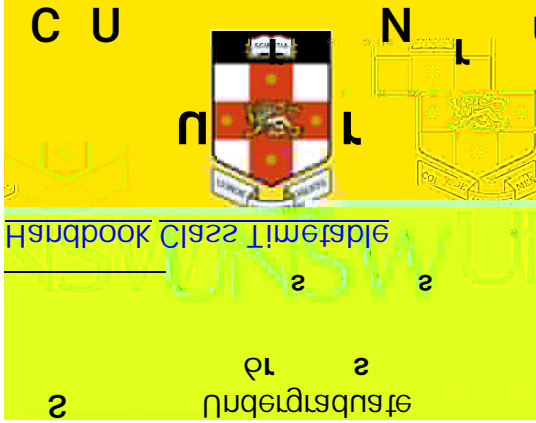


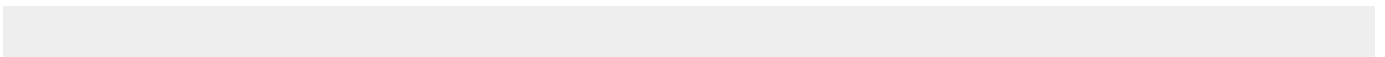
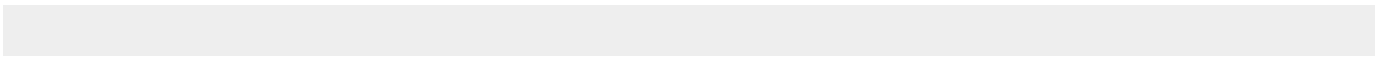
In this course, students will gain hands on experience of the psychological research process, by



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undertaking an internship in a lab within the School of Psychology. Workshops will focus on the replication crisis in psychological science, equipping students with knowledge of open science practice and research skills that are relevant to their research lab work. During tutorials, students will learn how to wrangle, visualise, and report data analysis in R. During the course,



	<ul style="list-style-type: none"> • Verification report • Learning blog
CLO4 : Work in a team to achieve common goals, evaluating the effectiveness of their own and others' contribution to a collaborative project.	<ul style="list-style-type: none"> • Group presentation
CLO5 : Communicate project outcomes in both oral and written formats.	<ul style="list-style-type: none"> • Group presentation • Verification

knowledge, develop coding skills in R, work with data in an open and collaborative way. Students will develop critical thinking skills, learn to evaluate and synthesize information, and practice scientific research communication skills in both oral and written forms. The principal form of teaching is based on hands-on group problem-solving; internship students will have the opportunity to learn with and from peers, tutors, and lecturers, as well as PhD and honours students in their assigned lab. It is up to the students to take responsibility for and reflect on their own learning. Reflective practice forms a major part of the learning log assessment.

This course does not involve lecture content. The cohort will meet several times throughout the session to discuss assessment, reproducibility, and open science benefits and challenges. These workshops will be held in-person on Tuesday afternoons (1-3pm) in Weeks 1-3, 5, 8, and 10. Attendance at these workshops is mandatory. Group presentations will be in the workshop session in Week 8.

There will be an online coding module to complete in Weeks 1 - 5. These modules will cover how to use RMarkdown and read data into R, how to use ggplot to produce a range of visualisations, how to clean and summarise data using dplyr, best practices in data project workflows and how to install R on your machine. Each module takes ~ 2 hours to complete.

Coding labs will be held in-person. Each student will be assigned to the same laboratory session as the rest of their group members. Laboratory sessions are an opportunity for students to consolidate skills learned in the online coding modules, ask their tutor for help and work with their group on their verification project.

Workshops and labs are run in a "flipped" mode. Students



two feedback comments on blog posts from your peers. Each post is due by Sunday 11:59pm of the assigned week and is worth 1% of your final grade; the peer feedback comments are due within 1 week of the post deadline and are worth an additional 1%.

to the forum post with a 200-300 word reflection (1%)

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	Laboratory	Lab: Group project work
	Assessment	Learning log 3 due Sunday 11:59pm
Week 7 : 10 July - 14 July	Assessment	Learning log 4 due Sunday 11:59pm
	Laboratory	Lab: Group project work
Week 8 : 17 July - 21 July	Laboratory	Lab: Individual report work
	Workshop	Group presentations
Week 9 : 24 July - 28 July	Assessment	Learning log 5 due Sunday 11:59pm
	Laboratory	Lab: Individual report work
Week 10 : 31 July - 4 August	Workshop	Workshop: Learning new things in R
	Laboratory	Lab: individual report work
	Assessment	Final Verif cation Report

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Please note that lecture recordings are not available for this course. Students

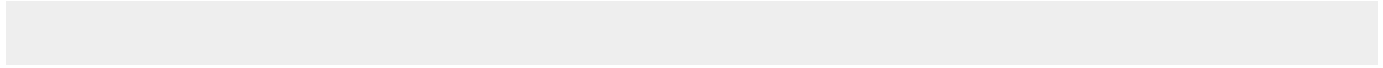
Labs/tutorials are scheduled on Thursdays (either 11-1pm or 2-4pm) in Weeks 1-5 and 7-10. You must attend your scheduled lab because your group work peers have been assigned to the same lab session.

Attendance at workshops and labs is mandatory.

In addition to workshops, coding, modules, and labs/tutorials, students are expected to get involved in the research activities going on in their assigned lab and to attend the lab meeting each week.

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Feedback will be collected via myExperience survey. See how we have used feedback to improve the course in the [My Feedback matters](#) section



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is a way of acknowledging the sources of information that you use to research

