



Course Outline

PSYC1111

Measuring Mind and Behaviour

School of Psychology

Faculty of Science

T3, 2022

2.2 Course aims

This course aims to assist students to develop confidence and skills in understanding, interpreting, evaluation and applying scientific concepts. The course also aims to provide 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.

2.3 Course learning outcomes (CLO)

At the successful completion of this course the student should be able to:

1. Demonstrate an understanding of basic research methods in psychology at an introductory level.
2. Frame research questions and formulate testable hypotheses, operationalize variables, and choose appropriate methods for your own research.
3. Demonstrate creative and critical thinking skills enabling you to apply knowledge of the scientific method in all fields of behavioural sciences.
4. Undertake literature searches and evaluate this information in order to use it appropriately in the research process.
5. Use reasoning and evidence to recognise, develop, defend and criticise arguments and persuasive appeals.
6. Demonstrate an understanding of and an ability to perform basic statistical analysis procedures, draw defensible conclusions and assess the

the

tutorial discussion classes.

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

4. Course schedule and structure

Each week this course typically consists of 2 hours of lecture material, 1 hour of synchronous tutorials every second week, 1 hour of online tutorials every second week and 2 hours of online activities. Students are expected to take an additional 5 hours each week of self-determined study to complete assessments, readings, and exam preparation. Please note all lectures, tutorials and assessments will be delivered online.

Week	Lecture topic/s	Tutorial topic/s	Online activities	Self-determined activities
Week 1 12/09/2022	Research Methods: The scientific method (KHB)	Research Methods: Pseudoscience From anecdotes to true experiments(KHB)	Face to face Tutorial: Scientific Method	Online revision modules Assigned reading/s
Week 2 19/09/2022	Research Methods: Confidence in experimental results: Reliability and validity (KHB)	Research Methods: Eliminating confounds (KHB)	Online Tutorial: Introduction to Scientific Methods	Online revision quiz Online activities Assigned reading/s
Week 3 26/09/2022	Research Methods: Types of experimental research: True experiments (KHB)	Research Methods: Types of experimental research: Quasi-experiments (KHB)	Face to face Tutorial:Reliability, Validity and Confounds	Online revision quiz Assigned reading/s
Week 4 03/10/2022	Research Methods: Types of experimental research: Correlational studies. (KHB)	Research Methods: Types of experimental research: Observational studies (KHB)	Online Tutorial: Research Designs and Method sections	Online revision quiz Online activities Assigned reading/s
Week 5 10/10/2022	Research Methods: Ethics in research (KHB)	Statistics: Descriptive statistics (LKL)	Face to face Tutorial: Research Designs and Method Sections	Online revision modules Assigned reading/s

Week 6

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
Assessment 1: Research study critique	750 words	15%	/100	Sunday 16 th October 11:59pm (Week 5)
Assessment 2: Research report	1500-2000 words	25%	/100	Sunday 13 th November 11:59pm (Week 9)
Assessment 3: Final exam	2 hrs	40%	/40	Exam period
Assessment 4: Participation/preparation activities	N/A	20%	/20	Varied

Assessment 1: You will be given a study that you will have to critically evaluate for its methodological

Research participation (4%):

You will be able to participate in psychological research within the School for up to 12 participation hours throughout the semester, **4 of which are compulsory (4%)** and up to 8 optional (up to 4% bonus @ 0.5% per SONA point). You receive a SONA point for each hour of research participation.

The deadline for completing all SONA participation hours is 5pm on Friday 18 November 2021 (Week 10).

By participating in on-going research, you learn first-hand about the ways in which research in psychology is conducted and can appreciate the application of the

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

5.4. Feedback on assessment

Feedback on all pieces of assessment in this course will be provided in accordance with UNSW Assessment Policy.

Assessment	When	Who	Where	How
Final exam	N/A	N/A	N/A	N/A
Research study critique	Within 10 working days	Tutor	Online	Moodle
Research report	Within 10 working days	Tutor	Online	Moodle
Weekly online quizzes	Immediate	N/A	Online	Moodle
Online activities	Immediate	N/A	Online	Moodle
Research Participation	Exam period	N/A	Online	N/A

6. Academic integrity, referencing and plagiarism

8. Administrative matters

The
