

ISN403 RESEARCH METHODS

Unit Description

Research Methods introduces students to quantitative advanced research methods including: ANCOVA, MANOVA, discriminant function analysis, regressions, and data reduction via factor analysis. Qualitative research methodologies such as grounded theory and discourse analysis will be taught. Students will demonstrate the ability to use established data sets to complete various quantitative and qualitative analyses, along with a mixed method analysis and a report integrating both data sets. Critical decision making and understanding the issues within statistics and design is required to ensure completion of appropriate qualitative and quantitative analyses.

Administrative Details

Associated higher education awards	Duration	Core or Elective	Level
Bachelor of Psychological Science (Honours)	One semester	Core	Fourth year, Semester 1

Unit weighting as a percentage of the year

Unit credit points	Total course credit points
12.5	100

Student workload

No. timetabled hours per week	No. personal study hours per week	Total workload hours per week
4-hours (1 x 2-hour lecture; 1 x 1-hr face-to-face tutorial; 1 x 1-hr online activities)	6-hours	10-hours

Learning Outcomes and Assessments

Learning outcomes for Unit: Upon successful completion of this unit, the student should be able to:
I. Understand quantitative advanced research methods including: ANCOVA; MANOVA; discriminant function analysis; regressions; and data reduction [factor analysis].
II. Understand qualitative research methodologies
III. Demonstrate the ability to use established data sets to complete various quantitative and qualitative analysis
IV. Demonstrate the ability to complete a mixed method analysis and complete a report integrating both data sets.
V. Understand issues of statistics and design and demonstrate critical decision making to ensure completion of appropriate qualitative and quantitative analyses on data sets.

Overview of Assessment Tasks

Assessment Tasks	Weighting (% of total marks for unit)	Unit Learning Outcomes
Online Tasks	10%	V
Data Analysis Assignment	40%	III & IV
Examination	40%	I & II
Tutorial Activities	10%	V

Delivery mode

Face to face on site; Full-time or Part-time study

Pre-requisites and co-requisites

None

Other Resource and Requirements

None.

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