



FACULTY OF SCIENCE  
SCHOOL OF PSYCHOLOGY

# PSYC1111

## MEASURING MIND AND BEHAVIOUR

SEMESTER 2, 2016

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1. Information about the Course			
<b>FACULTY</b>	Science		
<b>SCHOOL OR DEPARTMENT</b>	Psychology		
<b>COURSE CODE</b>	PSYC1111		
<b>COURSE NAME</b>	Measuring Mind and Behaviour		
<b>SEMESTER</b>	Semester 2	<b>YEAR</b>	2016
<b>UNITS OF CREDIT</b>	6	<b>LEVEL OF COURSE</b>	
<b>ASSUMED KNOWLEDGE, PREREQUISITES OR CO-REQUISITES</b>	HSC maths, any level		
<b>SUMMARY OF THE COURSE</b>	<p>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. 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. A significant amount of the course content will be delivered online via Moodle (<a href="https://student.unsw.edu.au/moodle">https://student.unsw.edu.au/moodle</a>), allowing students to interact with course material and assess their knowledge at their own pace.</p>		

2. Staff Involved in the Course				
<b>COURSE COORDINATOR</b>				
<b>Name</b>	<b>Phone</b>	<b>Email</b>	<b>Office</b>	<b>Contact Time &amp; Availability</b>
Kathryn Hutton-Bedbrook	9385 2772	kate@unsw.edu.au	Mathews, 910	By appointment
<b>LECTURERS</b>				
<b>Name</b>	<b>Phone</b>	<b>Email</b>	<b>Office</b>	<b>Contact Time &amp; Availability</b>
Kathryn Hutton-Bedbrook	9385 2772	kate@unsw.edu.au	Mathews, 910	By appointment
Lidija Krebs-Lazendic	9385 2772	l.krebs-lazendic@unsw.edu.au	Mathews, 910	By appointment
<b>TUTORS &amp; DEMONSTRATORS</b>				
<b>Name</b>	<b>Email</b>		<b>Contact Time &amp; Availability</b>	
Kathryn Hutton-Bedbrook	kate@unsw.edu.au		<i>Email for an appointment</i>	
Lidija Krebs-Lazendic	l.krebs-lazendic@unsw.edu.au		<i>Email for an appointment</i>	
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Ruth Elijah	ruth.elijah@unsw.edu.au		<i>Email for an appointment</i>	
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Stephanie Roughley	stephanie.kelly@unsw.edu.au		<i>Email for an appointment</i>	
Michelle Satkunarajah	m.satkunarajah@unsw.edu.au		<i>Email for an appointment</i>	

### 3. Course Timetable

Component		Day	Time	Location
Lectures	Research Methods Weeks 1-6	Wed	3-4 pm	Clancy Auditorium
		Fri	10-11am	Clancy Auditorium
	Statistics Weeks 7-12	Wed	3-4 pm	Clancy Auditorium
		Fri	10-11 am	Clancy Auditorium
In-class tutorials	Weeks 2,4,6,8,11,12	Mon	9-10 am, 10-11am 1-2 pm	Mathews 303 Mathews 303 Mathews 303
		Tue	9-10 am, 11 am -12 pm 12-1 pm 2-3 pm	Mathews 125 Mathews 125 Mathews 303 Mathews 303
		Wed	9-10 am 10-11 am 12-1 pm 1-2 pm 4-5 pm	Mathews 303 Mathews 303 Mathews 303 Mathews 303 Mathews 303
		Thu	11 am-12 pm 1-2 pm	Mathews 303 Mathews 313
		Fri	11 am-12pm 12-1 pm	Mathews 130 Mathews 313
Online tutorials	Weeks 3,5,7,9,10	Available on the course website via Moodle: <a href="https://student.unsw.edu.au/moodle">https://student.unsw.edu.au/moodle</a>		
Compulsory and voluntary online activities	Weeks 1-12	Available on the course website via Moodle: <a href="https://student.unsw.edu.au/moodle">https://student.unsw.edu.au/moodle</a>		

*NB. Course timetable details are subject to change without notice. Students are advised to check regularly for updates on the Moodle course site.*

#### 4. Aims of the Course

This course deals with the foundational knowledge about research methods and statistics in psychology. It aims to

- To develop confidence and skills in understanding, interpreting, evaluation and applying scientific concepts;
- To provide the tools necessary to systematic, critical and analytical scientific thinking;
- To provide foundational understanding of ethical issues in scientific research, communication and application of scientific findings.

Emphasis will be placed on critical thinking about published research on contemporary issues in behavioural sciences, including discussion about what distinguishes evidence-based research from pseudoscience.

By the end of this course students should be able to:

- Understand basic research methods in psychology at an advanced level;
- Frame research questions and formulate testable hypotheses; operationalize variables; choose appropriate method for your own research;
- Think creatively and critically about research and apply knowledge of the scientific method in all fields of behavioural sciences;
- Undertake literature searches; locate, evaluate and use information appropriately in the research process;
- Use reasoning and evidence to recognise, develop, defend and criticise arguments and persuasive appeals;
- Understand and being able to perform basic statistical analysis procedures, draw defensible conclusions and assess the validity of conclusions based on statistical analysis of experimental data;
- Identify intentional and unintentional errors in research methods, data analysis and presentation and interpretation of research results;
- Differentiate between evidence based argument and speculation; identify claims that arise from pseudoscience; recognise major fallacies in human thinking.

#### 5. Psychology Graduate Attributes and Associated Course Learning Outcomes

Level of Focus: 0 = No focus; 1 = Minimal; 2 = Minor; 3 = Major	Activities/Assessment
<p>1. <b>Core knowledge and understanding of psychology with regard to:</b></p> <p>1.1. Understanding of the basic characteristics of psychology as a science = 2</p> <p>1.2. Understanding of the history and philosophy of science and psychology = 3</p> <p>1.3. Understanding of the major concepts and historical trends in statistics and research methods in behavioural sciences = 3</p> <p>1.4. Capacity to apply disciplinary knowledge to explaining, predicting and managing human behaviour = 2</p>	<p>Lectures, tutorial exercises and online content will refer to major concepts, empirical findings, and methods from various fields of behavioural research. This knowledge will be assessed in exams and written assessments.</p>
<p>2. <b>Knowledge of research methods in psychology, enabling you to:</b></p> <p>2.1. Describe, evaluate and apply different research methods used in empirical research = 3</p> <p>2.2. Frame research questions and choose appropriate research methodology = 3</p> <p>2.3. Formulate testable hypotheses and operationalise variables = 3</p> <p>2.4. Undertake literature searches and critically analyse theoretical and empirical studies = 3</p> <p>2.5. Understand data analysis and interpretation of research results = 3</p> <p>2.6. Recognise and identify valid and reliable measurements = 3</p>	<p>Lectures, tutorial exercises, online content, and assessments will be designed to directly address research methods in psychology. Two written assessments (Research Study Critique and Research Report) are specifically designed to assess understanding and application of research methods.</p>

<p><b>3. Critical thinking skills</b></p> <p>3.1. Apply knowledge of the scientific method in thinking about problems related to research in all fields of behavioural sciences = 3</p> <p>3.2. Scrutinise information based on research methods and statistical analysis of experimental results = 3</p> <p>3.3. Differentiate between speculation and evidence based information = 3</p> <p>3.4. Use reasoning and evidence to recognise, question and criticise claims that arise from pseudoscience = 3</p> <p>3.5. Use knowledge of the scientific method and statistics in problem solving = 1</p> <p>3.6. Express open-mindedness and intellectual engagement; recognise and defend against prejudice and discriminatory behaviours = 2</p> <p>3.7. Understand the value of empirical evidence = 3</p> <p>3.8. Acknowledge limitations and suggesting future research = 3</p>	<p>Lectures will raise theoretical issues regarding how to quantify and communicate research results. The online content, assessments and tutorial discussions will allow students to demonstrate their critical skills to interpretations of research results in published papers and problem solving.</p>
<p><b>4. Values, research and professional ethics</b></p> <p>4.1. Understand ethical issues surrounding research in psychology = 3</p> <p>4.2. Understand the importance of experimental protocols in experimental research = 3</p> <p>4.3. Acknowledge work of others and intellectual property; respect privacy and human rights in research = 3</p> <p>4.4. Evaluate researchers' behaviour in accordance to Australian Psychological Society Code of Ethics and the complementary Ethical Guidelines =3</p>	<p>Lectures, tutorial exercises, online component and assessments will be designed to teach students how to draw valid conclusions from evidence while respecting professional and research ethics.</p>
<p><b>5. Communication skills</b></p> <p>5.1. Clearly describe and discuss the outcome of experimental research = 3</p> <p>5.2. Articulate valid conclusions of statistical test = 3</p> <p>5.3. Demonstrate effective communication skills in various formats. (e.g. group discussion, written report) = 3</p> <p>5.4. Provide constructive feedback = 2</p> <p>5.5. Develop your arguments and communicate them effectively = 3</p> <p>5.6. Engage in productive discussion = 2</p> <p>5.7. Promote evidence-based approach to research = 1</p>	<p>Online component, tutorial discussions and assessments will be designed to allow students to effectively communicate the outcome of research data analysis.</p>
<p><b>6. Learning and application of psychology</b></p> <p>6.1. Apply principles of empirical research in behavioural science to broader issues and problem solving in everyday life = 1</p> <p>6.2. Apply psychological principles to promote personal development through self-regulation in setting and achieving career and personal goals; self-assess performance accurately; purposefully evaluate quality of one's thinking = 1</p> <p>6.3. Demonstrate a capacity for independent learning, and time management = 2</p>	<p>Lectures, tutorial exercises, online components and assessments will include examples of applied research that will enable students to apply psychological principles to broader everyday issues and to their own personal development. Online components will allow students to learn and assess their knowledge independently and at their own time and pace.</p>

## 6. Rationale for the Inclusion of Content and Teaching Approach

This course provides students with an essential foundation for more advanced psychology courses by focusing on the benefits and limitations of various research designs and the importance of statistical data analysis. It also enables students to design their own experiments, carry out data analysis, draw appropriate conclusions and communicate the outcomes of their research. The online component and the assessments provide students with an opportunity to demonstrate independent learning and application of research skills and critical thinking in variety of problem-solving contexts. All these skills will be of a particular importance to students who are going to conduct their independent research project in the fourth (Honours) year.

## 7. Teaching Strategies

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.

**Lectures** will be digitally recorded. Links to the lecture recordings will be available through the Echo360 portal on the course web page. Lecture slides will be also available on the course page.

**Tutorials** will be held every second week starting from Week 2. There are going to be 6 1-hour tutorials. Tutorial discussions are going to be based on the readings available on the course page. In order to be able to participate in tutorial activities, students are required to read the material before the tutorials.

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

Attendance at lectures and tutorials and participation in all online and tutorial activities is compulsory.

Please note that for every 6-credit-unit course, you are expected to spend an average of **10 hrs per week on that course**—this includes class-time, pre- and post-tutorial preparation, online activities and requirements outside class-time, and the normal study time necessary to adequately complete assignments and examination study.

***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.

## 8. Course Schedule - Lectures

Week	Lecture Topic/Lecturer & Suggested Readings	Online Components
1	<p><b>Wed 3-4 (Clancy) Research Methods:</b> The scientific method (KHB)</p> <ul style="list-style-type: none"> <li>Pelham, B.W., Blanton H. (2013). Conducting Research in psychology: Measuring the Weight of Smoke (4<sup>th</sup> Ed); Chapters 1, 2</li> </ul> <p><b>Fri 10-11 (Clancy) Research Methods:</b> Pseudoscience (KHB)</p> <ul style="list-style-type: none"> <li>Pelham, B.W., Blanton H. (2013). Conducting Research in psychology: Measuring the Weight of Smoke (4<sup>th</sup> Ed); Chapters 1,</li> </ul>	Pre-quiz to gain access to the content
2	<p><b>Wed 3-4 (Clancy) Research Methods:</b> Hits and misses: what evidence do we need to look for? (KHB)</p> <ul style="list-style-type: none"> <li>Stanovich, K .How to think Straight about Psychology: <ul style="list-style-type: none"> <li>Chapter 10: The Achilles heel of human cognition: Probabilistic reasoning;</li> <li>Chapter 12: Making the wrong connections;</li> <li>Chapter 13: Mistaken connections in medicine</li> </ul> </li> </ul> <p><b>Fri 10-11 (Clancy) Research Methods:</b> Confidence in experimental results: Reliability and validity (KHB)</p> <ul style="list-style-type: none"> <li>Pelham, B.W., Blanton H. (2013). Conducting Research in psychology: Measuring the Weight of Smoke (4<sup>th</sup> Ed); Chapter 3</li> </ul>	Weekly quiz and online activities
3	<p><b>Wed 3-4 (Clancy) Research Methods:</b> Eliminating confounds (KHB)</p> <ul style="list-style-type: none"> <li>Pelham, B.W., Blanton H. (2013). Conducting Research in psychology: Measuring the Weight of Smoke (4<sup>th</sup> Ed); Chapter 5</li> </ul> <p><b>Fri 10-11 (Clancy) Research Methods:</b> Types of experiments: From anecdotes to true experiments (KHB)</p> <ul style="list-style-type: none"> <li>Pelham, B.W., Blanton H. (2013). Conducting Research in psychology: Measuring the Weight of Smoke (4<sup>th</sup> Ed); Chapter 5</li> <li>Stanovich, K. How to Think Straight About Psychology. Chapter 11: The role of chance in psychology</li> </ul>	Weekly quiz and online activities
4	<p><b>Wed 3-4 (Clancy) Research Methods:</b> Participant, naturalistic observations and survey methods (KHB)</p> <ul style="list-style-type: none"> <li>Pelham, B.W., Blanton H. (2013). Conducting Research in psychology: Measuring the Weight of Smoke (4<sup>th</sup> Ed), Chapters 4 &amp; 6.</li> </ul> <p><b>Fri 10-11 (Clancy) Research Methods:</b> Types of correlational studies (KHB)</p> <ul style="list-style-type: none"> <li>Pelham, B.W., Blanton H. (2013). Conducting Research in psychology: Measuring the Weight of Smoke (4<sup>th</sup> Ed), Chapter 6.</li> </ul>	Weekly quiz and online activities

5	<p><b>Wed 3-4 (Clancy) Research Methods:</b> Choosing the right experimental design and factorial designs (KHB)</p> <ul style="list-style-type: none"> <li>• Pelham, B.W., Blanton H. (2013). Conducting Research in psychology: Measuring the Weight of Smoke (4<sup>th</sup> Ed), Chapter 9.</li> <li>• Stanovich, K. How to Think Straight About Psychology, Chapter 9: The concept of interaction</li> </ul> <p><b>Fri 10-11 (Clancy) Research Methods:</b> Ethics in research (KHB)</p> <ul style="list-style-type: none"> <li>• Pelham, B.W., Blanton H. (2013). Conducting Research in psychology: Measuring the Weight of Smoke (4<sup>th</sup> Ed), Chapter 2.</li> </ul>	Weekly quiz and online activities
6	<p><b>Wed 3-4 (Clancy) Research Methods:</b> Quasi experimental design (KHB)</p> <ul style="list-style-type: none"> <li>• Pelham, B.W., Blanton H. (2013). Conducting Research in psychology: Measuring the Weight of Smoke (4<sup>th</sup> Ed); Chapter 8.</li> </ul> <p><b>Fri 10-11 (Clancy) Research Methods:</b> Revisions (KHB)</p> <ul style="list-style-type: none"> <li>• No readings</li> </ul>	Weekly quiz and online activities
7	<p><b>Wed 3-4 (Clancy) Statistics:</b> Descriptive statistics (LKL)</p> <ul style="list-style-type: none"> <li>• Gravetter, F.J., Wallnau, L. B. (2015). Statistics for the Behavioural Sciences (10<sup>th</sup> Ed), Chapter 1, p. 1-32 &amp; Chapter 2 p. 33-65</li> </ul> <p><b>Fri 10-11 (Clancy) Statistics:</b> Measures of variability (LKL)</p> <ul style="list-style-type: none"> <li>• Gravetter, F.J., Wallnau, L. B. (2015). Statistics for the Behavioural Sciences (10<sup>th</sup> Ed), Chapter 3, p. 67-98; Chapter 4 p. 99-130</li> </ul>	Weekly quiz and online activities
8	<p><b>Wed 3-4 (Clancy) Statistics:</b> z-scores (LKL)</p> <ul style="list-style-type: none"> <li>• Gravetter, F.J., Wallnau, L. B. (2015). Statistics for the Behavioural Sciences (10<sup>th</sup> Ed), Chapter 5 p. 131-157.</li> </ul> <p><b>Fri 10-11 (Clancy) Statistics:</b> Introduction to probability (LKL)</p> <ul style="list-style-type: none"> <li>• Gravetter, F.J., Wallnau, L. B. (2015). Statistics for the Behavioural Sciences (10<sup>th</sup> Ed), Chapter 6 p. 159-191.</li> </ul>	Weekly quiz and online activities
9	<p><b>Wed 3-4 (Clancy) Statistics:</b> Probability and the samples: The distribution of the sample means (LKL)</p> <ul style="list-style-type: none"> <li>• Gravetter, F.J., Wallnau, L. B. (2015). Statistics for the Behavioural Sciences (10<sup>th</sup> Ed), Chapter 7 p. 193-222.</li> </ul> <p><b>Fri 10-11 (Clancy) Statistics:</b> Inferential statistics (Hypothesis testing) (LKL)</p> <ul style="list-style-type: none"> <li>• Gravetter, F.J., Wallnau, L. B. (2015). Statistics for the Behavioural Sciences (10<sup>th</sup> Ed), Chapter 8 p. 223-266</li> </ul>	Weekly quiz and online activities

**UNSW Break**



Week	Lecture Topic/Lecturer & Suggested Readings	Online Components
10	<p><b>Wed 3-4 (Clancy) Statistics:</b> Using t-statistics for inferences about population means and mean differences (LKL)</p> <ul style="list-style-type: none"> <li>Gravetter, F.J., Wallnau, L. B. (2015). Statistics for the Behavioural Sciences (10<sup>th</sup> Ed), Chapter 9, p. 267-298 &amp; Chapter 10, p. 299-333.</li> </ul> <p><b>Fri 10-11 (Clancy) Statistics:</b> t-test for two related samples (LKL)</p> <ul style="list-style-type: none"> <li>Gravetter, F.J., Wallnau, L. B. (2015). Statistics for the Behavioural Sciences (10<sup>th</sup> Ed), Chapter 11 p. 335-364.</li> </ul>	Weekly quiz and online activities
11	<p><b>Wed 3-4 (Clancy) Statistics:</b> Correlation (LKL)</p> <ul style="list-style-type: none"> <li>Gravetter, F.J., Wallnau, L. B. (2015). Statistics for the Behavioural Sciences (10<sup>th</sup> Ed), Chapter 15 p. 485-527.</li> </ul> <p><b>Fri 10-11 (Clancy) Statistics:</b> Introduction to nonparametric statistics and Chi-square (LKL)</p> <ul style="list-style-type: none"> <li>Gravetter, F.J., Wallnau, L. B. (2015). Statistics for the Behavioural Sciences (10<sup>th</sup> Ed), Chapter 17 p.559-601</li> </ul>	Weekly quiz and online activities
12	<p><b>Wed 3-4 (Clancy) Statistics:</b> Chi-square (LKL)</p> <ul style="list-style-type: none"> <li>Gravetter, F.J., Wallnau, L. B. (2015). Statistics for the Behavioural Sciences (10<sup>th</sup> Ed), Chapter 17</li> </ul> <p><b>Fri 10-11 (Clancy): Statistics:</b> Revisions (LKL)</p> <ul style="list-style-type: none"> <li>No readings</li> </ul>	Weekly quiz and online activities

## 9. Course Schedule - Tutorials

Week	Tutorial Content
1	No tutorials
2	<b>Face To Face Tutorial 1:</b> Introduction (come to the class you are enrolled in)
3	<b>Online Tutorial 1</b> (refer to the course Moodle site for content and instructions)
4	<b>Face To Face Tutorial 2:</b> Research questions, hypotheses variables and sample
5	<b>Online Tutorial 2</b> (refer to the course Moodle site for content and instructions)
6	<b>Face To Face Tutorial 3:</b> Confounding variables, research designs and threats to internal validity
7	<b>Online Tutorial 3</b> (refer to the course Moodle site for content and instructions)
8	<b>Face To Face Tutorial 4:</b> Data analysis 1
9	<b>Online Tutorial 4</b> (refer to the course Moodle site for content and instructions)
10	<b>Online Tutorial 5</b> (refer to the course Moodle site for content and instructions)
11	<b>Face To Face Tutorial 5:</b> Data analysis 2
12	<b>Face To Face Tutorial 6:</b> Revision exercises and discussions

10. Assessment								
Assessment Task	Weight	Graduate Attribute Assessed	Learning Outcomes Assessed	Date of		Feedback		
				Release	Submission	Who	When	How
<b>In-session exam 1 (online, Week 7)</b> This will be a multiple choice quiz. The questions can be answered on the basis of material covered in weeks 1-6 (inclusive) in lectures, online lecture activities and weekly quizzes, as well as suggested readings. The quiz will be available for 24 hours. Once you have access the quiz, you have to complete it in one sitting. You will have 45 seconds per question.	5%	1, 3	1.1; 1.2; 3.1; 3.3; 3.4; 3.8	Mon 05/09 09:00	Tue 06/09 09:00			
<b>In-session exam 2 (online, Week 13)</b> This will be a multiple choice quiz. The questions can be answered on the basis of material covered in weeks 7-12 (inclusive) in lectures, online lecture activities and weekly quizzes, as well as suggested readings. The quiz will be available for 24 hours. Once you have access the quiz, you have to complete it in one sitting. You will have 45 seconds per question.	5%	1, 2	1.3; 1.4; 2.5; 2.6	Mon 24/10 09:00	Tue 25/10 09:00			
<b>Final exam</b> This will be a combination of multiple choice and short answer questions. The questions can be answered on the basis of material covered in weeks 1-12 (inclusive) in lectures, online lecture activities and weekly quizzes, as well as suggested readings.	35%	1, 2, 3	1.1; 1.4; 2.5; 2.6 3.1; 3.5	UNSW Exam period	UNSW Exam period			
<b>Research study critique (submission via Turnitin)</b> 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 research question, independent and dependent variables; confounding variables etc.	15%	2, 3, 5	2.1; 2.5; 2.6; 3.1; 3.2; 3.9; 5.1; 5.5	Mon 01/08 09:00	Sun 28/08 23:59			
<b>Research report (submission via Turnitin)</b> You will be given a research question and experimental data that you will need to write up in the format of a psychology research report. This will be a short written assignment.	20%	2, 3, 4, 5	2.2; 2.3; 2.4 3.1; 3.5; 4.1; 4.2; 4.4 5.3; 5.5	Mon 05/09 09:00	Sun 16/10 23:59			
<b>Weekly online activities and quizzes</b> Online activities and weekly quizzes 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 2-6 and 8-12. One percent mark will be given for completing each of the 10 quizzes in the course. On each quiz you will need to score at least 65% in order to be considered as completed. You are encouraged to attempt these online activities and quizzes in the week in which they are set.	10%	1, 2, 3, 4, 6.	1.4; 2.5; 3.2; 3.8; 4.1; 6.3	Mon 09:00 weeks 2-12	Fri 30/10			
<b>Online tutorial activities (5 weeks)</b> These activities are designed to prepare you for face-to-face tutorials, and in order to get the marks for completing these activities (2% per each set of online tutorial activities) you will have to complete these activities prior to each tutorial. Late completions will be possible but will not earn marks.	10%	1, 2, 3, 4, 6	1.4; 2.4; 2.5; 2.6; 3.1; 3.2; 4.1; 6.3	Mon 09:00 Weeks 3,5,7,9,11	Mon 09:00 Following week			

11. Expected Resources for Students	
TEXTBOOKS	<p>The recommended textbooks for the course are:</p> <p>Gravetter, F. J., Wallnau L.B. (2015). <i>Statistics for the Behavioural Sciences</i>. Belmont, CA: Cengage Learning. (10<sup>th</sup> Ed)</p> <p>Pelham, B.W., Blanton, H. (2013). <i>Conducting research in Psychology: Measuring the Weight of Smoke</i>. Belmont, CA: Cengage Learning. (4<sup>th</sup> Ed)</p>
COURSE MANUAL	<p>Available via course website  <a href="https://student.unsw.edu.au/moodle">https://student.unsw.edu.au/moodle</a></p>
REQUIRED READINGS	Textbook chapters and material available via course website

## 12. Course Evaluation & Development

Courses are periodically reviewed and students' feedback is used to improve them. Feedback is gathered using various means including UNSW's Course and Teaching Evaluation and Improvement (CATEI) process.

## 13. Plagiarism & Academic Integrity

### What is plagiarism?

Plagiarism is presenting someone else's thoughts or work as your own. It can take many forms, from not having appropriate academic referencing to deliberate cheating.

UNSW groups plagiarism into the following categories:

- **Copying:** using the same or very similar words to the original text or idea without acknowledging the source or using quotation marks. This also applies to images, art and design projects, as well as presentations where someone presents another's ideas or words without credit.
- **Inappropriate paraphrasing:** changing a few words and phrases while mostly retaining the original structure and information without acknowledgement. This also applies in presentations where someone paraphrases another's ideas or words without credit. It also applies to piecing together quotes and paraphrases into a new whole, without referencing and a student's own analysis to bring the material together.
- **Collusion:** working with others but passing off the work as a person's individual work. Collusion also includes providing your work to another student before the due date, or for the purpose of them plagiarising at any time, paying another person to perform an academic task, stealing or acquiring another person's academic work and copying it, offering to complete another person's work or seeking payment for completing academic work.
- **Duplication:** submitting your own work, in whole or in part, where it has previously been prepared or submitted for another assessment or course at UNSW or another university.

### Where can I find out more information?

In many cases plagiarism is the result of inexperience about academic conventions. The University has resources and information to assist you to avoid plagiarism. The first place you can look is the section about referencing and plagiarism in each Course Guide, as this will also include information specific to the discipline the course is from. There are also other sources of assistance at UNSW:

- **How can the Learning Centre help me?**

The Learning Centre assists students with understanding academic integrity and how to not plagiarise. Information is available on their website: <http://www.lc.unsw.edu.au/academic-integrity-plagiarism>. They also hold workshops and can help students one-on-one.

- **How can Elise help me?**

ELISE (Enabling Library & Information Skills for Everyone) is an online tutorial to help you understand how to find and use information for your assignments or research. It will help you to

search databases, identify good quality information and write assignments. It will also help you understand plagiarism and how to avoid it. All undergraduate students have to review the ELISE tutorial in their first semester and complete the quiz, but any student can review it to improve their knowledge: <http://subjectguides.library.unsw.edu.au/elise>.

- **What is Turnitin?**

Turnitin is a checking database which reviews your work and compares it to an international collection of books, journals, Internet pages and other student's assignments. The database checks referencing and whether you have copied something from another student, resource, or off the Internet. Sometimes students submit their work into Turnitin when they hand it in, but academics can also use it to check a student's work when they are marking it. You can find out more about Turnitin here: <https://teaching.unsw.edu.au/elearning>.

### **What if plagiarism is found in my work?**

If plagiarism is found in your work when you are in first year, your lecturer will offer you assistance to improve your academic skills. They may ask you to look at some online resources, attend the Learning Centre, or sometimes resubmit your work with the problem fixed. However more serious instances in first year, such as stealing another student's work or paying someone to do your work, may be investigated under the Student Misconduct Procedures.

Repeated plagiarism (even in first year), plagiarism after first year, or serious instances, may also be investigated under the Student Misconduct Procedures. The penalties under the procedures can include a reduction in marks, failing a course or for the most serious matters (like plagiarism in a honours thesis) even suspension from the university. The Student Misconduct Procedures are available here

<https://www.gs.unsw.edu.au/policy/documents/studentmisconductprocedures.pdf>

### **Examples of plagiarism**

#### **Using the internet appropriately**

A first year student handed in an assignment where she had copied from a website. Her lecturer realised she didn't understand you have to reference websites in the same way you reference books and journal articles. The lecturer explained how to reference and sent her to a workshop at the Learning Centre to help her improve her skills.

#### **Working together on a math assignment**

A group of Mathematics students worked together on an assignment when they had been told this was not allowed. All questions where the students had worked together were given zero, and this led to some student failing the assessment.

#### **No referencing in an assessment**

A third year student submitted a major assessment that included material from a journal article published in Canada. When his essay was submitted into Turnitin, it let the academic know that the student didn't reference the material. The student was given zero for the essay, and because it was worth 50 per cent he failed the course.

#### **Copying design work**

A final year design student used images of someone else's designs in her work and he said the designs were his own. The matter was formally investigated by his Faculty and he was found to have committed academic misconduct and failed the course.

### **Further information and assistance**

If you would like further information or assistance with avoiding plagiarism, you can contact the Learning Centre. The Learning Centre at The University of New South Wales has two locations:

**UNSW Learning Centre:** Lower Ground Floor, North Wing, Chancellery Building; (C22 Kensington Campus – near Student Central)

<http://www.lc.unsw.edu.au/>

**Phone:** 9385 2060; **Email:** [learningcentre@unsw.edu.au](mailto:learningcentre@unsw.edu.au)

**Opening Hours:** Monday to Thursday: 9am - 5pm and Friday: 9am - 2.30pm

#### 14. Administrative Matters

The *School of Psychology Student Guide*, available on <http://www.psy.unsw.edu.au/current-students/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 in the event of illness or misadventure;
- Student Code of Conduct;
- Student complaints and grievances;
- Student Equity and Disability Unit; and
- Occupational Health & Safety.

Students should familiarise themselves with the information contained in this *Guide*.