

# ISN201

## Psychology Research Methods

### Unit Description

In **Psychology Research Methods**, students will learn to describe important guiding philosophical principles and ethical issues underlying psychological theory and research through an in depth understanding of the main research designs used in psychology. Students will learn to apply a range of advanced data analysis techniques and develop the ability to calculate and interpret experimental designs, factorial designs, correlational research, and single subject research designs.

### Required Textbooks and Readings

Gravetter, F., & Forzano, L. (2012). *Research Methods for the behavioural sciences*. (4<sup>th</sup> Ed.). Belmont, CA: Wadsworth.

\*Textbooks may be subject to change prior to the start of semester

### Administrative Details

Associated higher education awards	Duration	Core or Elective	Level	Unit Coordinator	Other Teaching Staff
Bachelor of Psychology	One semester	Core	Second year, Semester 1	TBA	TBA

### Learning Outcomes and Assessments

Learning outcomes for Unit	Assessment tasks		
	Type	When assessed – year, session and week	Weighting (% of total marks for unit)
Describe important guiding philosophical principles and ethical issues underlying psychological theory and research	Exam [60 item multiple choice items and 5 short answer test items]	Year 2, semester 1, week 14	40%
Describe the main research designs used in psychology and apply a range of advanced data analysis techniques using SPSS	Exam – see above		
Work through case studies with associated data sets demonstrating research decision making and associated statistical analysis	Written assignments [total = 1500 words]	Year 2, semester 1, various weeks	40%
Demonstrate strategies that successfully answer both laboratory and applied research questions	Written assignments – see above		
Develop the ability to calculate and interpret the following: experimental designs, factorial designs, correlational research, and single subject research designs	Tutorial activities (various data collection and statistical analysis exercises)	Year 2, throughout semester 1	20%



### **Delivery mode**

Face to face on site with E-learning (online) components;

Full-time or Part-time study

### **Pre-requisites and co-requisites**

Pass or higher in all Year 1 units

### **Other Resource and Requirements**

None

### **Unit weighting as a percentage of the year**

Unit credit points	Total course credit points
12.5	400

### **Student workload**

No. timetabled hours per week	No. personal study hours per week	Total workload hours per week
4 (1x2 hour lecture; 1x1 hour face-face tutorial and 1x1 hour online activities)	6	10

*\*Unit outlines may be subject to change. The most up-to-date outlines will be provided to students once the semester commences.*