projects within the Department, and the students work in collaboration with members of the staff. Students write a thesis embodying the results of their work.

**Plant Science**

The following units of study form part of the new Plant Science program, which has been developed jointly by the Faculty of Agriculture, Culture, Food and Natural Resources and the School of Biological Sciences.

Senior units of study and a major in Plant Science will be made available in 2006, and students will be able to count PLNT units towards a major in either Plant Science or Biology.

**PLNT 2001 Applied Plant Biochemistry**

6 credit points. Prof Les Copeland (Coordinator), Dr Rosanne Quinell. Session: Semester 1. Classes: 3 lec or tut; 3 prac or sem/wk. Prerequisites: 12 credit points of Junior Chemistry and 12 credit points of Junior Biology or in 2005 (or with the Dean’s permission in 2006), BIOL1201 and BIOL1202. Assessment: One 2-hr exam (50%), laboratory reports (25%) case study presentation (15%), self-directed learning exercises (15%).

This unit of study explores the fundamentals of plant biochemistry, from what plants are made of to how plants regulate their metabolic processes. The specialised nature of these metabolic processes, which enable plants to respond to different biotic and abiotic environmental influences, is featured. The unit covers basic chemistry and metabolic reactions of the main plant constituents, how storage reserves are mobilised to provide energy and substrates for growth and development, and how metabolic pathways are controlled and respond to influences from the plant environment. Special attention is given to energy processes in economic plants, and their relevance to foods and fibres. The unit of study complements intermediate units of study in plant science, molecular and cell biology, genetics and biotechnology, and leads on to advanced plant modules offered through the School of Biological Sciences and the Faculty of Agriculture, Culture, Food and Natural Resources. Learning in the unit is by lectures and laboratory work, augmented by independent library research and project groups and discussions to provide insights into how molecular and biochemical approaches lead to understanding of plant functions. Students will be expected to access the WebCT site at least once a week for information on: learning resources, information bulletins, tutorial modules on making oral and written presentations, links to library, academic policies, Laboratory Safety tutorials, student support, Learning Centre. Students will additionally engage in the equivalent of 1 hour per week of tutor-assisted self-directed learning on biochemical calculations and assigned readings.

Textbooks

A Study Guide for the unit will be available for purchase from the Copy Centre at a cost of $10 during the first week of Semester.

**PLNT 2002 Aust Flora: Ecology and Conservation**

6 credit points. Dr Glenda Wardle & Dr Murray Henwood. Session: Semester 1. Classes: 2 lec & 2 prac/wk. Prerequisites: 12 credit points of Junior Biology in 2005 (or with the Dean’s permission in 2006), BIOL1201 and BIOL1202 or BIOL1001 and ENVI1001. Assessment: One 2-hr exam (40%), practical reports (20%), self-directed learning (20%).

This unit provides a broad understanding of the evolution, classification and diversity of terrestrial plants and the principles of plant ecology in an Australian context. The major types of Australian vegetation are discussed across a range of temporal and spatial scales, and their current distribution related to their environment and origins. Selected contemporary issues in plant conservation from Australian natural and managed systems are explored. There is a strong emphasis on practical skills such as phytogeographic inference, plant identification and the collection and analysis of ecological data. The practical component of the unit of study uses examples taken from the Australian flora (including plants of horticultural significance) and major crop plants. Important elements of this unit are half-day field trips to the Royal National Park (or production systems at Camden), the Royal Botanic Gardens Sydney and the construction of student herbaria. The unit of study complements intermediate units of study in plant science, zoology, molecular and cell biology, genetics and biotechnology, and leads on to advanced plant and ecology modules offered through the School of Biological Sciences and the Faculty of Agriculture, Food and Natural Resources.

Textbooks

A Laboratory Manual for the unit will be available for purchase from the Copy Centre during the first week of Semester.

**PLNT 2003 Plant Form and Function**

6 credit points. A/Prof Bruce Sutton, A/Prof Robin Overall. Session: Semester 2. Classes: 2 lectures, 1 hr tutorial and 1 prac, AV session (2-3hr) or field trip (6hrs) per wk. Assumed Knowledge: The content of BIOL (1002 or 1902) is assumed knowledge and students entering from BIOL (1003 or 1903) will need to do some preparatory reading. Prerequisites: 12 credit points of Junior Biology in 2005 (or with the Dean’s permission in 2006). BIOL1201 and BIOL1202 or BIOL1001 and ENVI1001. Assessment: One 2-hr theory exam (40%), prac exam (20%), anatomy project (10%), quizzes (5%), physiology report (10%), field report (15%).

This unit of study investigates the structure of cells, tissues and organs of flowering plants and relates them to function. Topics include: how photosynthesis, translocation, water transport and nutrition relate to the structures that carry out these processes. Most of the information on plant structure will be provided in self-instructional audiovisual sessions augmented by small group discussions. This is integrated with experiments carried out in the laboratory or on site. Field excursions will be used to investigate the physiological aspects of plant structures. There is a focus on recent advances in plant molecular biology where they have been critical in enhancing our understanding of the form and function of plants. The physiological and anatomical responses of plants to extreme environments such as drought and salinity will also be addressed. Attention will be paid to the anatomy and physiology of crop, horticultural and Australian native plants. This unit of study complements Applied Plant Biochemistry, Australian Flora: ecology and conservation and Cell Biology and leads onto senior units of study in plant sciences, including Plant Growth and Development. It is essential for those seeking a career in plant molecular biology.

Textbooks


Recommended reading:


A Study Guide for the unit will be available for purchase from the Copy Centre during the first week of Semester.

**PLNT 2004 Plant Form and Function (Advanced)**

6 credit points. Prof Les Copeland (Coordinator), Dr Rosanne Quinell. Session: Semester 1. Classes: 5 lec or tut; 3 prac or sem/wk. Prerequisites: A Distinction average in 12 credit points of Junior Chemistry and 12 credit points of Junior Biology or in 2005 (or with the Dean’s permission in 2006), BIOL1201 and BIOL1202. Assessment: One 2-hr exam (50%), laboratory reports (10%) independent research project presentation and report (25%), self-directed learning exercises (15%).

The content will be based on PLNT2001 but qualified students will participate in alternative components at a more advanced level.

Textbooks

A Study Guide for the unit will be available for purchase from the Copy Centre at a cost of $10 during the first week of Semester.


6 credit points. Dr Glenda Wardle & Dr Murray Henwood. Session: Semester 1. Classes: 2 lec & 3 prac/wk, audiovisual. Prerequisites: Distinction average in 12 credit points of Junior Biology or in 2005 (or with the Dean’s permission in 2006), BIOL1201 and BIOL1202 or BIOL1001 and ENVI1001. Assessment: One 2-hr exam (40%), laboratory reports (20%) research project (20%), one 2-hr practical exam (20%).

Qualified students will participate in alternative components of PLNT2008. The content and nature of these components may vary from year to year. See prerequisites for Senior units of study in Biology.

Textbooks

A Laboratory Manual for the unit will be available for purchase from the Copy Centre during the first week of Semester.

**PLNT 2003 Plant Form and Function (Advanced)**

6 credit points. A/Prof Bruce Sutton, A/Prof Robin Overall. Session: Semester 2. Classes: 2 lectures, 1 hr tutorial and 1 prac, AV session (2-3hr) or field trip (6hrs) per wk. Assumed Knowledge: The content of BIOL (1002 or 1902) is assumed knowledge and students entering from BIOL (1003 or 1903) will need to do some preparatory reading. Prerequisites: Distinction average in 12 credit points of Junior Biology or in 2005 (or with the Dean’s permission in 2006), BIOL1201 and BIOL1202 or BIOL1001 and ENVI1001. Assessment: One 2hr theory exam (40%), prac exam (20%), research project oral and written presentation (25%), field report (15%).

The content will be based on PLNT2003 but qualified students will participate in alternative components at a more advanced level. The content and nature of these components may vary from year to year.

Textbooks


Recommended reading:


A Study Guide for the unit will be available for purchase from the Copy Centre during the first week of Semester.

**Psychology**

Psychology is the study of behaviour and it is approached on a scientific basis, with provision for professional training at the postgraduate level. The research activities of the School cover almost all of the main branches of the subject.
In order to be eligible to enter Psychology 4 Honours, it is necessary to have a major in Psychology units from Psychology 3203, 3204, 3205, 3206, 3209, 3210, 3211, 3212, 3214, 3215 and 3216 (*Required for entry to Fourth Year). Mid-year entry is possible and involves modification of this sequence.

The units of study available are:
- PSYC 1001, 6 credit points
- PSYC 1002, 6 credit points
- PSYC 2011, 6 credit points
- PSYC 2012, 6 credit points
- PSYC 2013, 6 credit points
- PSYC 2014, 6 credit points
- PSYC 3201, 4 credit points
- PSYC 3202, 4 credit points
- PSYC 3203, 4 credit points
- PSYC 3204, 4 credit points
- PSYC 3205, 4 credit points
- PSYC 3206, 4 credit points
- PSYC 3209, 4 credit points
- PSYC 3210, 4 credit points
- PSYC 3211, 4 credit points
- PSYC 3212, 4 credit points
- PSYC 3214, 4 credit points
- PSYC 3215, 4 credit points
- PSYC 3216, 4 credit points
- PSYC 3210, 4 credit points
- PSYC 3211, 4 credit points
- PSYC 3212, 4 credit points
- PSYC 3214, 4 credit points
- PSYC 3215 and 3216

Students who have completed PSYC 3001 and/or 3002 must obtain the permission of the Head of School of Psychology before enrolling in any of PSYC 3201 to 3216.

Registration and noticeboards

Students in all years must register during the orientation period. Psychology 1001 students register by going to the Carslaw Building during orientation and collecting a personalised computer generated timetable, which will indicate the lecture times and the tutorial group to which they have been allocated. Further information will be posted at the enrolment centre and on the junior psychology noticeboard on the 4th floor of the old teachers college building.

Information about registration meetings for Intermediate and Senior Psychology students will also be posted at the enrolment centre, and on the School noticeboards on the 5th floor of the Griffith-Taylor building, as well as the School web-site.

Enquiries

The main enquiry office of the School is Room 416, Griffith-Taylor building (tel. 9351 2872). Staff members available to discuss particular courses may be contacted directly or through this office.

Honours

In order to be eligible to enter Psychology 4 Honours, it is necessary (except as provided in the by-laws or resolutions) to gain a year average of at least Pass with Credit in Intermediate and in Senior Psychology units of study. These Psychology units include Psychology 2011, 2012, 2013, 2014, and at least four other Senior Psychology units from Psychology 3203, 3204, 3205, 3206, 3209, 3210, 3211, 3212, 3214, 3215 and 3216. Students wishing to graduate with Honours in Psychology are urged to discuss their choice of other subjects with a Faculty Adviser as soon as practicable. There is currently a quota on entry to Psychology 4.

Examinations

Undergraduate units of study are examined at the end of each semester and include classwork by way of essays, reports or practical/laboratory work. At the beginning of each unit of study students are advised of the contributions of exam and classwork for assessment purposes.

Summer School: January-February

PSYC 1001 and PSYC 1002 are offered in the Sydney Summer School. Consult the Sydney Summer School web site for more information. http://www.summerschool.usyd.edu.au/

PSYC 1001 Psychology 1001

6 credit points. Session: Summer, Semester 1. Classes: 3 lect & a tutorial of 1hr/wk and 1hr/wk of additional web-based (self-paced) material related to the tutorial (1hr/wk practical/demonstration). Assessment: One 2.5hr exam, one 1000 word essay, multiple tutorial tests, experimental participation. Psychology 1001 is a general introduction to the main topics and methods of psychology, and is the basis for advanced work as well as being of use to those not proceeding with the subject. Psychology 1001 covers the following areas: subject matter and methods of psychology; basic statistics and measurement; behavioural neuroscience; applied psychology; social psychology; personality theory. This unit is offered in the Sydney Summer School. Consult the web site: http://www.usyd.edu.au/summerschool/ for more information.

Textbooks

Psychology 1001 Handbook,

PSYC 1002 Psychology 1002

6 credit points. Session: Summer, Semester 2. Classes: 3 lectures & a tutorial of 1hr/wk and 1hr/wk of additional web-based (self-paced) material related to the tutorial (1hr/wk practical/demonstration). Assessment: One 2.5hr exam, one 1000 word essay, multiple tutorial tests, experimental participation. Psychology 1002 is a further general introduction to the main topics and methods of psychology, and it is the basis for advanced work as well as being of use to those not proceeding with the subject. Psychology 1002 covers the following areas: human development; human mental abilities; learning, motivation and emotion; visual perception; cognitive processes. This unit is offered in the Sydney Summer School. Consult the web site: http://www.usyd.edu.au/summerschool/ for more information.

Textbooks

Psychology 1002 Handbook,

PSYC 2011 Brain and Behaviour

6 credit points. A/Prof Iain McGregor. Session: Semester 1. Classes: 3 lec, 1 tut/week. Prerequisites: PSYC 1001 and 1002. Assessment: One 2 hr exam, one 1500 word practical report, one 1500 word essay and six fortnightly quizzes. This unit of study examines a range of phenomena and principles in learning and perception and their relations to underlying neural substrates. The emphasis in learning is on instrumental conditioning and the principle of reinforcement, ranging from applications of this principle to its neural substrates. Also covered are analyses of aversive-based learning, such as punishment and avoidance, and anxiety, together with related neurochemical mechanisms and the effects of various psychopharmacological agents on these processes. A number of perceptual phenomena will be studied (e.g., motion detection, recognition of faces, identification of emotion). A series of practical classes and demonstrations allow students to gain hands-on experience of how some of these principles and phenomena may be studied experimentally.

Textbooks

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PSYC 2012 Statistics & Research Methods for Psych
6 credit points. Dr Margaret Charles. Session: Semester 1. Classes: 2 lec, 1 tut / wk + 1 lec, 1 tut (fortnight). Assumed Knowledge: Recommended: HSC Mathematics, a level. Prerequisites: PSYC (1001) and (1002). Assessment: One 2hr exam; 3 class tests, 1000 word essay/report, one 1hr mid-semester exam. The aim is to introduce students to fundamental concepts in statistics as applied to psychological research. These include summary descriptive statistics, an introduction to the principles and practice of research design, and the use of inferential statistics. Underpinning this framework, the unit of study aims to develop each student's expertise in understanding the rationale for, and application of, a variety of statistical tests to the sorts of data typically obtained in psychological research. Textbooks See school website

PSYC 2013 Cognitive and Social Psychology
6 credit points. Dr Karen Croot. Session: Semester 2. Classes: 3 lec & 1 tut/wk. Prerequisites: PSYC (1001 and 1002). Assessment: One 2hr exam, one 1500-2000 word essay/report, one 1000-1500w written practical exercise. This unit expands the depth and range of topics introduced in the first year lectures on Cognitive Processes, Developmental Psychology and Social Psychology. Following an introductory lecture, the first section (16 lectures) on Cognitive Processes focuses on current theories of memory, attention and reasoning and discusses the methods and issues involved in investigating these processes in both healthy individuals and people with cognitive dysfunctions. The second section (6 lectures) on Developmental Psychology presents and evaluates evidence about the early influences on children's social and cognitive development. The final section (16 lectures) on Social Psychology continues an examination of social development across the lifespan from adolescence to late adulthood, followed by an examination of salient social constructs such as prejudice, group processes, altruism, affiliation and attraction. Textbooks Cognitive: Galotti, KM (2003) Cognitive psychology with Infotrac: In and out of the laboratory. Wadsworth Publishing Social: TBA

PSYC 2014 Personality and Differential Psychology
6 credit points. Dr Sabina Kleitman. Session: Semester 2. Classes: 3 lec & 1 tut/wk. Prerequisites: PSYC (1001 and 1002). Assessment: One 2hr exam, one 1500w essay, one 1500w report. PSYC 2014 is made up of two components: Theories of Personality and Differential Psychology (Individual Differences). The aim of the Personality component is to introduce students to a number of influential theories of personality. Students will be exposed to some conceptual analysis and expected to examine critically the various theories covered. The aim of the Differential Psychology component is to introduce the key topics in individual abilities and group differences. Students are expected to gain an understanding about the major theories of intelligence, associated research methods, and the traditional areas of group differences. Textbooks For Theories of Personality component Monte, C. F. & Sollod, R. N. (2003). Beneath the Mask: An Introduction to Theories of Personality. Wiley. For the Differential Psychology component there is no set text. However, the references listed below are considered essential reading to demonstrate the rigorous performance in this part of the unit of study. Brody, N. (1992). Intelligence (2nd Ed.). San Diego, CA: Academic Press. Mackintosh, N. (1998). IQ and Human Intelligence. New York: Oxford University Press. Neisser, U. et al (1996). Intelligence: Knows and Unknowns. American Psychologist, 51 (2), 77-101.

PSYC 3201 Statistics and Psychometrics
4 credit points. Session: Semester 2. Classes: 2 lec & 1 prac & 1hr unsupervised computer practice/wk. Prerequisites: At least 8 credit points of Intermediate Psychology including PSYC (2112 or 2012). Assessment: Class test; assignment; examination. PSYC 3201 consists of two components, Statistics and Psychometrics. The aim of the Statistics component is to teach students the structure of experiments for which analysis of variance would be an appropriate form of analysis. The unit of study aims to develop students’ ability to ask more focused questions than can be answered by omnibus F tests, specifically by testing of contrasts. The problems of multiple inferences, and the control of the Type I error rate, are integral aspect of the unit of study. The objective of the Psychometrics component is to introduce students to measurement as understood in Psychology, to a range of quantitative theories and to the basic concepts of classical psychometrics, item analysis and test construction. Textbooks See School website

PSYC 3202 History and Philosophy of Psychology
4 credit points. Session: Semester 1. Classes: 2 lec & 1 tut & 1 hr self paced library research/wk. Prerequisites: 12 cr credit points of Intermediate Psychology. Assessment: 2hr exam, 1 x 2000 word essay. PSYC 3202 consists of two components: History of Psychology and Philosophy of Psychology. The History of Psychology introduces the historical foundations of Western psychology from Descartes through to the cognitive revolution in the 1960’s. In covering important individuals, movements and themes, attention is drawn to debate about interpretation of the historical process, and to analysis of the form and structure of the various arguments presented in favour of certain psychological theories. The Philosophy of Psychology introduces traditional and contemporary themes in the philosophy of science and philosophy of mind, with focus on the relevance of psychology. Students are expected to become aware that metaphysical analysis has a central place in psychology alongside empirical methods, that the basic concepts and theories of psychology involve philosophical assumptions which can be articulated and examined. Textbooks See School website

PSYC 3203 Abnormal Psychology
4 credit points. Session: Semester 2. Classes: 2 lec & 1 tut/wk. Prerequisites: At least 8 credit points of Intermediate Psychology including PSYC (2111 or 2011) and PSYC (2113 or 2114). Assessment: 2hr exam, report/presentation. This unit of study critically examines core issues in Abnormal Psychology, concerning the description, explanation and treatment of psychological disorders. The unit of study will include topics such as: (a) Adult abnormal psychology: Anxiety disorders (specific phobias, panic disorder, agoraphobia, OCD); Addictive disorders (drug, alcohol, gambling); Eating disorders (anorexia nervosa, bulimia nervosa); Mood disorders (dysthymia, major depressive disorder, cyclothymia, bipolar disorder); Schizophrenia, Personality disorders. (b) Child abnormal psychology: Learning disabilities, Mental retardation, Pervasive developmental disorders; Attention deficit disorder; Conduct disorder; Anxiety disorders; Depression. Textbooks See School website

PSYC 3204 Behavioural Neuroscience
4 credit points. Session: Semester 2. Classes: 2 lec & 1 prac/wk. Prerequisites: At least 8 credit points of Intermediate Psychology including PSYC (2111 or 2011). Assessment: 2hr exam, class quiz, poster presentation, class participation. This unit of study carries on from the Neuroscience component of PSYC 2111, providing more specialised coverage in the areas of psychopharmacology, addiction, molecular neuroscience, sensorimotor interaction and the neural basis of learning and memory. Topics to be covered include: Psychopharmacology (basic actions of drugs on the brain, mechanism of action of antidepressant, antipsychotic and anxiolytic drugs, effects of recreational drugs (cannabis, MDMA, alcohol, opiates) on brain, behaviour and cognition); Addiction (the neural basis of addiction, animal models of intravenous drug use and relapse to drug seeking behaviour); Molecular Neuroscience (effects of drugs on gene expression, the use of knockout mice and transgenic techniques in neuroscience); Neurobiology of learning and memory (the synaptic and neuroanatomical basis of associative learning and memory retrieval); Sensorimotor Integration (functions of the vestibular system, the role of the hippocampus in spatial learning). In the first few weeks of the unit, tutorials consist of demonstrations and practicals covering basic neuroanatomy, histology and neuropharmacology. In the latter part of the course, tutorials involve groups of students giving poster presentations of recent “hot” papers in the behavioural neuroscience field. Textbooks See School website

PSYC 3205 Cognition, Language and Thought
4 credit points. Session: Semester 1. Classes: 2 lec & 2 hr prac/fortnight. Prerequisites: PSYC (2112 and 2113). Assessment: 2hr exam, class quiz, report & class participation. The aim of this unit of study is to extend the theories and methods of investigating memory and attentional processes discussed in PSYC 2113 to consider a number of domains of higher cognitive processing. One segment of the course will deal with language processing and focus on theoretical issues and research evidence about the processes involved in speech perception and production, visual word recognition reading, language comprehension and language acquisition. The remainder of the course will deal with topics such as the development of expertise, creativity and problem solving, decision-making and the relationship between cognition and emotion. The practical pro-
gram will expose students to a variety of the research methods used to investigate the psychological processes used by people in understanding how these methods can be used to investigate hypotheses about mental processes, consider applications of cognitive research to real-world problems and provide opportunities to discuss the theoretical, methodological and practical implications of the cognitive psychological issues considered in lectures and tutorials.

Textbooks
See School website

PSYC 3206 Developmental Psychology
4 credit points. Session: Semester 1. Courses: 2 lec & 1 tut/wk. Prerequisites: 8 credit points of Intermediate Psychology. Assessment: 2hr exam, report, tutorial assessment.

This unit of study examines various theoretical approaches to and selected issues within Developmental Psychology. The major issues/controversies in Developmental Psychology are examined in relation to a number of the more influential theoretical approaches. Students are expected to gain an understanding of current developmental theory and research. In addition the unit introduces students to a range of issues in selected areas of contemporary Developmental Psychology. Students are expected to gain knowledge of these areas, and to develop a critical approach to the analysis of current research and theoretical issues. They are also required to apply their knowledge in practical exercises involving observations of children.

Textbooks
See School website

PSYC 3209 Learning and Motivation

PSYC 3209 addresses the fundamental concepts and more important research findings of contemporary learning theory and selected approaches to motivation. It examines the application of such fundamental research to issues such as drug tolerance, food choice, stress and health. It is designed to develop skills in reading primary sources in this area and to provide the opportunity for hands-on experience of planning and carrying out a research project.

Textbooks
See School website

PSYC 3210 Perceptual Systems
4 credit points. Session: Semester 1. Courses: 2 lec & 1 lab/wk. Prerequisites: PSYC (2111 and 2112). Assessment: 2hr exam, tutorial assessment.

This unit covers at an advanced level selected topics in Perception from both the psychophysical and neuroscientific perspectives. Students are expected to gain an understanding of the main theoretical perspectives in current research, to appreciate the significance and relevance of basic perceptual research for understanding normal perceptual functioning, and to be able to evaluate the conceptual and empirical worth of research contributions.

Textbooks
See School website

PSYC 3211 Psychological Assesmnt. & Organisational
4 credit points. Session: Semester 2. Courses: 2 lec & 1 tut/wk. Prerequisites: At least 8 credit points of Intermediate Psychology including PSYC (2112 or 2012) and PSYC 2114. Assessment: 2hr exam, written report.

The Psychological Assessment component covers fundamental issues in the construction, evaluation and administration of psychological tests with particular emphasis on tests of cognitive ability and personality. Students will be given ‘hands-on’ experience with a variety of psychological instruments including those used for personality, aptitude and clinical assessment. A variety of psychometric ‘skills’ (eg: calculating reliability, rudiments of scale construction) will also be taught. This component of the unit will conclude with an introduction of state of the art issues in psychological assessment including demonstrations of adaptive and computerised testing and discussion of item response theory (IRT) and factor analysis. The Organisational Psychology component focuses on performance in the workplace and the influence of social factors on such performance. Various aspects of the workplace will be examined, including leadership, workplace conflict, job satisfaction, selection and appraisal.

Textbooks
See School website

PSYC 3212 Social Psychology
4 credit points. Session: Semester 1. Courses: 2 lec & 1 tut/wk. Prerequisites: 8 credit points of Intermediate Psychology including PSYC 2113. Assessment: 1.5hr exam, classwork quiz.

PSYC 3212 continues the coverage of topics in Social Psychology begun in the unit PSYC 2113. The unit is divided into topic areas where the focus is on evaluating theories and the relevant evidence. In any one year approximately four topics will be covered from the following list: affiliation and attraction, social motivation (especially aggression), social cognition, social competence, the impact of aspects of interpersonal environment on social behaviour, jury decision making, interpersonal communication, and social development through the lifespan. Tutorials provide first hand experience of research by involving students in a range of research projects on the topics covered in the lectures. The tutorials also provide an opportunity for discussion of issues associated with the topics covered in lectures.

Textbooks
See School website

PSYC 3214 Communication and Counselling
4 credit points. Session: Semester 2. Courses: 2 lec & 1 tut/wk. Prerequisites: At least 8 credit points of Intermediate Psychology including PSYC (2113 or 2013) and PSYC (2114 or 2014). Assessment: 2hr examination, tutorial assessment.

The communication component of the unit is concerned with understanding how interpersonal communication occurs in a face to face context. The emphasis will be on the structure of language and non-language components that compose the message and the extent to which that message is correctly decoded. The counseling component of the unit aims to provide an introduction to counseling psychology, to critically examine the theoretical foundations of counseling processes and their application, and to consider relevant empirical research and professional issues.

Textbooks
See School website

PSYC 3215 Cognitive Neuroscience & Neuropsychology
4 credit points. Session: Semester 1. Courses: 2 lec & 1 tut/wk. Prerequisites: At least 8 credit points of Intermediate Psychology including two of PSYC (2111 or 2011), PSYC (2112 or 2012), PSYC (2113 or 2013). Assessment: 2hr exam; laboratory class assessment.

The unit of study will encompass two components. The Cognitive Neuroscience component will focus on approaches to studying the human brain at different scales of function (microscopic to macroscopic), the link between cognitive and biological models of brain function and dysfunction, and the application of these models to understanding cognitive neuropsychiatric disorders such as post-traumatic stress, schizophrenia and attention-deficit disorder. The Cognitive Neuropsychology component will use evidence about the selective breakdown of specific cognitive domains (eg memory, language, visual cognition, praxis) in a variety of neurodegenerative and acquired disorders to (1) examine the functional neuroanatomy underpinning those cognitive domains and (2) explore the implications of focal cognitive deficits in neurological patients for models of normal cognitive function.

Textbooks
See School website

Psychology Honours
Prerequisite: Average of Pass with Credit or better in 24 credit points of Intermediate Psychology, and also in at least 24 credit points of Senior Psychology which must include PSYC 3201 and 3202. BPysch students should consult the School Honours Committee regarding the School Honours requirement.

Due to restricted resources for research supervision, the intake to Psychology 4 Honours will be limited to approximately 55 students and will be determined by academic merit in Intermediate and Senior Psychology.

Assessment: Formal exams in Ethics and Issues in Psychology and in Research Methods; report of empirical research project; theoretical thesis or assessment in three Special Fields modules.

Students are required to:
(a) devise, conduct and report upon an empirical research project (research area dependent on interests and specialities of staff members);
(b) write a theoretical thesis or attend two Special Fields seminars and complete required assessment tasks; and
(c) attend one lecture series in Ethics and Issues in Psychology and two series of lectures in Research Methods.