



## 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**

### **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



## **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

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

