



**UNSW**  
SYDNEY

## Course Outline

PSYC5114

Graduate Certificate in Child Development

Learning and Cognition

School of Psychology

Faculty of Science

**[Term, Year]**

Last updated: [5/07/2021 12:45 PM]

## 1. Staff

| Position        | Name | Email | Consultation times and locations | Contact Details |
|-----------------|------|-------|----------------------------------|-----------------|
| Course Convenor |      |       |                                  |                 |

## 2. Course information

|                                      |  |
|--------------------------------------|--|
| <b>Units of credit:</b>              | 6  |
| <b>Pre-requisite(s):</b>             | Program Pre-Requisite: Bachelor's degree of any kind (Australian Qualification standard or equivalent) |
| <b>Teaching times and locations:</b> | Online   |

### 2.1 Course summary

This course will address advanced-level topics relating to learning and cognition. These include models of associative learning, the biological and physiological basis of learning, decision-making (choice, control, and judgement), models of attention and memory, and thinking and reasoning. In addition, this course will discuss the ways in which theories and models of learning and cognition can be applied in child development and education. Course content will review the research methodology, findings, and contemporary theories relating to fundamental learning and cognitive processes. Students will gain experience in conducting empirical research, scientific writing, and the application of theoretical and empirical research to real-world situations. This course is taught entirely online through Moodle.

### 2.2 Course aims

This course aims to provide students with an advanced-level understanding of contemporary research methods, findings, and theories pertaining to core topics in learning and cognition: models of associative learning, the biological and physiological basis of learning, decision-making, models of attention and memory, and thinking and reasoning. In addition, it aims to equip students with the skills to apply current empirical findings when thinking about how to improve learning, memory, reasoning, and decision processes in real-world contexts that relate to child development and education.

## 2.3 Course learning outcomes (CLO)

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

1. Demonstrate advanced knowledge and understanding of the major concepts, theories, and empirical findings pertaining to models of learning and memory, their physiological and biological basis, and the higher-order processes of thinking, reasoning, and decision-making.
2. Demonstrate advanced knowledge and understanding of research methods in learning and cognition, with the ability to evaluate research design and methodology, interpret research findings, draw appropriate conclusions, and discuss their implications.
3. Demonstrate advanced knowledge and application of the scientific method in the context of learning and cognition, with the ability to critically engage with empirical research in order to apply findings in the context of child development and convey these ideas through scientific writing.
4. Have developed an in-depth understanding of the research and professional ethics and values as they apply to the psychology of learning and cognition, with a focus on the evidence-based application of psychological knowledge, interventions, and tools in the context of child development.
5. Have developed effective written, oral, and online discussion skills in the context of psychological science, with a demonstrated ability to communicate information in a clear, accurate, and accessible manner and contribute meaningfully to group discussions and collaborative teamwork.
6. Demonstrate an ability to apply the psychological principles of learning and cognition to a range of social contexts in a manner that recognizes cultural and individual diversity, with a focus on understanding and evaluating the psychological and biological factors that influence the way in which children learn, think, and behave.

## 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   |                           |                     |                             |                      |  |                |            |
| 2   |                           |                     |                             |                      |  |                |            |
| 3   |                           |                     |                             |                      |  |                |            |
| 4   |                           |                     |                             |                      |  |                |            |
| 5   |                           |                     |                             |                      |  |                |            |
| 6   |                           |                     |                             |                      |  |                |            |
| 7   |                           |                     |                             |                      |  |                |            |
| 8   |                           |                     |                             |                      |  |                |            |

## 3. Strategies and approaches to learning

---

### 3.1 Learning and teaching activities

This is a fully online course; all materials, lectures and tutorials are delivered through Moodle.

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 PSYC page.

The course will be delivered over six weeks, covering six major topic areas. The major topics will be delivered in Weeks 1 to 6, with a new topic presented each week. Students are expected to engage with all materials delivered each week. There will be a combination of formative and summative assessments throughout the course. The expected level of engagement is 18-19 hours per week, including preparation for the “secured” quizzes and written assessments.

Each week students can expect the following:

**Lectures** will be digitally recorded. Links to the lecture recordings will be available on the course web page. Lecture slides will be also available on the Moodle course page. This will typically be broken down into 6 x 20-minute lectures covering the main concepts for each sub-topic of the week.

**Online Tutorials** will be held in weeks 1-6. There are six (6), two (2) hour tutorials delivered through Blackboard Collaborate on the Moodle course page each week. All tutorials will be live streamed for synchronous participation and recorded for asynchronous participation, should a student be unable to join the synchronous tutorial at the designated time. Students will be able access the recorded tutorials for the remainder of the course. Tutorial discussions are based on lecture content and readings. In order to participate in class discussions, you will need to prepare for tutorials by reviewing the available materials.

**Online activities:** Each week there will be a range of online activities, including revision quizzes and interactive learning modules using a range of adaptive learning platforms. These activities will allow students to explore the topics of the week in greater depth and provide formative assessment for the students as well as revision opportunities.

The formative topic revision quizzes available for students 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. **NB: These formative quizzes do not contribute to the student’s final grade and are not to be confused with the “secured weekly quizzes”.**

**Readings:** There will be assigned readings each week that cover the major topic of the week. Students will need to complete the readings in order to prepare for the online tutorials. In addition, as part of this preparation students are encouraged to post one comment/discussion point on the Discussion Forum and reply to the comment of at least two other students in the course (**4.5 hours**).

**The 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 Discussion Forum will help students gain an understanding of the material, critique the contributions of fellow students, and help develop written communication skills.

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

## 3.2 Expectations of students

The course Moodle page contains lectures, tutorials, content topic materials, assessment materials, and any updated information. You are expected to check Moodle regularly. You are also expected to regularly check your UNSW email. All news 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.

Given that the course content and all assessable components are delivered online, it is the responsibility of the student to ensure that they have access to a computer with a stable internet connection and a browser capable of handling the features of the Moodle eLearning website and any of its content. There will be no special consideration granted due to internet connection or computer issues arising from personal technical issues. If an internet disconnection takes place during an assessment/exam, there will be no way of changing a mark and these will be allocated according to the progress that was saved. To help students establish whether or not their computer/internet access is suitable for the online exam/s, a test quiz is available. This quiz will not contribute to final marks and will be able to be completed multiple times in order to test computer/internet connection prior to assessments/exams.

The Moodle forum should be the first line of contact with the Course Convenor (meeting requests, personal or Equitable Learning Support matters can be sent by email in the first instance). Due to the online nature of the course, under no circumstances are specific exam/quiz questions/answers to be discussed online or via email. Such matters can only be discussed during in person appointments with the Course Convenor.

NOTE: THIS COURSE REQUIRES SIGNIFICANT WEEKLY ASSESSABLE ENGAGEMENT THROUGH MOODLE. Students are expected to engage with all materials delivered each week. There will be a combination of formative and summative assessments throughout the course. **The expected level of engagement is on average 18-19 hours per week** (in the 6-week term). Average engagement levels are as follows: (a) **2 hours** of engagement with the lecture content (6 x 20-minute lectures per week); (b) Tutorial attendance, **3 hours** per week including preparation for the tutorial discussion. Note we recommend that you complete the synchronous tutorial, however completion of the recorded asynchronous tutorial will also be accepted; (c) **4.5 hours** to complete the assigned activities, including revision modules; (d) **4.5 hours** to complete the assigned weekly readings that accompany the content for each lecture topic; (e) **4-5 hours** to complete the weekly assessments (secured quizzes) and prepare for the major assessments.

**Under no circumstances will employment be accepted as an excuse not to meet expectations for class participation or assessments.** Remember, the term times are very short, so it is your responsibility to ensure that you do not fall behind with the ongoing assessment demands of the course.

**Tutorial Attendance:** Attendance and participation in tutorials is compulsory. All tutorials will be delivered in an online mode, through Blackboard Collaborate. Given that this is a fully online course, it is understood that some students may be unavailable at the designated live tutorial time. Therefore, students will be required to participate in the tutorial in either a synchronous (as the tutorial is streamed live) or asynchronous (via a recorded version of the tutorial) format.

NB: Engagement with online tutorials and timely completion of asynchronous online tutorials is essential in accordance with UNSW Assessment Implementation Procedure.

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

Students must read the Graduate Certificate in Child Development (7419) Program Guide.

## 4. Course schedule and structure

---

Each week this course typically consists of 2 hours of lecture material, 2 hours of face to face tutorials, 4.5 hours of online activities and 4.5 hours of readings. Students are expected to take an additional 4-5 hours each week of self-determined study to complete assessments and undertake exam preparation.

| <b>Week</b>   | <b>Lecture topic/s</b>                                    | <b>Tutorial/lab topics</b> | <b>Online modules</b> | <b>Self-determined activities</b> |
|---------------|---|----------------------------|-----------------------|-----------------------------------|
| <b>Week 1</b> | Models of Associative Learning: Pavlovian Conditioning    |                            |                       |                                   |
| <b>Week 2</b> | Models of Associative Learning: Instrumental Conditioning |                            |                       |                                   |
| <b>Week 3</b> | Memory  |                            |                       |                                   |
| <b>Week 4</b> | Attention   |                            |                       |                                   |
| <b>Week 5</b> | Higher-Order Cognition: Thinking and Reasoning            |                            |                       |                                   |
| <b>Week 6</b> | Integration   |                            |                       |                                   |

## 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   |
|--|-----------------|--------|------|--|
| <b>Assessment 1:</b> “Secured” Quizzes (cumulative assessment) | 20 MCQ per quiz | 50%    | 50   | Sunday 11:59pm week of release (Weeks 1,2,3,4,5,6) |
| <b>Assessment 2:</b> Oral Presentation                         | 10 minutes      | 25%    | 100  | Sunday Week 4                                      |
| <b>Assessment 3:</b> Peer Review                               | 500 words       | 5%     | 5    | Sunday Week 5                                      |
| <b>Assessment 4:</b> Research Report Discussion                | 1200 words      | 20%    | 100  | Sunday Week 6                                      |

**Assessment 1 “Secured” Quizzes (cumulative assessment) 50%:** Students will be required to complete 6 quizzes under official online exam conditions. These quizzes will cover the content of the lectures and readings. The quizzes will be held in weeks 1-6 and will cover content presented in the week they are released. The secured quizzes form part of a cumulative assessment; of the 6 quizzes completed, the best 5 scores will contribute towards the 50% total weighting (10% each quiz). Each quiz will comprise 20 multiple choice questions.

**Assessment 2 Oral Presentation 25%:** Students will be required to prepare an oral presentation that discusses the how any one of the psychological constructs presented in the course might relate to child learning and behaviour (e.g. in education, social contexts, health services, etc.). The presentation should include a critical evaluation of the current research and theory that would support such an application. Students will be required to upload a video presentation of no more than 10 minutes in length and will be graded on the content of the presentation, not the production values of the recording.

**Assessment 3 Peer Review 5%:** Students will be required to provide a peer review of the oral presentation for two fellow students. They will be provided with a marking rubric and given instruction on how to provide constructive and meaningful feedback.

**Assessment 4 Research Report Discussion 20%:** Students will be provided with a research proposal and some accompanying data. They will be required to interpret and write up the research findings as for the discussion section of a research article. This should include a summary of the results, critical comparison of the results to proposed hypotheses and past literature, conclusions, wider implications, and suggestions for future research.

**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 all 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 the Graduate Certificate in Child Development assessment policy. Students will receive a penalty of 5% per day for late submissions, including weekends. For example an assessment due on Sunday and submitted on Tuesday would be considered two days late leading to a penalty of  $5\% \times 2 = 10\%$  from the total assessment mark (see: Graduate Certificate in Child Development (7419) Program Guide).

**Special Consideration:** Students who are unable to complete an assessment task by the assigned due date can apply for special consideration. Special consideration applications must be submitted through the special consideration portal available through myUNSW along with appropriate third-party supporting documentation. **NB:** *UNSW operates under 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.*

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 (see - <https://student.unsw.edu.au/special-consideration>). In the case of take-home assessment tasks, misadventure must occur for at least 3 consecutive days during the assessment period. If approved, students may be given an extended due date to complete take-home assessments

**Alternative assessments:** there will be no alternative assessments due to the intensive nature of the course. Please refer to the Graduate Certificate in Child Development (7419) Program Guide for policies and procedures relating to misadventure.

**Supplementary examinations:** Students may apply for a supplementary exam, providing that this is not an ongoing issue. If students are unable to engage in all aspects of the course for two weeks or longer, they will be required to submit an application to withdraw from the course without penalty. Please refer to the Graduate Certificate in Child Development (7419) Program Guide for policies and procedures relating to misadventure.

## 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    |
|--|-------------------------------------|--------------------|-----------|--------|
| "Secured" Quizzes<br>(cumulative assessment) | Monday following<br>quiz submission | Course<br>Convenor | Gradebook | Moodle |
| Oral Presentation                            | Sunday Week 5                       | Course<br>Convenor | Gradebook | Moodle |
| Peer Review                                  | Sunday Week 6                       |                    |           |        |

|                            |                                |                 |           |        |
|----------------------------|--------------------------------|-----------------|-----------|--------|
| Research Report Discussion | 10 working days after due date | Course Convenor | Gradebook | Moodle |
|----------------------------|--------------------------------|-----------------|-----------|--------|

## 6. Academic integrity, referencing and plagiarism

The APA (6<sup>th</sup> or 7<sup>th</sup> 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 7th 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.<sup>1</sup> 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>

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>.

## 7. Readings and resources

|                                   |  |
|-----------------------------------|--|
| <b>Textbook</b>                   | No set textbook  |
| <b>Course information</b>         | Available on Moodle  |
| <b>Required readings</b>          | Graduate Certificate in Child Development (7419) Guide   |
| <b>Recommended internet sites</b> | <a href="#">UNSW Library</a><br><a href="#">UNSW Learning Centre</a><br><a href="#">ELISE</a><br><a href="#">Turnitin</a><br><a href="#">Student Code of Conduct</a><br><a href="#">Policy concerning academic honesty</a> |

<sup>1</sup> International Center for Academic Integrity, 'The Fundamental Values of Academic Integrity', T. Fishman (ed), Clemson University, 2013.

|  |   |
|--|---|
|  | <a href="#">Email policy</a><br><a href="#">UNSW Anti-racism policy statement</a><br><a href="#">UNSW Equity and Diversity policy statement</a><br><a href="#">UNSW Equal opportunity in education policy statement</a> |
|--|---|

## 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>
- Equitable Learning Services: <https://student.unsw.edu.au/els>
- UNSW IT Service Centre: <https://www.it.unsw.edu.au/students/index.html>