

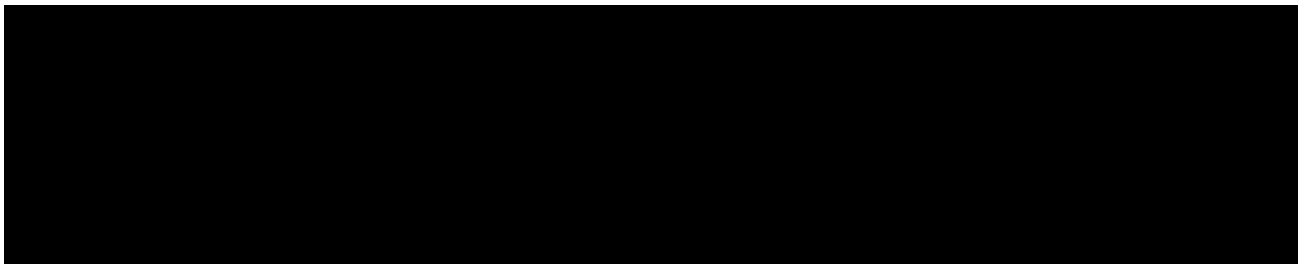
FACULTY OF SCIENCE
SCHOOL OF PSYCHOLOGY
PSYC 3211
COGNITIVE SCIENCE
SEMESTER 2, 2017

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1. Information about the Course			
FACULTY	Science		
SCHOOL OR DEPARTMENT	Psychology		
COURSE CODE	PSYC3211		
COURSE NAME	Cognitive Science		
SEMESTER	Semester 2	YEAR	2017
UNITS OF CREDIT	6	LEVEL OF COURSE	3
ASSUMED KNOWLEDGE, PREREQUISITES OR CO-REQUISITES	PSYC2001 and PSYC2071		
SUMMARY OF THE COURSE	See below		

2. Staff Involved in the Course				
COURSE COORDINATOR				
Name	Phone	Email	Office	Contact Time & Availability
Professor Ben Newell	51606	ben.newell@unsw.edu.au	Mats 712	By Appointment



3.5. Use reasoning an

6. Graduate Attributes		
School of Psychology Graduate Attributes*	Level of Focus 0 = No focus 1 = Minimal 2 = Minor 3 = Major	Activities/Assessment
1. Core knowledge and understanding	3	Participation in lectures & tutorials – assessed in exam and research proposal presentation and forming an advanced understanding of the major concepts, theoretical perspectives, empirical findings, and historical trends in multiple aspects of cognitive science.
2. Research methods in psychology	3	Understand, apply and evaluate basic research methods in psychology, including research design, data analysis and interpretation, and the appropriate use of technologies. This will involve the development of a research proposal, the creation of experiment materials, data analysis and interpretation of results.
3. Critical thinking skills	3	Development of a research literature review as part of a research proposal, showing use of critical and creative thinking, sceptical inquiry, and the scientific approach to solve problems related to behaviour and mental processes.
4. Values, research and professional ethics	2	Value empirical evidence; tolerate ambiguity during the search for greater understanding of behaviour and knowledge structures; act ethically and professionally; understand the complexity of sociocultural and international diversity; and reflect other values that are the underpinnings of psychology as a discipline. This will be addressed by your participation in experimental work.
5. Communication skills	2	Class discussion of theoretical issues in cognitive science. The research project component requires in-class presentation of experimental research design, analysis of findings and theoretical interpretation.
6. Learning and application of psychology	2	Apply psychological principles and theories from cognitive science research to bear on broader issues. Attempts will be made throughout the lectures to identify the applications of key empirical findings from research on decision making, intelligence, memory, categorization and reasoning to understanding the world around us.

7. Rationale for the Inclusion of F2230.81 450 Ga6omU-0.0178 Tc2 ref72.024 261.05 n6dTt/F2 9.96 T

Lectures: The primary objective of the lecture course is to investigate cognition in depth and to relate different areas of cognition to each other. You should come away from the course with a good understanding of the main issues in current research on categorisation, reasoning, memory, intelligence and decision making.

The main aim is to provide a conceptual understanding of the issues. The mid-session and final exam will test this understanding. We shall attempt to pose questions in this exam that test your conceptual understanding rather than your ability to reproduce the lecture notes.

Tutorials: The tutorials will be a combination of demonstrations of 'classic' experimental phenomena, hands on implementation of computational tools and the opportunity to devise, implement and analyse an experiment. As such the tutorials teach specific skills that are of central importance to cognitive scientists.

11. Assessment

Assessment Task	Weight	Learning Outcomes Assessed	Graduate Attributes Assessed	Date of		Feedback		
				Release	Submission	Who	When	How

Mid Session Exam (short answer questions content from Intelligence & Thinking Lectures)

12. Expected Resources for Students

TEXTBOOKS	Specific readings will be provided during the course lectures and tutorials. A suggested text for the Intelligence Component is: Mackintosh, N. 2e A suggested text for the Decision Making component is Newell et al. 2e
COURSE MANUAL	
REQUIRED READINGS	
RECOMMENDED INTERNET SITES	

13. Course Evaluation & Development

Courses are periodically reviewed and students' feedback is used to improve them. Feedback is gathered using various means including UNSW's My Experience process.

14. 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

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>.

Phone: 9385 0739

<https://www.artdesign.unsw.edu.au/current-students/student-services/learning-centre>

15. 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
- Health & Safety.

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