



UNSW Course Outline

PSYC1111 Measuring Mind and Behaviour - 2023

Course Code : PSYC1111
Year : 2023
Term : Term 3
Teaching Period : T3
Delivery Mode : Multimodal
Delivery Format : Standard
Delivery Location : Kensington

General Course Information

Course Code : PSYC1111
Year : 2023
Term : Term 3
Teaching Period : T3
Is a multi-term course? : No
Faculty : Faculty of Science
Academic Unit : School of Psychology
Delivery Mode : Multimodal
Delivery Format : Standard
Delivery Location : Kensington
Campus : Sydney
Study Level : Undergraduate
Units of Credit : 6

Useful Links

[Handbook Class Timetable](#)

Course Details & Outcomes

Course Description

This course provides students with knowledge of the characteristics of the scientific approach in

general, and experimental methodology, design and data analysis in psychology in particular. No prior knowledge of science of psychology is needed. It provides a comprehensive foundation in critical thinking, enabling students to design and plan research, conduct basic statistical analysis, scrutinise and critically evaluate published research, discriminate between evidence-based information and pseudoscience, and effectively communicate statistical and research data in variety of formats and contexts. The course content, including all assessments will be delivered online via Moodle (<https://student.unsw.edu.au/moodle>)

Course Aims

This course will develop students' confidence and skills in understanding, interpreting, evaluating and applying scientific concepts. The course provides the tools necessary to develop systematic, critical and analytical scientific thinking. This course covers foundational knowledge in these areas which will allow students to develop and strengthen research skills in further study of psychology.

Course Learning Outcomes

Course Learning Outcomes
CL01 : Demonstrate an understanding of basic research methods in psychology at an introductory level.
CL02 : Frame research questions and formulate testable hypotheses, operationalize variables, and choose appropriate methods for your own research.
CL03 : Demonstrate creative and critical thinking skills enabling you to apply knowledge of the scientific method in all fields of behavioural sciences.
CL04 : Undertake literature searches and evaluate this information in order to use it appropriately in the research process.
CL05 : Use reasoning and evidence to recognise, develop, defend and criticise arguments and persuasive appeals.
CL06 : Perform basic statistical analysis procedures, draw defensible conclusions and assess the validity of conclusions based on statistical analysis of experimental data.
CL07 : Identify intentional and unintentional errors in research methods, data analysis and presentation, and interpretation of research results.
CL08 : Differentiate between evidence based arguments and speculation in order to identify claims that arise from pseudoscience and recognise major fallacies in human thinking.

Course Learning Outcomes	Assessment Item
CL01 : Demonstrate an understanding of basic research methods in psychology at an introductory level.	<ul style="list-style-type: none"> • Research study critique • Final exam • Participation/ preparation activities
CL02 : Frame research questions and formulate testable hypotheses,	<ul style="list-style-type: none"> • Research report

operationalize variables, and choose appropriate methods for your own research.	<ul style="list-style-type: none"> • Participation/ preparation activities
CLO3 : Demonstrate creative and critical thinking skills enabling you to apply knowledge of the scientific method in all fields of behavioural sciences.	<ul style="list-style-type: none"> • Research report • Final exam
CLO4 : Undertake literature searches and evaluate this information in order to use it appropriately in the research process.	<ul style="list-style-type: none"> • Research report
CLO5 : Use reasoning and evidence to recognise, develop, defend and criticise arguments and persuasive appeals.	<ul style="list-style-type: none"> • Research study critique • Research report
CLO6 : Perform basic statistical analysis procedures, draw defensible conclusions and assess the validity of conclusions based on statistical analysis of experimental data.	<ul style="list-style-type: none"> • Research report
CLO7 : Identify intentional and unintentional errors in research methods, data analysis and presentation, and interpretation of research results.	<ul style="list-style-type: none"> • Research study critique • Final exam
CLO8 : Differentiate between evidence based arguments and speculation in order to identify claims that arise from pseudoscience and recognise major fallacies in human thinking.	<ul style="list-style-type: none"> • Participation/ preparation activities • Research study critique • Final exam

Learning and Teaching Technologies

Moodle - Learning Management System

Learning and Teaching in this course

The course web page is available through the e-learning Moodle site: <https://student.unsw.edu.au/moodle>. Login with your student number and password, and follow the links to the PSYC1111 Measuring Mind and Behaviour page.

All scheduled lectures will be recorded and available on the Moodle course page and through the Echo lecture recordings platform. Lectures slides will be made available prior to the lectures. Face to face tutorials will be delivered on campus, please consult your timetable for times and locations. Online tutorials will be available through the Moodle course page.

Lectures will be digitally recorded. Links to the lecture recordings will be available through the UNSW lecture recordings + portal on the course web page. Lecture slides will be also available on the course page.

Tutorials: There are 5 face to face 1-hour tutorials, held in weeks 1,3,5 7 and 9. These tutorials will all be on campus. Tutorial discussions are based on the lectures and online activities available on the course page. In order to be able to participate in tutorial activities, students are required to complete the assigned activities and read the material related to the online tutorial activities.

Online activities and online tutorial materials will be available on the course website.

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

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

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.

Additional Course Information

Expectations of students

It is expected that students are aware of UNSW Assessment policy and understand how to apply for special consideration if they are unable to complete an assignment/exam due to illness and/or misadventure.

It is expected that students have read through the School of Psychology Student Guide.

Students are expected to keep up to date with online lectures and should attend 80% of Face-to-Face tutorials.

Tutorial attendance is compulsory to ensure students are consistently working towards achieving the foundational graduate competencies required by the APAC Accreditation Standards. These

Accreditation Standards are incorporated in Program and Course Learning Outcomes. Attendance at synchronous tutorials will be recorded. Students must attend 80% of tutorials to be eligible to pass the course. Failure to meet these specified attendance requirements may result in course failure.

Explanations for an occasional absence from a class or requests for permission to be absent

from a class should be discussed with the lecturer/tutor, and where applicable, accompanied by a medical certificate. Under no circumstances will employment be accepted as an excuse not to meet expectations for class participation, group work, or assessments. Remember, the semester times are quite short (final examinations will be upon you before you know it), so it is your responsibility to ensure that you do not fall behind with the ongoing assessment demands of the course.

All news updates and announcements will be made on the 'Announcements' forum on the Moodle page and/or by email. It is the student's responsibility to check Moodle and their student emails regularly to keep up to date.

Students registered with Equitable Learning Services must contact the course co-ordinator immediately if they intend to request any special arrangements for later in the course, or if any special arrangements need to be made regarding access to the course material. Letters of support must be emailed to the course coordinator as soon as they are made available.

Psychology Student Guide: The [School of Psychology Student Guide](#) contains School policies and procedures relevant for all students enrolled in undergraduate or Masters psychology courses, such as:

- Attendance requirements
- Assignment submissions and returns
- Assessments
- Special consideration
- Student code of conduct
- Student complaints and grievances
- Equitable Learning Services
- Health and safety

It is expected that students familiarise themselves with the information contained in this guide

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Research study critique Assessment Format Individual	15%	Start Date 18/09/2023 12:00 AM Due Date 15/10/2023 11:59 PM Post Date 30/10/2023 12:00 AM
Research report Assessment Format Individual	25%	Start Date 02/10/2023 09:00 AM Due Date 12/11/2023 11:59 PM Post Date 27/11/2023 09:00 AM
Final exam Assessment Format Individual	40%	Start Date Exam Period Due Date Exam Period
Participation/preparation activities Assessment Format Individual	20%	Start Date 11/09/2023 12:00 AM Due Date Weeks 1-10

Assessment Details

Research study critique

Assessment Overview

You will be given a study that you will have to critically evaluate for its methodological soundness. Through open ended questions you will be asked to identify the research question, independent and dependent variables; confounding variables etc. The submitted piece will be 500 words (maximum) and due in Week 5. Feedback will be provided online via Moodle within 10 days of the assignment due date.

Detailed Assessment Description

You will be given a study that you will have to critically evaluate for its methodological soundness. Through open ended questions you will be asked to identify the research question, independent and dependent variables; confounding variables etc. The submitted piece will be 500-750 words (maximum) and due in Week 5. Feedback will be provided online via Moodle within 10 days of the assignment due date.

Assessment Length

500-750

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students do not see Turnitin similarity reports.

Research report

Assessment Overview

The purpose of this assessment is to provide the opportunity to develop your research and critical analysis skills. You will be required to write a full research report based on data provided to you. You will need to present a critical review of the literature, formulate a logical argument and present a conclusion based on interpreting the provided data. The report is due in Week 9 and feedback will be provided online via Moodle within 10 days of the assignment due date.

Detailed Assessment Description

The purpose of this assessment is to provide the opportunity to develop your research and critical analysis skills. You will be required to write a full research report based on data provided to you. You will need to present a critical review of the literature, formulate a logical argument and present a conclusion based on interpreting the provided data. Feedback will be provided online via Moodle within 10 business days of the assessment due date.

Assessment Length

2000 words

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students do not see Turnitin similarity reports.

Final exam

Assessment Overview

This 2 hour exam will be a combination of multiple choice and short answer questions. The questions will cover the material covered in weeks 1-10 (inclusive) in lectures, online lecture activities and weekly quizzes, as well as suggested readings. The exam will take place during the UNSW exam period.

Detailed Assessment Description

This will consist of 60 multiple choice questions. The questions will cover the material covered in weeks 1-10 (inclusive) in lectures, online lecture activities and weekly quizzes, as well as suggested readings. The final exam will be delivered online.

Assessment Length

60 Multiple Choice Questions, 2 hour exam

Assignment submission Turnitin type

Not Applicable

Participation/preparation activities

Assessment Overview

Continuous Assessment- Online quizzes, Online Tutorials and Research Participation.

Online weekly quizzes (10%): These quizzes provide you with an opportunity to revise and deepen your knowledge of key concepts in the course. 10 weekly-revision quizzes will be available in weeks 1-10. **You will be awarded 1% for completing each quiz with a score of 65% or greater by Sunday 11:59pm the week it is released.** You may take the quiz as many times as you like, your highest attempt will count towards your grade. The quizzes will remain open for revision until the final exam. Feedback is provided online via Moodle upon completion of each quiz.

Online Tutorials (5%): These activities are designed to prepare you for face-to-face tutorials. You will be awarded 1% for completing each set of online tutorial activities by Monday 9am the following week. Late completions will be possible but will not earn marks. Feedback is provided online via Moodle upon completion of each online tutorial.

Research participation (5%): You will be able to participate in psychological research within the School for 5 points (1 hour of participation equates to 1 point).

Detailed Assessment Description

Online weekly quizzes (total of 10%): will provide you with an opportunity to revise and deepen your knowledge of key concepts in the course. 10 weekly-revision quizzes will be available in weeks 1-10. You will be awarded 1% for completing each quiz with a score of 65% or greater by Sunday 11:59pm the week it is released. You may take the quiz as many times as you like, your highest attempt will count towards your grade. The quizzes will remain open for revision until the final exam. Feedback is provided online via Moodle upon completion of each quiz.

Online Activities (total of 5%): These activities are designed to prepare you for face-to-face tutorials. You will be awarded 1% for completing each set of online tutorial activities by Monday 9am the following week. Late completions will be possible but will not earn marks. Feedback is provided online via Moodle upon completion of each online tutorial.

Research participation (5%): You will be able to participate in psychological research within the School for 5 points (1 hour of participation equates to 1 point).

Assessment Length

varied

Assignment submission Turnitin type

Not Applicable

General Assessment Information

Special Consideration: Students who experience circumstances outside of their control that prevent them from completing an assessment task by the assigned due date can apply for Special Consideration. Special Consideration applications should include a medical certificate or other documentation and be submitted via myUNSW within 3 days of the sitting/due date.

Important note: UNSW has a “fit to sit/submit” rule, which means that if you sit an exam or submit a piece of assessment, you are declaring yourself fit to do so and cannot later apply for Special Consideration. This is to ensure that if you feel unwell or are faced with significant circumstances beyond your control that affect your ability to study, you do not sit an examination or submit an assessment that does not reflect your best performance. Instead, you should apply for Special Consideration as soon as you realise you are not well enough or are otherwise unable to sit or submit an assessment.

Once your application has been assessed, you will be contacted via your student email address and advised of the official outcome. If the special consideration application is approved, you may be given an extended due date, or an alternative assessment/supplementary examination may be set. For more information about special consideration, please visit: <https://student.unsw.edu.au/special-consideration>.

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

Supplementary examinations: will be made available for students with approved special consideration application and implemented in accordance with UNSW Assessment Policy and Psychology Student Guide.

All course assessments have been designed and implemented in accordance with [UNSW Assessment Policy](#).

The APA (7th edition) referencing style is to be adopted in this course. Students should consult the publication manual itself (rather than third party interpretations of it) in order to properly

adhere to APA style conventions. Students do not need to purchase a copy of the manual, it is available in the library or online. This resource is used by assessment markers and should be the only resource used by students to ensure they adopt this style appropriately.

Grading Basis

Standard

Requirements to pass course

Students must receive a composite mark of 50 out of 100 to pass the course.

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 11 September - 15 September	Lecture	Lecture 1- Research Methods: The scientific method (KHB) Lecture 2- Research Methods: Pseudoscience: From anecdotes to true experiments (KHB)
	Tutorial	Tutorial: Scientific Method
	Module	Online Revision Modules for Lecture 1 and 2
Week 2 : 18 September - 22 September	Lecture	Research Methods: Confidence in experimental results: Reliability and validity (KHB) Research Methods: Eliminating confounds (KHB)
	Online Activity	Online Activity: Introduction to Scientific Methods
	Module	Online Revision Modules
Week 3 : 25 September - 29 September	Lecture	Research Methods: Types of research: Observational studies (KHB) Research Methods: Types of research: Correlational studies. (KHB)
	Tutorial	Face to face Tutorial: Reliability, Validity and Confounds
	Module	Online revision Modules

Week 4 : 2 October - 6 October	Lecture	Research Methods: Types of experimental research: True experiments (KHB) Research Methods: Types of experimental research: Quasi- experiments (KHB)
	Online Activity	Online Activity: Research Designs and Method sections
	Module	Online Revision Module
Week 5 : 9 October - 13 October	Lecture	Research Methods: Ethics in research (KHB) Statistics: Descriptive statistics (LKL)
	Tutorial	Face to face Tutorial: Research Designs and Method Sections
	Module	Online Revision Module
	Assessment	Assessment 1: Research Critique due Sunday the 15th October 11:59pm.
Week 6 : 16 October - 20 October	Other	Flexibility Week
Week 7 : 23 October - 27 October	Lecture	Statistics Measures of variability (LKL) Statistics: z-scores (LKL)
	Tutorial	Face to face Tutorial: Data Analysis
	Module	Online Revision Module
Week 8 : 30 October - 3 November	Lecture	Statistics: Introduction to probability (LKL) Statistics: Probability and the samples: The distribution of the sample means (LKL)
	Online Activity	Online Activity: Data Analysis
	Module	Online Revision Module

Week 9 : 6 November - 10 November	Lecture	Statistics: Inferential statistics (Hypothesis testing) (LKL) Statistics: Inferential statistics (Hypothesis testing) (LKL)
	Tutorial	Face to face Tutorial: Data Analysis
	Module	Online Revision Module
	Assessment	Assessment 2: Research Report due Sunday the 12th of November 11:59pm.
Week 10 : 13 November - 17 November	Lecture	Statistics: Relationships in data (LKL) Statistics: Using t-statistics for inferences about population means and mean differences (LKL)
	Online Activity	Online Activity: Data Analysis
	Module	Online Revision Module

Attendance Requirements

Accreditation Standards are incorporated in Program and Course Learning Outcomes. Attendance at synchronous tutorials will be recorded. Students must attend 80% of tutorials to be eligible to pass the course. Failure to meet these specified attendance requirements may result in course failure.

Explanations for an occasional absence from a class or requests for permission to be absent from a class should be discussed with the lecturer/tutor, and where applicable, accompanied by a medical certificate. Under no circumstances will employment be accepted as an excuse not to meet expectations for class participation, group work, or assessments.

General Schedule Information

Lectures will be held in weeks 1-5 and 7-10. All lectures are presented on campus. Lectures will be recorded and available through the Echo 360 system

Face-to-Face Tutorials: There are 5 face to face 1-hour tutorials, held in weeks 1,3,5 7 and 9. These tutorials will all be on campus. Students must attend 80% of tutorials.

Online Activities: Graded online activities will be run throughout weeks 1-10. Please refer to Moodle assessment description for further details.

Course Resources

Prescribed Resources

There are no prescribed resources for this course.

Recommended Resources

No prescribed text. Recommended texts:

Gravetter (2017). Research Methods for the Behavioral Sciences 6th edition

Heiman (2012). Basic Statistics for the Behavioral Sciences 7th edition

Course Evaluation and Development

Feedback will be gathered continuously through forum posts and discussions with the tutors and convenors. Where possible we will make changes throughout the course, such as additional consultation sessions regarding assessments and provide access to additional resources where possible.

Formal feedback is gathered through the myExperience survey. The feedback provided in these surveys is very important for making changes to the course to the following year. We also use this feedback to inform other related courses. We have used student feedback to increase the opportunity for feedback throughout the course and made significant changes to assessment structure through this feedback.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Kate Hutton-Bedbrook	kate@unsw.edu.au			Monday-Friday via email	No	Yes
Lecturer	Lidija Krebs-Lazendic	l.krebs-lazendic@unsw.edu.au			By Appointment	No	No
Tutor	Nura Lingawi	n.lingawi@unsw.edu.au				No	No
	Sophia Liang	sophia.liang@unsw.edu.au				No	No
	Heather Chen	yuting.chen4@student.unsw.edu.au				No	No
	Cassie Ma	cassandra.ma@unsw.edu.au				No	No
	Caitlin Tedesco	c.tedesco@student.unsw.edu.au				No	No
	Jonathon Jacobs	jonathon.jacobs@student.unsw.edu.au				No	No
	Elizabeth Virakorn	e.virakorn@unsw.edu.au				No	No

Other Useful Information

Academic Information

Upon your enrolment at UNSW, you share responsibility with us for maintaining a safe, harmonious and tolerant University environment.

You are required to:

- Comply with the University's conditions of enrolment.
- Act responsibly, ethically, safely and with integrity.
- Observe standards of equity and respect in dealing with every member of the UNSW community.
- Engage in lawful behaviour.
- Use and care for University resources in a responsible and appropriate manner.
- Maintain the University's reputation and good standing.

For more information, visit the [UNSW Student Code of Conduct Website](#).

Academic Honesty and Plagiarism

Referencing is a way of acknowledging the sources of information that you use to research your assignments. You need to provide a reference whenever you draw on someone else's words, ideas or research. Not referencing other people's work can constitute plagiarism.

Further information about referencing styles can be located at <https://student.unsw.edu.au/referencing>

Academic integrity is fundamental to success at university. Academic integrity can be defined as a commitment to six fundamental values in academic pursuits: honesty, trust, fairness, respect, responsibility and courage. At UNSW, this means that your work must be your own, and others' ideas should be appropriately acknowledged. If you don't follow these rules, plagiarism may be detected in your work.

Further information about academic integrity, plagiarism and the use of AI in assessments can be located at:

- The [Current Students site](#),
- The [ELISE training site](#), and
- The [Use of AI for assessments](#) site.

The Student Conduct and Integrity Unit provides further resources to assist you to understand your conduct obligations as a student: <https://student.unsw.edu.au/conduct>

Submission of Assessment Tasks

Penalty for Late Submissions

UNSW has a standard late submission penalty of:

- 5% per day,
- for all assessments where a penalty applies,
- capped at five days (120 hours) from the assessment deadline, after which a student cannot submit an assessment, and
- no permitted variation.

Any variations to the above will be explicitly stated in the Course Outline for a given course or assessment task.

Students are expected to manage their time to meet deadlines and to request extensions as early as possible before the deadline.

Special Consideration

If circumstances prevent you from attending/completing an assessment task, you must officially apply for special consideration, usually within 3 days of the sitting date/due date. You can apply by logging onto myUNSW and following the link in the My Student Profile Tab. Medical documentation or other documentation explaining your absence must be submitted with your application. Once your application has been assessed, you will be contacted via your student email address to be advised of the official outcome and any actions that need to be taken from there. For more information about special consideration, please visit: <https://student.unsw.edu.au/special-consideration>

Important note: UNSW has a “fit to sit/submit” rule, which means that if you sit an exam or submit a piece of assessment, you are declaring yourself fit to do so and cannot later apply for Special Consideration. This is to ensure that if you feel unwell or are faced with significant circumstances beyond your control that affect your ability to study, you do not sit an examination or submit an assessment that does not reflect your best performance. Instead, you should apply for Special Consideration as soon as you realise you are not well enough or are otherwise unable to sit or submit an assessment.

Faculty-specific Information

Additional support for students

- [The Current Students Gateway](#)
- [Student Support](#)
- [Academic Skills and Support](#)
- [Student Wellbeing, Health and Safety](#)
- [Equitable Learning Services](#)
- [UNSW IT Service Centre](#)
- Science EDI Student [Initiatives](#), [Offerings](#) and [Guidelines](#)