Faculty of Science, Medicine and Health
School of Psychology

UNIVERSITY OF WOLLONGONG AUSTRALIA

PSYC250: Quantitative Methods in Psychology

Subject Outline
6 credit points

Subject Information

Autumn, 2026, Wollongong
On Campus

On-Campus Delivery This subject is delivered in-person and includes on-campus or other location-based learning activities that cannot be undertaken by students studying Online/Distance. Students unable to attend campus or any other nominated physical delivery location should not enrol in this subject

Subjects with a delivery mode of On Campus and/or Flexible with International Student enrolments will be delivered in accordance with the ESOS National Code. That is, online learning experiences (such as lectures, tuition, and resources) will be supplementary to in-person learning experiences such as scheduled classes and/or scheduled contact hours.

UOW may need to modify teaching locations, teaching delivery, and assessment delivery at short notice in response to unforeseen circumstances such as health or environmental factors.

For up-to-date information please refer to your subject's Moodle site.

The Faculty of Science, Medicine and Health

The Faculty of Science, Medicine and Health offers a range of undergraduate and postgraduate programs designed to meet the needs of a diverse student population. We carry out world-leading research which is strongly aligned with our teaching program

As a student of our faculty, you will be actively engaged in learning with extensive clinical, laboratory and/or field work experiences, use of advanced educational technologies and opportunities for enriching work experience. More information about the Faculty of Science, Medicine and Health and our School is available on our web pages: https://www.uow.edu.au/science-medicine-health/

Within many of our courses, attending a workplace experience or clinical placement is an exciting part of your course program. Whilst integral to your learning, these health-related placements also let you experience what it's like to work as a professional in real-life workplace settings. More information about requirements for Health Placements is available on our webpage: https://www.uow.edu.au/student/health-placements/

Psychology Inherent Requirements

Inherent requirements are the essential components of a course or unit that demonstrate the abilities, knowledge and skills to achieve the core learning outcomes of the course or unit, while preserving the academic integrity of the University's learning, assessment and accreditation process. The inherent requirements are the abilities, knowledge and skills needed to complete the course that must be met by all students.

3 Year course inherent requirements: 3 year course - University of Wollongong - UOW

Honours course inherent requirements: Honours - University of Wollongong - UOW

Teaching Staff

Teaching Role	Coordinator
Name	Dr Oliver Guidetti
Email	oguidetti@uow.edu.au
Room	41.151
Consultation Times	Please email for appointment

Teaching Role	Lecturer
Name	Assoc Prof Mark Schira
Email	mschira@uow.edu.au
Room	41.G48
Consultation Times	Please email for appointment

Teaching Role	Lecturer
Name	Dr Hasanthi Pathberiya
Email	hasanthi@uow.edu.au
Consultation Times	Please email for appointment

Teaching Staff Additional Information

The full list of teaching staff is yet to be confirmed at the time of preparing this subject outline. Refer to Moodle for most up-to-date information on PSYC250 lecturer and tutor contact details.

Expectations of Students

UOW values are intellectual openness, excellence and dedication, empowerment and academic freedom, mutual respect and diversity, recognition and performance. We will provide a safe, equitable and orderly environment for the University community, and expect each member of our community to behave responsibly and ethically (Student Conduct Rules).

We expect that students demonstrate these values and professional behaviour, both face to face and online, making genuine efforts to complete their studies successfully, arriving on time to class, taking part constructively in class discussions and activities, demonstrating appropriate professional and ethical conduct in all communication with UOW staff and community members, and submitting assignments on time (or completing a request for Academic Consideration in advance if needed).

Appropriate Online Behaviour

The University is committed to providing a safe, respectful, equitable and orderly environment for the University community, and expects each member of that community to behave responsibly and ethically. Students must comply with the University's Student Conduct Rules and related policies including the IT Acceptable Use Policy and Bullying Prevention Policy, whether undertaking their studies face-to-face, online.

For more information on appropriate communication and etiquette in the online environment please refer to the guide Online and Email Etiquette.

Table of Contents

Section A: General Information

Learning Outcomes

Subject Learning Outcomes

On successful completion of this subject, students will be able to:

1. Interpret and evaluate research designs used in psychology
2. Summarise data and calculate relevant statistics by hand and using SPSS and/or jamovi
3. Report results in APA format
4. Design and analyse an empirical study
5. Explain core concepts behind descriptive and inferential statistics
6. Critically evaluate the validity, limitations and ethical implications of AI-generated statistical outputs and interpretations

Subject Description

This subject will give you a solid basic knowledge in data analysis techniques for simple experimental designs and correlational studies. These techniques will be developed around an understanding of experimental and quasi-experimental methods. Considerable attention is given to explaining the conceptual rationale underlying each analysis covered in the subject and its application to research in the behavioural sciences. The need for critical evaluation of AI-generated statistical outputs and interpretations will be discussed. The content of the practical classes entails extensive use of SPSS and/or jamovi, computer-based statistical packages.

Course Handbook

Information about subject pre-requisites, co-requisites and restrictions as well as course completion requirements and Course Learning Outcomes can be found in the Course Handbook.

Subject Details: Practical Activities, eLearning, Readings and Materials

Subject eLearning

The University uses the eLearning system Moodle to support all coursework subjects. The subject Moodle site can be accessed via your SOLS page.

Safety Guidelines

Lab/Practical/Fieldwork/Simulation Safety Guidelines

The rules below are general rules that are required when participating in labs or practical activities. Before commencing these activities, you are to ensure that you understand specific procedures and policy related to safety.

- Before commencing any activity, you are to ensure that you understand specific procedures and policy related to the lab in which you work and safety in general.
- You may need to review a Risk Assessment and complete a Participant Acknowledgement form before commencing any experiments/practical work. These materials will be made available by the lab supervisor/Subject Coordinator.
- You must inform the Subject Coordinator of any medical conditions which may impact upon your ability to participate in these activities before commencing the practical.
- All Reasonable Adjustment cases must be discussed with the Subject Coordinator prior to commencing the activity

- Participation in the lab/practical/field/simulation activities may be denied to students who do not abide by these, and other conditions which may be specified by the Subject Coordinator.
- Never use any equipment or attempt any experiment without checking the safety implications with your laboratory supervisor or experienced delegated laboratory worker.
- Undergraduate students are not permitted to work after hours unless there is appropriate approval and supervision.

FOUNDATIONAL Work Integrated Learning

This subject contains elements of 'Foundational WIL'. Students in this subject will observe, explore or reflect on possible career pathways or a work-related aspect of their discipline.

Additional Subject Details

APAC FOUNDATIONAL COMPETENCIES (LEVEL 1)	
1.1	Comprehend and apply a broad and coherent body of knowledge of psychology, with depth of understanding of underlying principles, theories and concepts in the discipline, using a scientific approach, including the following topics: i. the history and philosophy underpinning the science of psychology and the social, cultural, historical and professional influences on the practice of psychology ii. critical thinking and identification of bias to promote inclusivity iii. psychological health and well-being iv. psychological disorders and evidence-based interventions v. learning and memory vi. cognition, language and perception vii. motivation and emotion viii. neuroscience and the biological bases of behaviour ix. lifespan developmental psychology x. social psychology xi. culturally appropriate psychological assessment and measurement xii. research methods and statistics
1.2	Apply knowledge and skills of psychology in a manner that is reflexive, culturally appropriate and sensitive to the diversity of individuals.
1.3	Analyse and critique theory and research in the discipline of psychology and communicate these in written and oral formats.
1.4	Demonstrate an understanding of appropriate values and ethics in psychology, including those relevant to professional conduct (for example, the PsyBA Code of conduct for psychologists)
1.5	Demonstrate interpersonal skills and teamwork, including establishing and maintaining respectful and culturally safe working relationships with others
1.6	Demonstrate self-directed pursuit of scholarly inquiry in psychology.
1.7	Understand principles of self-care
1.8	Demonstrate ethical use of digital technologies in psychology

Assessment	Weight	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
Assignment 1	15%	X					X		
Mid-Session Quiz	15%	X							
Assignment 2	30%	X							
Research Participation	5%			X			X		
Final Exam	35%	X	X						X

Using Generative Artificial Intelligence (GenAI)

UOW is committed to embracing gen AI as a tool to enhance learning and development of important digital and work-readiness skills.

Your subject coordinator will provide specific guidance on the use of gen AI in your assessment tasks via your Subject Outline and/or your subject Moodle site. If gen AI use is permitted, it should be used thoughtfully, critically, and in ways that support your own learning.

Guidance on appropriate use of AI in assessments, including how to acknowledge GenAI can be found on the Using Generative Artificial Intelligence in Assessment website

You are responsible for all work you submit, and ethical use of gen AI is an important part of maintaining academic integrity. Misuse or unauthorised use may breach the Academic Integrity Policy .

Major Text(s)

Field, A. (2018) Discovering statistics using IBM SPSS statistics. 3rd and 5th. London, Sage Publications.

If there is a textbook available for purchase, you can find the details at University Bookshop
https://unishop.uow.edu.au/

Recommended Readings and Other Resources

Field, A. (2009). *Discovering statistics using SPSS* (3rd ed.). SAGE Publications.
Field, A. (2018). *Discovering statistics using IBM SPSS statistics* (5th ed.). SAGE Publications.

Dr Guidetti's weekly content readings

This is not an exhaustive list of references. Students should also use the library catalogue and databases to locate additional resources.

Additional Materials

Statistical software package.

The main subject textbook, Field (2018), is geared to the International Business Machines (IBM) Statistical Package for the Social Sciences (SPSS) which is available on campus and via virtual machine access (see details on Moodle site)

We will also be making use of JAMOVI, and R!/RStudio, open source free statistical packages. These are installed on UOW managed machines but can also be downloaded to personal machines or accessed via a cloud-based interface for free.

Lectures, Tutorials and Attendance Requirements

Lecture Times *

UOW may need to modify teaching locations, teaching delivery, and assessment delivery at short notice in response to unforeseen circumstances such as health or environmental factors.

For up-to-date information please refer to your subject's Moodle site.

Up to date timetable and delivery information is located at
http://www.uow.edu.au/student/timetables/index.html

You can access your personal timetable by logging into SOLS and selecting 'My Timetable'

Lecture Program *

Week	Commencing	Topics Covered	Readings
1	02 Mar 2026	Unit Introduction; Exploratory Data Analysis (OG)	**Field (3rd ed):** Ch. 1 (research process + descriptive foundations); Ch. 4 (Exploring data with graphs). **Field (5th ed):** Ch. 1 (why stats); Ch. 4 (SPSS environment); Ch. 5 (Exploring data with graphs).
2	09 Mar 2026	Review of One-Sample Tests (OG)	**Field (3rd ed):** Ch. 9: 9.1–9.3 (independent t-test logic and assumptions); 9.4 (SPSS procedure); 9.6 (effect sizes); plus assumptions from Ch. 4 (4.5–4.7: normality & homogeneity). **Field (5th ed):** Ch. 10: 10.2 (looking at differences); 10.5 (the t-test); 10.6 (assumptions); 10.7 (general procedure); 10.8 (two independent means in SPSS); 10.10 (reporting). Plus Ch. 6: 6.4–6.7 (assumptions overview; normality; homogeneity); 6.10 (spotting normality visually).
3	16 Mar 2026	Review of Two-Sample Tests (OG)	**PSYC250 Week 3 Lecture Notes.** **Field (3rd ed):** Ch. 8: 8.1–8.3 (one-sample t-test logic and standard error); 8.4 (SPSS procedure); plus Ch. 2 (sampling distributions & NHST foundations). **Field (5th ed):** Ch. 2: 2.4–2.9 (populations, parameters, estimating parameters, standard error, NHST). Ch. 10: 10.5 (t-test logic); 10.7 (general procedure); 10.10 (reporting). Plus Ch. 1.8 (z-scores; standard normal distribution; probability logic).
4	23 Mar 2026	Effect Size and Confidence Intervals, Part 1 & Part 2 (OG)	**PSYC250 Week 4 Lecture Notes.** **Field (3rd ed):** Ch. 2: 2.5.2 (confidence intervals); 2.6.3 (Type I/II errors); 2.6.4 (effect sizes). **Field (5th ed):** Ch. 2.8 (confidence intervals); Ch. 3.7 (effect sizes).
5	30 Mar 2026	Non-Parametric Two-Sample Tests, Part 1 & Part 2 (HP)	**PSYC250 Week 5 Lecture Notes.** **Field (3rd ed):** Ch. 15: 15.3 (Mann–Whitney / Wilcoxon rank-sum); 15.4 (Wilcoxon signed-rank); plus effect sizes (15.3.5; 15.4.5). **Field (5th ed):** Ch. 7: 7.4 (two independent); 7.5 (two related); 7.8 (non-parametric effect size).
6	06 Apr 2026	Mid-Session Quiz (During Regular Lecture Timeslot)	No new readings (quiz week), but the online tutorial will relate to week 5 readings.
7	13 Apr 2026	Correlation and Regression, Part 1 & Part 2 (MS)	**PSYC250 Week 7 Lecture Notes.** **Field (3rd ed):** Ch. 6 (Correlation) + Ch. 7 (Regression: simple regression + assumptions + interpretation). **Field (5th ed):** Ch. 8 (Correlation; esp. 8.4 bivariate) + Ch. 9 (Linear model / regression; esp. the simple regression workflow + interpretation sections).
	20 Apr 2026	**Mid-Session Recess**	

8	27 Apr 2026	Advanced Regression; Resampling and Randomisation Tests (HP)	**PSYC250 Week 8 Lecture Notes.** **Field (3rd ed):** Ch. 7 (multiple regression material) + Ch. 5.7.4 (what to do when assumptions fail / robust approaches; bootstrap discussed). **Field (5th ed):** Ch. 9 (multiple regression material) + Ch. 6.12.3 (robust estimation methods; includes bootstrapping).
9	04 May 2026	One-Way ANOVA, Part 1 & Part 2 (HP)	**PSYC250 Week 9 Lecture Notes.** **Field (3rd ed):** Ch. 10: 10.2 (theory); 10.3 (running one-way ANOVA); 10.4 (output). **Field (5th ed):** Ch. 12 (GLM 1): 12.2 (theory); 12.3 (assumptions); 12.6 (running); 12.7 (interpreting output); 12.9 (reporting).
10	11 May 2026	One-Way Repeated Measures ANOVA; Bonferroni Follow-Up Tests	**PSYC250 Week 10 Lecture Notes.** **Field (3rd ed):** Ch. 10: 10.2.11 (planned contrasts); 10.2.12 (post hoc); 10.3.1 (planned comparisons in SPSS); 10.3.2 (post hoc in SPSS) + Ch. 13: 13.4 (one-way RM ANOVA); 13.4.9 (RM post hocs). **Field (5th ed):** Ch. 12: 12.4 (planned contrasts); 12.5 (post hoc) + Ch. 15: 15.8 (one-way RM ANOVA); 15.10 (post hoc tests).
11	18 May 2026	Kruskal–Wallis Test; Friedman Test; Non-Parametric Post Hoc Testing (HP)	**PSYC250 Week 11 Lecture Notes.** **Field (3rd ed):** Ch. 15: 15.5 (Kruskal–Wallis + post hoc); 15.6 (Friedman + post hoc). **Field (5th ed):** Ch. 7: 7.6 (Kruskal–Wallis); 7.7 (Friedman); 7.8 (non-parametric effect size).
12	25 May 2026	Factorial ANOVA (Two-Way ANOVA); Main Effects and Interaction	**PSYC250 Week 12 Lecture Notes.** **Field (3rd ed):** Ch. 12: 12.2 (theory); 12.3 (SPSS); 12.4 (output incl. main effects/interaction); 12.5 (interaction graphs). **Field (5th ed):** Ch. 14: 14.2 (factorial designs); 14.4 (assumptions); 14.5 (SPSS); 14.6 (output); 14.7 (interaction graphs).
13	01 Jun 2026	Interpreting Human Interactions With Artificial Intelligence; Reporting Results; APA Integration	**PSYC250 Week 13 Lecture Notes.** **Field (3rd ed):** Ch. 12: 12.4.5 (simple effects); 12.4.6 (post hoc); 12.5 (interaction graphs); 12.7 (reporting). **Field (5th ed):** Ch. 14: 14.6 (output); 14.7 (interaction graphs); 14.8 (contrasts); 14.11 (reporting results).
	08 Jun 2026	**Study Recess**	
	13 Jun 2026	**Examinations**	
	20 Jun 2026	**Examinations**	

* The above times and program may be subject to change. Students will be notified of any change via SOLS.

Additional Lecture Comments

OG - Oliver Guidetti
MS - Mark Schira
HP - Hasanthi Pathberiya

For readings:
Field, A. (2009). *Discovering statistics using SPSS* (3rd ed.). SAGE Publications.
Field, A. (2018). *Discovering statistics using IBM SPSS statistics* (5th ed.). SAGE Publications.

Dr Guidetti's Lecture Notes

Recording of Teaching and Learning Activities

The University of Wollongong supports the recording of UOW educational content as a supplemental study tool, to provide students with equity of access, and as a technology-enriched learning strategy to enhance the student experience.

If you make your own recording of a lecture, class, seminar, workshop or any other educational session provided as part of your course of study you can only do so with the explicit permission of the lecturer and those people who are also being recorded.

You may only use educational content recorded through the delivery of subject or course content, whether they are your own or recorded by the university, for your own educational purposes. Recordings cannot be altered, shared or published on another platform, without permission of the University, and to do so may contravene the University's Copyright Policy, Privacy Policy, Intellectual Property Policy, IT Acceptable Use Policy and Student Conduct Rules. Unauthorised sharing of recordings may also involve a breach of law under the Copyright Act 1969.

Most lectures in this subject will be recorded, when they are scheduled in venues that are equipped with lecture recording technology and made available via the subject Moodle site within 48 hours.

Your Privacy - Recording of Teaching and Learning

In accordance with the Student Privacy & Disclosure Statement, and Lecture Recording Procedures when undertaking our normal teaching and learning activities, the University may collect your personal information. This collection may occur incidentally during the recording of lectures in equipped venues (i.e. when your identity can be ascertained by your image, voice or opinion), or via the delivery of online content therefore the University further advises students that:

- Lecture recordings are made available to students, university staff, and affiliates, securely via the Learning Platform;
- Recordings are made available only for the purpose for which they were recorded, for example, as a supplemental study tool or to support equity and access to educational resources;

If you have any concerns about the use or accuracy of your personal information collected in a lecture recording, you may approach your Subject Coordinator to discuss your particular circumstances.

The University is committed to ensuring your privacy is protected. If you have a concern about how your personal information is being used or managed, please refer to the University's Privacy Policy or consult our Privacy webpage https://www.uow.edu.au/privacy/

Tutorial/Seminar/Workshop Times

The Faculty uses the SMP Online Tutorial System and your class times and locations can be found at https://www.uow.edu.au/student/timetables/index.html. Please note that class times on the timetable are provisional and may change.

Tutorial/Seminar/Workshop Program

Where the restrictions require temporary adjustments for delivery and tutorial/seminar/workshop arrangements, any necessary changes will be advised and provided by your Subject Coordinator. Please check Subject Moodle site regularly

Week	Week Commencing	Topics Covered	Readings and Activities
1	02 Mar 2026	No tutorials	
2	09 Mar 2026	Exploratory Data Analysis	**Week 2 Tutorial Slides** + **Week 1 Lecture Readings** (Field 3rd ed: Ch. 1; Ch. 4. Field 5th ed: Ch. 1; Ch. 4; Ch. 5)
3	16 Mar 2026	Review of One-Sample Tests	**Week 3 Tutorial Slides** + **Week 2 Lecture Readings** (Field 3rd ed: Ch. 9 sections; Ch. 4 assumptions. Field 5th ed: Ch. 10; Ch. 6 sections)
4	23 Mar 2026	Review of Two-Sample Tests	**Week 4 Tutorial Slides** + **Week 3 Lecture Readings** (Field 3rd ed: Ch. 8; Ch. 2. Field 5th ed: Ch. 2; Ch. 10; Ch. 1.8)
5	30 Mar 2026	Effect size and confidence intervals	**Week 5 Tutorial Slides** + **Week 4 Lecture Readings** (Field 3rd ed: Ch. 2 sections. Field 5th ed: Ch. 2.8; Ch. 3.7)
6	06 Apr 2026	Recorded Tutorial (**Online**): Non-Parametric Two-Sample Tests	**Week 6 Recorded Tutorial Slides** + **Week 5 Lecture Readings** (Field 3rd ed: Ch. 15.3–15.4. Field 5th ed: Ch. 7.4–7.5; 7.8)
7	13 Apr 2026	Correlation and Regression	**Week 7 Tutorial Slides** + **Week 7 Lecture Readings** (Field 3rd ed: Ch. 6; Ch. 7. Field 5th ed: Ch. 8; Ch. 9)
	20 Apr 2026	**Mid-Session Recess**	
8	27 Apr 2026	Advanced Regression & Resampling	**Week 8 Tutorial Slides** + **Week 8 Lecture Readings** (Field 3rd ed: Ch. 7 + Ch. 5.7.4. Field 5th ed: Ch. 9 + Ch. 6.12.3)
9	04 May 2026	One-way between subjects ANOVA	**Week 9 Tutorial Slides** + **Week 9 Lecture Readings** (Field 3rd ed: Ch. 10. Field 5th ed: Ch. 12)
10	11 May 2026	One-Way Repeated Measures ANOVA	**PSYC250 Week 10 Lecture Notes.** **Field (3rd ed)**: Ch. 10: 10.2.11 (planned contrasts); 10.2.12 (post hoc); 10.3.1 (planned comparisons in SPSS); 10.3.2 (post hoc in SPSS) + Ch. 13: 13.4 (one-way RM ANOVA); 13.4.9 (RM post hocs). **Field (5th ed)**: Ch. 12: 12.4 (planned contrasts); 12.5 (post hoc) + Ch. 15: 15.8 (one-way RM ANOVA); 15.10 (post hoc tests)."
11	18 May 2026	ANOVA by ranks. Kruskal–Wallis Test; Friedman Test; Non-Parametric Post Hoc Testing (HP)	**PSYC250 Week 11 Lecture Notes.** **Field (3rd ed)**: Ch. 15: 15.5 (Kruskal–Wallis + post hoc); 15.6 (Friedman + post hoc). **Field (5th ed)**: Ch. 7: 7.6 (Kruskal–Wallis); 7.7 (Friedman); 7.8 (non-parametric effect size).
12	25 May 2026	Two-way between subjects ANOVA (OG)	**Week 12 Tutorial Slides** + **Week 12 Lecture Readings** (Field 3rd ed: Ch. 12. Field 5th ed: Ch. 14)

13	01 Jun 2026	Interpreting Human Interactions With Artificial Intelligence; Reporting Results; APA Integration	**Week 13 Tutorial Slides** + **Week 13 Lecture Readings** (Field 3rd ed: Ch. 12 sections. Field 5th ed: Ch. 14 sections)
	08 Jun 2026	**Study Recess**	
	13 Jun 2026	**Examinations**	
	20 Jun 2026	**Examinations**	

The above program may be subject to change.

Recent Improvements to Subject

The Faculty of Science, Medicine and Health is committed to continual improvement in teaching and learning and takes into consideration student feedback from many sources including, direct student feedback to tutors and lecturers and responses to the Subject and Course Evaluation Surveys. Feedback is also used to inform comprehensive reviews of subjects and courses.

Weekly online practice material has been provided to help consolidate material from lectures and tutorials.

Extraordinary Changes to the Subject Outline

In extraordinary circumstances the provisions stipulated in this Subject Outline may require amendment after the Subject Outline has been distributed. All students enrolled in the subject must be notified and have the opportunity to provide feedback in relation to the amendment, where practicable, prior to the amendment being finalised.

Learning Analytics

Learning Analytics data (such as student engagement with Moodle, access to recorded lectures, University Library usage, task marks, and use of SOLS) may be used by the Subject Coordinator and your faculty's Head of Students to assist in analysing student engagement, and to identify and recommend support for students identified who may be in need of assistance. If you have questions about the kinds of data the University uses, how we collect it, and how we protect your privacy in the use of this data, please refer to https://www.uow.edu.au/privacy/

Section B: Assessment

Assessment Summary

Assessment Item	Form of Assessment	%
Assessment 1	Assignment	15%
Assessment 2	Quiz	15%
Assessment 3	Assignment	30%
Assessment 4	Participation	5%
Assessment 5	Exam	35%
	TOTAL MARKS	100%

Please note: Copies of student work may be retained by the University in order to facilitate quality assurance of assessment processes.

Assessment 1: Assignment - Short Answer Questions 1

Marking Criteria	Marks for correct answers and intermediate working.
Length	Short answer style questions including calculations and conceptual questions. All working and reasoning to be shown.
Weighting	15%
Assessment Due	27 Mar 2026 (Friday in Session Week 4) Final submission time: 5:00pm
Type of Collaboration	Individual assessment
Style and format	Short answers including numeric calculations and graphs.
Generative AI use	This assessment evaluates students' developing statistical reasoning, interpretation skills, and ability to communicate findings in APA format. Generative AI may be used to support learning and drafting where appropriately acknowledged. However, students remain responsible for all submitted work and must verify the accuracy of any AI-assisted content
Assessment submission	Online via Moodle
Assessment return	Tuesday 21 April 2026
Detailed information	At home assignment based on materials covered in weeks 1, 2, 3 and 4 (including lectures, tutorials and readings) Refer to Section A of the PSYC250 subject outline for information and warning about the use and misuse of GenAI when preparing for assessments. As a requirement for your submission for this assessment task, you must complete a declaration section on GenAI use on Moodle. More detailed information will be available on the PSYC250 Moodle site.

Assessment 2: Quiz - Mid-Session Quiz

Marking Criteria	Multiple choice responses.
Length	20 multiple choice questions in 60 minutes
Weighting	15%
Assessment Due	06 Apr 2026 (Monday in Session Week 6)
Type of Collaboration	Individual assessment
Style and format	Multiple choice response
Generative AI use	Not permitted. This quiz is designed to assess students' independent understanding of statistical concepts and their ability to apply them under

	time constraints. The restriction of GenAI ensures that marks reflect individual competency and decision-making
Assessment submission	Quiz to be completed and submitted online via Moodle during normal PSYC250 lecture time in Week 6 (Monday 6 April 2026). Quiz will cover content from Weeks 1–5 inclusive. Final submission time: 5:30pm.
Assessment return	Monday 27 April 2026
Detailed information	Online multiple choice quiz on material covered in lectures weeks 1 – 5. GenAI use is not permitted for this assessment.

Assessment 3: Assignment - Short Answer Questions 2

Marking Criteria	Marks for correct answers and intermediate working.
Length	Short answer style questions including calculations and conceptual questions. All working and reasoning to be shown.
Weighting	30%
Assessment Due	22 May 2026 (Friday in Session Week 11) Final submission time: 11:30pm
Type of Collaboration	Individual assessment
Style and format	Short answers and numerical calculations Refer to Section A of the PSYC250 subject outline for information and warning about the use and misuse of GenAI when preparing for assessments. As a requirement for your submission for this assessment task, you must complete a declaration section on GenAI use on Moodle. More detailed information will be available on the PSYC250 Moodle site.
Generative AI use	This assessment evaluates higher-level data analysis, interpretation, and critical evaluation skills. Where used, GenAI must be declared and critically evaluated. Students are expected to independently verify all outputs and demonstrate ownership of reasoning
Assessment submission	Online via Moodle
Assessment return	Monday 15 June 2026
Detailed information	At home assignment focused on materials covered in Weeks 1–9 inclusive

Assessment 4: Participation - Research Participation

Marking Criteria	To earn the research credits it is necessary to participate in studies and to reflect on one. Marks will be awarded proportionate to the number of research credits earned and short answer style reflection items completed. All grading will be satisfactory/unsatisfactory. Equivalent marking criteria will be used for the alternative activity, a journal summary activity (i.e. proportionality and satisfactory/unsatisfactory)
Length	2% for each hour of face to face research participation and 1% for each hour of online participation up to 5%. Alternative: Summarize 3 journal articles from those available on Moodle (1 2/3 % for each)
Weighting	5%
Assessment Due	12 Jun 2026 (Friday in Study Recess Week 1) Final submission time: 11:30pm
Type of Collaboration	Individual assessment
Style and format	Participation/summary and responses to online short answer questions.

Generative AI use	Not permitted for reflection components. This task assesses personal engagement and reflective insight, which must represent the student's own learning
Assessment submission	Online via Moodle
Assessment return	Friday 3 July 2026
Detailed information	Please see research participation section of PSYC250 Moodle site. Refer to Section A of the PSYC250 subject outline for information and warning about the use and misuse of GenAI when preparing for assessments. As a requirement for your submission for this assessment task, you must complete a declaration section on GenAI use on Moodle. More detailed information will be available on the PSYC250 Moodle site.

Assessment 5: Exam - Final Exam

Marking Criteria	Correctness of multiple choice and short answer responses.
Length	34 multiple choice and one short answer question in two hours.
Weighting	35%
Assessment Due	The final exam will be held during the UOW exam period, and students should ensure they are available during this period. Students will receive a SOLSmail advising when full details of the delivery format, and date of the final exam are available in the SOLS Exam Timetable.
Type of Collaboration	Individual assessment
Style and format	Multiple choice and short answer questions to be completed in handwritten format.
Generative AI use	Not permitted. The final examination assesses independent statistical reasoning, interpretation, and application skills under invigilated conditions. GenAI use is restricted to preserve academic integrity and ensure fairness
Detailed information	End-of-session invigilated exam to be conducted in in-person, on-campus format. This will be an open-book exam that includes questions on conceptual understanding, numerical calculations, and interpretation of research findings. Further details will be available on Moodle. GenAI use is not allowed for this assessment.

Additional Assessment Information

Assessment Name	Weeks Covered	Due Date / Time / Location
2026 Mid-Session Quiz	Weeks 1–4	6 April 2026, During Scheduled Lecture Timeslot, Online via Moodle (remote completion permitted)
Short Answer Questions 1	Weeks 1–4	27 March 2026, 5:00pm, Online Submission
Short Answer Questions 2	Weeks 1–9	22 May 2026, 11:30pm, Online Submission
Final Examination	Weeks 1–13	Date TBA, Time TBA, Location TBA

Minimum Requirements to Pass this Subject

To achieve a passing grade in the subject students must achieve a minimum total mark of 50%. All assessment tasks must be submitted.

Students are expected to attend all tutorial classes. Attendance records are kept for all tutorial classes and students are required to attend a minimum of 80% of all tutorials. Where attendance is affected due to illness or misadventure an application for academic consideration should be lodged.

Failure to comply with mandatory minimum requirements for this subject may constitute grounds for the award of a grade of Technical Fail (TF).

Hurdle Assessment

Subjects may include a hurdle assessment. A hurdle assessment is an assessment that requires a minimum level of performance as a condition for passing the subject. Examples include, achievement of a pass grade or above in a skills-based assessment or final examination. Hurdle assessments are applied to subjects to ensure students:

1. meet learning outcomes
2. demonstrate you can complete a task safely and/or meet professional standards.

For more on hurdle assessments see the Assessment and Feedback Policy Section 8: Hurdle Assessments (50-51-52).

Failure to meet a hurdle assessment requirement may constitute grounds for the award of a Technical Fail (TF) grade in this subject.

Should this subject contain a hurdle assessment, it will be stated under the specific assessment in Section B: Assessments.

UOW Grade Descriptors

The UOW Grade Descriptors are general statements that communicate what our grades represent, in terms of standards of performance, and provide a frame of reference to ensure that assessment practice across the University is appropriate, consistent and fair. Grade Descriptors are expressed in general terms so that they are applicable to a broad range of disciplines. Grade Descriptors are available here https://www.uow.edu.au/student/exams/results/. For more information on the UOW grade descriptors refer to the Teaching and Assessment: Assessment and Feedback Policy: Teaching and Assessment: Assessment and Feedback Policy

Assessment Learning Outcome Matrix

Learning Outcomes	**Measures - Assessment weighting**				
	Short Answer Questions 1	Mid-Session Quiz	Short Answer Questions 2	Research Participation	Final Exam
	(15%)	***(15%)***	***(30%)***	***(5%)***	***(35%)***
Interpret and evaluate research designs used in psychology	✓	✓	✓	✓	✓
Summarise data and calculate relevant statistics by hand and using SPSS and/or jamovi	✓	✓	✓		✓
Report results in APA format	✓				
Design and analyse an empirical study	✓				
Explain core concepts behind descriptive and inferential statistics		✓	✓		✓
Critically evaluate the validity, limitations and ethical implications of AI-generated statistical outputs and interpretations					✓

Submission, Retention and Collection of Written Assessment

Assessed work must be handed in by the date and time listed under each assessment task. All assessment tasks must represent the enrolled student's own ORIGINAL work and must not have been previously submitted for assessment in any formal course of study.

Extensions

Students requesting an extension of time to submit an assessment task, deferred exam or exemption of a compulsory attendance requirement, must apply using Academic Consideration through SOLS. Students must apply before, or on the assessment/s due date and where evidence is required, students must provide evidence no later than three working days after the assessable item's due date for their request to be considered. **For information on the Academic Consideration Policy, eligibility requirements and how to apply, see**: https://www.uow.edu.au/student/admin/academic-consideration/

Late Submission of Assessment Tasks and Penalties

Assessed work must be submitted in by the date and time given. If an assessment is submitted late, it will be marked in the normal way, and a penalty will then be applied.

In the absence of an approved request for Academic Consideration in the form of an extension, assessment tasks must be submitted in line with the assessment instructions.

- An assessment task that is submitted late will receive a penalty of 5% of the total possible marks for each 24-hour period, or part thereof, that it is late.
- Work submitted after seven calendar days will not be marked and will be given a mark of 0.
- No assessment task can be handed in for a mark once the assessment task has been returned to students.
- Penalties accrue on each day that the assessment task is late, including Saturday, Sunday and public holidays

Note: Assessments must still be submitted to meet minimum performance requirements even though no mark is to be awarded.

Collection

Students will be notified when they can collect or view their marked assessment. In accordance with University Policy marked assessments will usually only be held for 21 days after the declaration of marks for that assessment.

Retention

The university may retain copies of student work in order to facilitate quality assurance of assessment processes, in support of the continuous improvement of assessment design, assessment marking and for the review of the subject. The University retains records of students' academic work in accordance with the University Records Management Policy and the State Records Act 1988 and uses these records in accordance with the University Privacy Policy and the Privacy and Personal Information Protection Act 1998.

Scaling

Marks awarded for any assessment task or part of any assessment task, including an examination may be subject to scaling at the end of the session. Marks will be scaled only when unpredicted circumstances occur and in order to ensure fairness of marking across groups of students. The method of scaling will depend on the type of scaling required by the circumstances. When scaling is deemed necessary, it will follow a detailed consideration by the Unit Assessment Committee and/or the Faculty Assessment Committee of the marks of the group of students concerned. Scaling will not affect any individual student's rank order within their cohort. For more information please refer to Finalisation of Student Results Policy for details.

Supplementary Assessment

Supplementary assessment may be offered to students whose performance in this subject is close to that required to pass the subject, and are otherwise identified as meriting an offer of a supplementary assessment. For information about eligibility criteria and the form and timing of supplementary assessments see the Supplementary Assessment Procedure

Review and Appeal of Academic Decisions

A student may request an explanation of a mark for an assessment task or a final grade for a subject consistent with the student's right to appropriate and useful feedback on their performance in an assessment task. A student may also seek further explanation for other academic decisions such as Academic Consideration, Supplementary Assessment or Credit for Prior Learning. If a student is not satisfied with the explanation, or have further concerns, they may have grounds for a formal review. For further information refer to Review and Appeal of Academic Decisions Policy

Assessment Quality Cycle

The UOW Assessment Quality Cycle provides a level of assurance that assessment practices across the University are appropriate, consistent and fair. Quality assurance activities are undertaken to support the continuous improvement of assessment and promote good practices in relation to assessment design, marking and review of the subject prior to subsequent delivery.

Academic Integrity

The University's Academic Integrity Policy, faculty handbook and subject guides clearly set out the University's expectation that students submit only their own original work for assessment and avoid plagiarising the work of others or cheating. Re-using any of your own work (either in part or in full) which you have submitted previously for assessment is not permitted without appropriate acknowledgement. Plagiarism can be detected and has led to students being expelled from the University.

The use by students of any website that provides access to essays or other assessment items (sometimes marketed as 'resources'), is extremely unwise. Students who provide an assessment item (or provide access to an assessment item) to others, either directly or indirectly (for example by uploading an assessment item to a website) are considered by the university to be intentionally or recklessly helping other students to cheat. Uploading an assessment task, subject outline or other course materials without express permission of the University is considered academic misconduct and students place themselves at risk of being expelled from the University.

Students should visit the following University website and become familiar with the University's policy on plagiarism Academic Integrity Policy

Referencing

The American Psychological Association (APA) referencing system is to be used. For a comprehensive guide to APA referencing please visit the Library website: https://uow.libguides.com/refcite

Section C: General Advice for Students - Policies and Procedures

Student Services and Support

There are a range of services available to students that are provided free of charge. A good place to get to know services that may be of use to you is the Get Started @ UOW or search for "Get Started @ UOW". Services available include:

Service	Link to information about the service
Aboriginal & Torres Strait Islander	https://www.uow.edu.au/about/services/woolyungah-indigenous-centre/about-us/
Careers advice	https://www.uow.edu.au/student/careers/
Counselling	https://www.uow.edu.au/student/support-services/counselling/
Student Accessibility and Inclusion (SAI)	https://www.uow.edu.au/student/support-services/sai/
Information Tech.	https://www.uow.edu.au/its/index.html?ssSourceSiteId=getstarted
Study Skills	https://www.uow.edu.au/student/support-services/academic-skills/

Student Support Coordinator (SSC)

If you have a temporary or ongoing issue or a problem that is affecting your study, including issues that are related to belonging to an equity group, then the Student Support Coordinators may be able to help. There are Student Support Coordinators available to assist students who are studying at all UOW Campuses and in all UOW Faculties. Contact details can be found on the UOW website: https://www.uow.edu.au/student/support-services/coordinators/

Student Advocacy Service

The Student Advocacy Service (SAS) is free, confidential and independent service for all UOW students. The SAS provides advocacy and referral for a range of academic, procedural and administrative issues. For more information visit: https://www.uow.edu.au/student/support-services/advocacy/

AskUOW

AskUOW is your primary administrative and information contact during your studies.

Our purpose is to ensure students have access to the information they need, at the time they need it. We can help with a wide range of enquiries, including key topics such as:

- Applying for academic consideration
- Fees and scholarships
- Official documentation and student letter requests
- Student forms such as course transfer and leave of absence applications
- Student ID card issuance and replacement
- Subject enrolment
- Transport concession cards and Opal cards
- Updating personal details

Get instant answers 24/7 online using AskUOW. Log in with your UOW username and password.

For further support contact askuow@uow.edu.au or call on 1300 275 869 (1300 ASK UOW) or +61 2 4221 3927.

Library Services

Save yourself time and enhance your studies: connect with information specialists and resources anytime, anywhere.

- For Library support connect with Live Chat or contact the Library.
- For self-help see Frequently Asked Questions or browse Library guides to find information, databases and skills tutorials.
- Research consultations are available to UOW Postgraduate, Honours and Deans Scholar students.

Academic Integrity Policy

Academic integrity involves upholding ethical standards in all aspects of academic work, including learning, teaching and research. It involves acting with the principles of honesty, fairness, trust and responsibility and requires respect for knowledge and its development. The Policy can be found at: https://policies.uow.edu.au/document/view-current.php?id=26

Code of Practice - Research

This Code mandates the current policy and best practice relating to procedures for responsible research. The Code can be found at: https://policies.uow.edu.au/document/view-current.php?id=11

Honours Policy

This policy sets out the responsibilities of all parties involved in managing students undertaking Honours Programs. The Code can be found at: https://policies.uow.edu.au/document/view-current.php?id=36

The Code of Practice - Work Integrated Learning (Professional Experience)

The Code of Practice - Work Integrated Learning (Professional Experience) sets out what is expected from students, the University and Host Organisations in providing work integrated learning professional experience programs. It applies to professional experience programs that form the whole or part of a subject or course offered at the University. The Code assists in promoting a productive work integrated learning experience for students and in promoting relevant UOW Work Integrated Learning Design Principles. https://policies.uow.edu.au/document/view-current.php?id=12

Copyright Policy

The purpose of this Policy is to outline responsibilities and procedures regarding the use of third party copyright material, with the objectives of reducing staff and UOW exposure to the risks associated with the use of third party copyright material, assisting staff to make full legal use of the materials at their disposal by clearly identifying responsibilities and promoting copyright compliance. The Policy can be found at: https://policies.uow.edu.au/document/view-current.php?id=135

Course Progress Policy

The Course Progress Policy establishes the requirements, definitions and procedures to be used in determining the standards of acceptable course progress. The Policy can be found at: https://policies.uow.edu.au/document/view-current.php?id=30

Examination Rules and Procedures

The UOW rules and procedures outline exam conditions, student conduct in exams, and the procedures for exam management. Further information can be found here: https://www.uow.edu.au/student/exams/

Ethical Objection by Students to the Use of Animal and Animal Products in Coursework Subjects

This policy provides a framework for recognition of and responses to students' ethical or religious objection to animal use in coursework subjects at the University of Wollongong. For the purpose of this policy, animal use includes killing of animals in experimental work, dissection of animals that are already dead, use of animal tissues, use of animal-derived products (such as sera). These uses are relevant to teaching and assessment. Further information about this policy can be found here: https://policies.uow.edu.au/document/view-current.php?id=154

Coursework Rules

The Coursework Rules (hereafter the Rules) govern the admission, enrolment, progression through, and qualification for a coursework award offered by the University. Further information can be found here: https://policies.uow.edu.au/document/view-current.php?id=4

Human Research Ethics

The Human Research Ethics Committee protects the welfare and rights of the participants in research activities. Further information can be found here: https://www.uow.edu.au/research-and-innovation/researcher-support/ethics/human-ethics/

Inclusive Language Guidelines

UOW endorses a policy of non-discriminatory language practice in all academic and administrative activities of the University. Further information is available from: https://policies.uow.edu.au/document/view-current.php?id=239

Intellectual Property Policy

UOW's IP Intellectual Property Policy provides guidance on the approach taken to Intellectual Property (IP), including its ownership, protection and exploitation. Further information about the management of IP is available at https://policies.uow.edu.au/document/view-current.php?id=146

Review and Appeal of Academic Decisions Policy

UOW aims to provide a transparent and consistent process for resolving a student concern about an academic decision that has affected their academic progress, including a mark or grade. Further information is available at: https://policies.uow.edu.au/document/view-current.php?id=40

Student Academic Consideration Policy

The purpose of the Student Academic Consideration Policy is to enable student requests for academic consideration for assessable components of a subject to be evaluated in a fair, reasonable, timely and consistent manner throughout the University. **For information on the Policy, eligibility and how to apply see**: https://www.uow.edu.au/student/admin/academic-consideration/

The Student Charter - Your Rights and Responsibilities

The Student Charter is based on principles that guide all members of the University and that promote responsible partnerships within and beyond the University community. https://www.uow.edu.au/student/charter/

Student Assignment of Intellectual Property (IP) Policy

This policy applies to all Students (under-graduate and post-graduate) of the University of Wollongong (UOW). It may also apply to other persons by agreement. This policy sets out the approach taken by UOW in relation to Student assignment of intellectual property. Further information about this policy can be found here: https://policies.uow.edu.au/document/view-current.php?id=146

Student Conduct Rules

These Rules outline the required conduct of students of UOW, and direct staff and students to University Rules, standards, codes, policies, guidelines, procedures and other requirements which specify acceptable and unacceptable student conduct, and the management of alleged student misconduct.
https://policies.uow.edu.au/document/view-current.php?id=6

Teaching and Assessment: Assessment and Feedback Policy

The purpose of this Policy is to set out the University of Wollongong's approach to effective learning, teaching and assessment, including the principles and minimum standards underlying teaching and assessment practice. The Policy can be found at: https://policies.uow.edu.au/document/view-current.php?id=38

Teaching and Assessment: Code of Practice - Teaching

This Code is a key document in implementing the University's Teaching and Assessment Policy and sets out the specific responsibilities of parties affected in relation to learning, teaching and assessment, as well as procedures for teaching staff. The Code can be found at: https://policies.uow.edu.au/document/view-current.php?id=9

Teaching and Assessment: Subject Delivery Policy

This Policy sets out specific requirements in relation to the delivery of Subjects. The policy can be found at:
https://policies.uow.edu.au/document/view-current.php?id=39

Workplace Health & Safety Policy

The Workplace Health and Safety (WHS) unit at UOW aims to provide structures, system and support to ensure the health, safety and welfare of all at the campus. Further information is available from:
https://policies.uow.edu.au/document/view-current.php?id=177