Course Outline

PSYC2081

Learning and Physiological Psychology

School of Psychology

Faculty of Science

T2, 2019

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1. Staff

Position	Name	Email	Consultation times and locations	Contact Details
Course Convenor	Dr. Kate Hutton-Bedbrook	kate@unsw.edu.au	Email or by appointment Mathews 915	Email
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2. Course information

Units of credit: 6

Pre-requisite(s): PSYC1001, PSYC1011, PSYC1111

Teaching times and locations: PSYC2081 Timetable

2.1 Course summary

This course focuses on the behavioural and physiological basis of elementary learning processes. These include: learning about relations between events (Pavlovian conditioning), learning about relations between one's behaviour and events (Instrumental conditioning), how these forms of learning control behaviours and their involvement in addiction, attachment and schizophrenia. The course emphasises psychological explanations of behaviour but also seeks to ground these processes in neurobiology.

2.2 Course aims

The course aims to provide students with an understanding of the behavioural and neurobiological bases of elementary associative learning processes, including how these forms of learning control behaviours and their involvement in addiction, attachment and schizophrenia. The course also aims to provide students with the opportunity to develop an understanding of the translational (e.g., clinical) implications of animal research for a range of psychological phenomena.

2.3 Course learning outcomes (CLO)

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

1. Demonstrate knowledge and understanding of the major concepts, historical trends and behavioural and neural basis of associative learning.

2. Demonstrate knowledge and understanding of major methodologies used in associative and physiological Psychology for both animal and human research.

3. Develop critical thinking skills enabling you to evaluate issues using different theoretical perspectives and empirical evidence in both animal and human research and to promote evidence-based approach

4. Develop effective writing, oral communication and interpersonal skills.

5. Being capable to apply concepts, theories and research findings in associative learning to understanding of mental health issues such as anxiety, addiction and schizophrenia.

6. Develop an appreciation of values in Psychology, including the ability to use information in an ethical manner, understand and evaluate the ethical issues involved in animal and human research.

2.4 Relationship between course and program learning outcomes and assessments

| CLO | Program Learning Outcomes | | | | | | Assessment |
	1. Knowledge	2. Research Methods	3. Critical Thinking Skills	4. Values and Ethics	5. Communication, Interpersonal and Teamwork	6. Application	
1.	Lectures, tutorials, online activities, online quizzes						Report A/B, Research report, Online quizzes, Final exam
2.	Lectures, tutorials, online activities, online quizzes	Lectures, tutorials, online activities, online quizzes					Report A/B, Research report, Online quizzes, Final exam
3.	Lectures, tutorials, online activities, online quizzes	Lectures, tutorials, online activities, online quizzes	Lectures, tutorials, online activities, online quizzes				Report A/B, Research report, Online quizzes, Final exam
4.					Tutorials, online activities		Report A/B, Research report, Online quizzes, Final exam
5.	Lectures, tutorials, online activities, online quizzes	Lectures, tutorials, online activities, online quizzes				Lectures, tutorials, online activities, online quizzes	Report A/B, Research report, Online quizzes, Final exam
6.		Lectures, tutorials, online activities, online quizzes		Lectures, tutorials, online activities, online quizzes			Report A/B, Research report, Online quizzes, Final exam

3. Strategies and approaches to learning

3.1 Learning and teaching activities

This course provides students with a middle level introduction into the behavioural and physiological bases of associative learning. Students will be introduced to the use of animal research in the development of evidence-based strategies to explain and treat a range of mental health issues. The course is designed to encourage students to develop independent learning skills, effective oral and written communication skills, as well as critical thinking and higher level analyses. The use of online resources provides students with an individualised learning experience. Students are able to access information, complete activities and revise information at a time that suits them without the time restrictions that occur with face-to-face tutorials and lectures. Peer-assessment provides students with the opportunity to understand marking criteria, communicate in an effective yet sensitive manner, and develop an understanding of their own writing and that of their peers.

The course web page is available through the e-learning Moodle site: https://moodle.telt.unsw.edu.au/login/index.php. Login with your student number and password, and follow the links to the PSYC2081 learning and Physiological Psychology page.

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

Tutorials will be held in week 2, 3, 5, 6, 7, 9 and 10. There are seven (7) face-to-face, two (2) hour tutorials. Tutorial discussions are based on lecture content. In order to participate in class discussions and successfully complete the quizzes, you will need to prepare for tutorials by reviewing the available materials.

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

Revision quizzes will be held throughout the semester to provide you with continuous feedback. Online tutorials will provide you with the opportunity to explore concepts not covered in face-to-face tutorials. Information regarding these resources can be found in the assessment section.

The Q and A Forum provides students with an opportunity to question and clarify the concepts and ideas mentioned in the lectures. The course coordinator will answer questions on this 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.

3.2 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.

Tutorial Allocation: You must attend your allocated tutorial as scheduled in your university timetable. We will not permit permanent changes to tutorial allocations once enrolment closes on Sunday the 4th of March. You may be permitted to arrange a one-off swap for medical or personal reasons. If you need to swap tutorials, you must email the course coordinator on kate@unsw.edu.au to arrange this.

Tutorial Attendance: to ensure students are consistently working towards achieving the foundational graduate competencies required by the APAC Accreditation Standards attendance at tutorials is compulsory and a register will be recorded at the beginning of each tutorial. These Accreditation Standards are incorporated in Program and Course Learning Outcomes. Anyone who arrives more than 20 minutes late to a tutorial will be recorded as being absent from that tutorial. Attendance at 80% of tutorials is required for eligibility to pass the course. If unable to attend a tutorial for medical or significant personal reasons, you must provide a medical certificate. If you do not provide a certificate, you will be recorded as being absent from the tutorial.

NB: Attendance at face to face tutorials and timely completion of online tutorials is essential in accordance with UNSW Assessment Implementation Procedure.

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.

The final exam for this course will take place on campus during the UNSW examinations period. Students should not arrange travel during the UNSW exam period until the date of the final exam has been released. Students who arrange travel prior to the release of the final exam date will not be granted consideration in the event they are scheduled to be out of country when the final exam is to occur. This is especially important for study abroad students – do not arrange travel home until the final exam date has been released.

Students registered with Disability 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.

4. Course schedule and structure

Each week this course typically consists of 2 hours of lecture material, 2 hours of face to face tutorials, and 1 hour of online activities. Students are expected to take an additional 6 hours each week of self-determined study to complete assessments, readings, and exam preparation.

Week	Lecture topic/s		Tutorial/lab topics	Online activities	Self-determined activities
Week 1 03/06/2019	(KHB) Introduction to the course	(FW) Historical Introduction to Comparative Psychology	Online Tutorial (Experiment)	Online quiz	
Week 2 10/06/2019	(FW) Historical Introduction to Comparative Psychology	(FW) Pavlovian and Instrumental Conditioning	Associative learning and animal ethics/ Assessment 1	Online quiz	Online Revision Module
Week 3 17/06/2019	(FW) Pavlovian and Instrumental Conditioning	(FW) Pavlovian and Instrumental Conditioning	Associative learning models/Assessment 1	Online quiz	Online Revision Module
Week 4 24/06/2019	(MLP) Introduction to human associative learning.	(MLP) Introduction to human associative learning.	Online lecture: Implicit learning: fact or fiction	Online quiz	Online Revision Module and writing workshop tutorial
Week 5 01/07/2019	(MLP) Evaluative conditioning, attitudes and stereotypes	(MLP) Attention and associative learning	Introduction to neuropsychology/Assessment 2	Online quiz	Online Revision Module
Week 6 08/07/2019	(MLP) Learning and schizophrenia.	(GM) Addiction	Associative learning and Schizophrenia	Online quiz	Online Revision Module
Week 7 15/07/2019	(GM) Addiction	(GM) Attachment and love.	Models of addiction and attachment/ Assessment 1 feedback	Online quiz	Online Revision Module

Week 8	(GM) Attachment and love.	(VL) Neural substrates underlying Pavlovian and Instrumental conditioning	Online lecture: Feeding and body regulation	Online quiz	Online Revision Module: Brain Lab
22/07/2019					
Week 9	(VL) Neural substrates underlying Pavlovian and Instrumental conditioning	(VL) Neural substrates underlying Pavlovian-to-Instrumental Transfer and Pavlovian extinction	Neural substrates of associative learning	Online quiz	Online Revision Module
29/07/2019					
Week 10	(VL) Neural substrates underlying Pavlovian-to-Instrumental Transfer and Pavlovian extinction	(VL) Neural substrates underlying Pavlovian-to-Instrumental Transfer and Pavlovian extinction	Revision Tutorial	Online quiz	Online Revision Module
05/08/2019					
Study period					Exam preparation
13/08/2019					
Exam period					Exam preparation
16/08/2019					

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: Report introduction & method and peer review – cumulative assessment	1300 words	15%		
(Part A) Report introduction & method (10%)			/100	Week 4: Sunday the 30th of June 11:59pm
(Part B) Peer review (5%)			/5	Week 6: Sunday the 14th of July 11:59pm
Assessment 2: Online Weekly Revision Quizzes	20 MCQ	10%	/10	
Assessment 3: Research report	2000 words	30%	/100	Week 9: Sunday the 4th of August 11:59pm
Assessment 4: Final exam	80 MCQ	45%	/80	Exam period

Assessment 1 – Report introduction and method and peer review (continuous assessment)

Part A: You will be required to write the introduction and method section of a Research Report based on an online Experiment run in Week 1. Information about the experiment and background research will be discussed in the Week 1 tutorial. Additional resources will be available in the Week 4 Online tutorial. The absolute final day for submission is 10 days from the assessment due date. Failure to submit your assessment by this day will results in a mark of 0 for the assessment.

Part B: For this assessment you will be required to review the work of two other students in the course. The reviews will be anonymous, and you will be given a rubric to assess the written work. This is designed to help you develop an understanding of the criteria for marking scientific writing and to help you develop skills at effective communication. You must complete two reviews of other students by the assigned deadline to be awarded the grade for this assessment. You will receive 5% of the course mark for completing these tasks.

Assessment 2: The online quiz consists of 20 MCQ questions based on the lectures from the previous weeks. You must gain a mark of 80% or above and complete the quiz by Sunday 11:59pm

the week it is released in order to be awarded the 1% for each quiz. You may take the quiz as many times as you like

Assessment 3: You will be required to submit a complete Research Report including: Introduction, Method, Results, Discussion and References. You should include your introduction and method section from Assessment 1. You should use the feedback from Assessment 1 and make any suggested changes to your Introduction and method section and consider the feedback when writing your results and discussion. The absolute final day for submission is 10 days from the assessment due date. Failure to submit your assessment by this day will results in a mark of 0 for the assessment.

Assessment 4: The final exam consists of 80 multiple choice questions. It will cover all content from the course with a focus on lecture material.

UNSW grading system: https://student.unsw.edu.au/grades

UNSW assessment policy: https://student.unsw.edu.au/assessment

5.2 Assessment criteria and standards

Further details and marking criteria for each assessment will be provided to students closer to the assessment release date (see 4.1: UNSW Assessment Design Procedure).

5.3 Submission of assessment tasks

Written assessments: In accordance with UNSW Assessment Policy written pieces of assessment must be submitted online via Turnitin. No paper or emailed copies will be accepted.

Late penalties: deduction of marks for late submissions will be in accordance with School policy (see: Psychology Student Guide).

Special Consideration: Students who are unable to complete an assessment task by the assigned due date can apply for special consideration. Students should also note that UNSW has a Fit to Sit/Submit rule for all assessments. If a student wishes to submit an application for special consideration for an exam or assessment, the application must be submitted prior to the start of the exam or before an assessment is submitted. If a student sits the exam/submits an assignment, they are declaring themselves well enough to do so and are unable to subsequently apply for special consideration. If a student becomes ill on the day of the exam, they must provide evidence dated within 24 hours of the exam, with their application.

Special consideration applications must be submitted to the online portal along with Third Party supporting documentation. Students who have experienced significant illness or misadventure during the assessment period may be eligible. Only circumstances deemed to be outside of the student's control are eligible for special consideration. Except in unusual circumstances, the duration of circumstances impacting academic work must be more than 3 consecutive days, or a total of 5 days within the teaching period. If the special consideration application is approved, students may be given an extended due date, or an alternative assessment/supplementary examination may be set. For more information see https://student.unsw.edu.au/special-consideration.

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

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
Report introduction & method (Part A)	10 days from due date	Tutor	Online	Moodle
Report introduction & method (Part B) Peer review	Monday week 7	Peers	Online	Moodle
Online Quizzes	Immediate	N/A	Online	Moodle
Research report	10 days from due date	Tutor	Online	Moodle
Final exam	N/A	N/A	N/A	N/A

6. Academic integrity, referencing and plagiarism

The APA (6th 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:

APA 6th edition.

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.[1] 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 and **plagiarism** can be located at:

- The *Current Students* site https://student.unsw.edu.au/plagiarism, and
- The *ELISE* training site http://subjectguides.library.unsw.edu.au/elise/presenting

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

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[1] International Center for Academic Integrity, 'The Fundamental Values of Academic Integrity', T. Fishman (ed), Clemson University, 2013.

7. Readings and resources

Textbook	Pearce, J. Animal Learning and Cognition: An Introduction. Third edition. (Print Copy-)
	Carlson. Physiology of behaviour. Twelfth edition. Pearson (Print copy) These textbooks are available to purchase at the UNSW bookshop or as e-books.
	Copies of the textbooks will be kept in Open Reserve at the library. Second hand copies may be available for purchase.
Course information	Available on Moodle
Required readings	School of Psychology Student Guide.
Recommended internet sites	UNSW Library
	UNSW Learning centre
	ELISE
	Turnitin
	Student Code of Conduct
	Policy concerning academic honesty
	Email policy
	UNSW Anti-racism policy statement
	UNSW Equity and Diversity policy statement
	UNSW Equal opportunity in education policy statement

8. Administrative matters

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

- Disability Support Services

- Health and safety

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

9. Additional support for students

- The Current Students Gateway: https://student.unsw.edu.au/
- Academic Skills and Support: https://student.unsw.edu.au/academic-skills
- Student Wellbeing, Health and Safety: https://student.unsw.edu.au/wellbeing
- Disability Support Services: https://student.unsw.edu.au/disability-services
- UNSW IT Service Centre: https://www.it.unsw.edu.au/students/index.html