



## 1. Staff

Position	Name	Email	Consultation times and locations	Contact Details
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3. Develop advanced critical thinking skills with the focus on research methods and data analysis of behavioural sciences enabling you to assess the validity of conclusions based on statistical analysis of empirical evidence.
4. Develop understanding of the values, research and professional ethics in experimental research, enabling you to value empirical evidence in research and data analysis in behavioural sciences.
5. Demonstrate advanced communication skills in the area of statistics and research methods, enabling you to effectively communicate, in a variety of formats, the results of directional and confidence inferences regarding the estimates of treatment effect outcomes, experimental results and conclusions.
6. Apply advanced knowledge about statistics, research methods and research ethics in behavioural sciences enabling you to identify both intentional and unintentional errors in data analysis and presentation.

## 2.4 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. Communication, Interpersonal and Teamwork	6. Application	Assessment
1.	Lectures Tutorials Online activities Readings Formative revision quizzes	Lectures Tutorials Online activities Readings Formative revision quizzes	Tutorials Online activities Readings Formative revision quizzes	Tutorials Online activities Readings Formative revision quizzes	Tutorials Study Group Forum	Tutorials Online activities Study Group Forum	Quiz (Week 1-6) Data Analysis Research Report
2.		Tutorials Online activities Formative revision quizzes	Tutorials Study Group Forum			Tutorials Online activities	Quiz (Week 1-6) Data Analysis Research Report
3.	Lectures Tutorials Online activities Readings Formative revision quizzes	Tutorials Online activities Readings Formative revision quizzes	Lectures Tutorials Online activities Readings Formative revision quizzes		Tutorials Study Group Forum		Quiz (Week 1-6) Data Analysis Research Report
4.		Tutorials Online activities		Tutorials Online activities	Tutorials		

		Readings Formative revision quizzes		Readings Formative revision quizzes	Study Group Forum		Data Analysis Research Report
5.					Tutorials Study Group Forum		Data Analysis Research Report
6.		Tutorials Online activities Readings Formative revision quizzes	Tutorials Online activities Readings Formative revision quizzes			Tutorials Online activities Readings Formative revision quizzes	Quiz (Week 1-6) Data Analysis Research Report

## 3. Strategies and approaches to learning

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### 3.1 Learning and teaching activities

This is a fully online course, all materials, lectures and tutorials are delivered through Moodle.

The course web page is available through the e-learning Moodle site:

<https://moodle.telt.unsw.edu.au/login/index.php>. Login with your student number and password, and follow the links to the PSYC page.

The course will be delivered over six weeks, covering six major topic areas. The major topics will be delivered in Weeks 1 to 6, with a new topic presented each week. Students are expected to engage with all materials delivered each week. There will be a combination of formative and summative assessments throughout the course. The expected level of engagement is 18-19 hours per week, including preparation for the quizzes and written assessments.

Each week students can expect the following:

**Lectures** will be digitally recorded. Links to the lecture recordings will be available on the course web page. Lecture slides will be also available on the Moodle course page. This will be broken down into 5-6 lectures covering the main concepts for each sub-topic of the week

**Online Tutorials** will be held in weeks 1-6. There are six (6), two (2) hour tutorials delivered through Blackboard Collaborate on the Moodle course page each week. All tutorials will be live streamed for synchronous participation and recorded for asynchronous participation, should a student be unable to join the synchronous tutorial at the designated time. Students will be able access the recorded tutorials for the remainder of the course. Tutorial discussions are based on lecture content and readings. In order to participate in class discussions, you will need to prepare for tutorials by reviewing the available materials.

**Online activities:** Each week there will be a range of online activities, including formative revision quizzes, interactive learning modules using a range of adaptive learning platforms. These activities will allow students to explore the topics of the week in greater depth and provide formative assessment for the students and revision opportunities.

**Readings:** There will be assigned readings each week that cover the major topic of the week. Students will need to read the scientific journal articles in order to prepare for the online tutorials. In addition, as part of this preparation students are encouraged to post one comment/discussion point on the Group Forum and reply to the comment of at least two other students in the course (**4.5 hours**).

**The Group Forum** connects students in the course to encourage discussion of weekly content, revision, or topics of interest with each other. Regular engagement in the Group Forum will help students gain an understanding of the material, critique the contributions of fellow students, and help develop written communication skills.

**The Q and A Discussion Forum** provides students with an opportunity to question and clarify the concepts and ideas mentioned in the lectures. Students are strongly encouraged to engage with this forum by posting questions or comments, and reading, answering, or replying to other posts to enhance understanding of the content, critical thinking, and written communication skills.

Formative topic revision quizzes are available for students that provide an opportunity to evaluate understanding of course material on a weekly basis. Timely completion of the weekly quizzes will assist students in gaining a proper understanding of each topic so that this knowledge can be built on in future content. The formative revision quizzes will be available through the MindTap section



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

Each week this course typically consists of 2-2.5 hours of lecture material, 2 hours of





**Week 6**

**Finding relationships in categorical data**

Lecture 1 and 2: chi-square and test for goodness of fit

Lecture 3 and 4: Assumptions for the chi-square tests

Lecture 5 and 6: Effect size and chi-square tests

Online tutorial discussion based on lectures and readings. Students will discuss the chi-square tests which use sample frequencies and proportions to test hypotheses about the corresponding population values.

Online activities based on lectures and assigned readings

Formative revision quizzes

Additional

## 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	Weight	Mark	Due date (normally midnight on due date)
<b>Assessment 1:</b> (Week 1-6)	Quiz	20 MCQ questions per quiz	30%	30	Sunday 11:59pm week of

**Late penalties:** deduction of marks for late submissions will be in accordance with School policy (see: Psychology Student Guide).

**Special Consideration:** Students who are unable to complete an assessment task by the assigned due date can apply for special consideration. Special consideration applications must be submitted to Student Central within 3 working days of the assessment due date along with a physical copy of the supporting documentation. Students who have experienced significant illness or misadventure during the asses control are eligible for special consideration (see - <https://student.unsw.edu.au/special-consideration>)

In the case of take-home assessment tasks, misadventure must occur for at least 3 consecutive days during the assessment period. If approved, students may be given an extended due date to complete take-home assessments, or an alternative assessment may be set.

**Alternative assessments:** will be subject to approval and implemented in accordance with UNSW Assessment Implementation Procedure.

**Supplementary examinations:** There will be no supplementary examinations available due to the intensive nature of the course. Please refer to the Graduate Diploma Student Guide for policies and procedures relating to misadventure.

## 5.4. Feedback on assessment

Feedback on all pieces of assessment in this course will be provided in accordance with UNSW Assessment Policy.

Assessment	When	Who	Where	How
Assessment 1: Quiz (Week 1-6)	Monday following quiz	6053>180400		

**Academic integrity** is fundamental to success at university. Academic integrity

