26c1&mc\\_eid=c9dc7010df&mc\\_cid=bb17b6a5c0&mc\\_eid=c9dc7010df](https://www.student.unsw.edu.au/student-support-unsw?mc_cid=6abfed26c1&mc_eid=c9dc7010df&mc_cid=bb17b6a5c0&mc_eid=c9dc7010df)**

## 1. Staff

Position	Name	Email	Consultation times and locations	Contact Details
Course Convenor	Prof. Rick Richardson	<a href="mailto:r.richardson@unsw.edu.au">r.richardson@unsw.edu.au</a>	By appointment, Mathews 511	9385 1048
Lecturer	Prof. Rick Richardson	<a href="mailto:r.richardson@unsw.edu.au">r.richardson@unsw.edu.au</a>	By appointment, Mathews 511	9385 1048
Lecturer	Professor Bronwyn Graham	<a href="mailto:bgraham@psy.unsw.edu.au">bgraham@psy.unsw.edu.au</a>	By appointment 1302 Mathews	9385 3886
Tutors	Tayla McCutcheon Elizabeth Virakorn Jia Teo Angel Roth Maddie Brooke	<a href="mailto:tayla.mccutcheon@student.unsw.edu.au">tayla.mccutcheon@student.unsw.edu.au</a> <a href="mailto:e.virakorn@unsw.edu.au">e.virakorn@unsw.edu.au</a> <a href="mailto:j.teo@unsw.edu.au">j.teo@unsw.edu.au</a> <a href="mailto:a.roth@unsw.edu.au">a.roth@unsw.edu.au</a> <a href="mailto:madison.brooke@unsw.edu.au">madison.brooke@unsw.edu.au</a>	By appointment	Via email

## 2. Course information

<b>Units of credit:</b>	6
<b>Pre-requisite(s):</b>	PSYC2001 and PSYC2081
<b>Teaching times and locations:</b>	<a href="#">PSYC3241 Timetable</a>

### 2.1 Course summary

This course examines research and theory on memory. The focus is primarily on animal research but the application of this work to the understanding of memory in humans will be made explicit. For example, the implications of this work for our understanding of memory disorders in humans, and the origin and treatment of clinical disorders will be discussed. The laboratory component of the course will provide "hands on" experience in observing various aspects of rodent behaviour that are frequently used in studies on the psychobiology of memory and an opportunity for small group discussion/debate on various issues relevant to the material described in the lecture component of the course.

#### Course aims

The overall aim of this course is for students to develop and gain further understanding of the psychobiology of memory. Behavioural experiments demonstrating the basic concepts associated with memory, and forgetting, will be described as will experiments that are aimed at determining the neural bases of memory and forgetting

## **2.2 Course learning outcomes (CLO)**

At the successful completion of this course the student should be able to:

1. Demonstrate an advanced level of

### 2.3 Relationship between course and program learning outcomes and assessments

Program Learning Outcomes					
CLO	1. Knowledge	2. Research Methods	3. Critical Thinking Skills	4. Values and Ethics	5.

## 3. Strategies and approaches to learning

### 3.1 Learning and teaching activities

This course provides an advanced treatment of the neuroscience of learning and memory. It follows on, and assumes knowledge, from PSYC2081 Learning and Physiological Psychology. This course is complementary to PSYC3051 Physiology Psychology in the sense that both courses provide an advanced perspective on issues in biological psychology.

The laboratory component of the course will provide opportunities for observing various aspects of rodent behaviour that are frequently used in studies on the psychobiology of memory and an opportunity for small group discussion/debate on various issues relevant to the material described in the lecture component of the course.

Attendance is recorded in the tutorial/lab component of the course. In order to meet the Course Learning Outcomes attendance at tutorials is essential in accordance with UNSW Assessment Implementation Procedure. Students are required to attend at least 80% of tutorial/lab classes, and be punctual in this attendance (i.e., coming late may mean that you will be marked as absent). **Students should ensure that their name has been marked on the class roll for each class that they attend.** Failure to meet these specified attendance requirements may result in course failure.

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arrangements need to be made regarding access to the course material. Letters of support must be emailed to the course coordinator as soon as they are made available.

## **4. Course schedule and structure**

Each week this course typically consists of approximately 2 hours of lecture material, 1.25 hours of

<b>Week 5</b>	Behavioural and neural aspects of fear extinction (Part 3)	Animal exercises	see course Moodle page for details for any
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## 5. Assessment

### 5.1 Assessment tasks

All assessments in this course have been designed and implemented in accordance with UNSW Assessment Policy.

Assessment task	Length	
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tutorials or in designated online modules in Weeks 4-10 may also be assessed. Note that **the material covered on the midterm exam will not be examined in the final exam.**

## **5.2 Assessment criteria and standards**

Further

## **6. Academic integrity, referencing and**

## 7. Readings and resources

<b>Textbook</b>	Nil
<b>Course information</b>	Available on Moodle
<b>Required readings</b>	<a href="#">School of Psychology Student Guide.</a> Refer to Section 4 of this outline and the Assessable Readings listed under each week on Moodle
<b>Recommended internet sites</b>	<a href="#">UNSW Library</a> <a href="#">UNSW Learning Centre</a> <a href="#">ELISE</a> <a href="#">Turnitin</a> <a href="#">Student Code of Conduct</a> <a href="#">Policy concerning academic honesty</a> <a href="#">Email policy</a> <a href="#">UNSW Anti-racism policy statement</a> <a href="#">UNSW Equity and Diversity policy statement</a> <a href="#">UNSW Equal opportunity in education policy statement</a>

## 8. Administrative mat