One 3 hr exam (55%), assignments (45%) ie fruit crops 15%, vegetables 15%, tropical and environmental horticulture 15%.

Emphasis is given to the scientific basis for fruit and wine grape production and to sustainable vegetable crop production and tropical horticultural crops. Concepts underlying the establishment of and management of urban plants and use are addressed. The unit develops skills in the evaluation of technical and environmental status of established orchards, vineyards, vegetable crops and urban plantings.

**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**
PSYC1001 and PSYC1002 are offered in the Sydney Summer School. Consult the Sydney Summer School website for more information: http://www.summer.usyd.edu.au/.

**PSYC1001**
Psychology 1001
Credit points: 6 Session: Semester 1, Summer Main Classes: Three 1 hour lectures and one 1 hour tutorial per week, plus 1 hour per week of additional web-based (self-paced) material related to the tutorial. Assessment: One 2.5 hr exam, one 1000w 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, Texts under review - See School website

**PSYC1002**
Psychology 1002
Credit points: 6 Session: Semester 2, Summer Main Classes: Three 1 hour lectures and one 1 hour tutorial per week, plus 1 hour per week of additional web-based (self-paced) material related to the tutorial. Assessment: One 2.5 hr exam, one 1250 word research report, 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, Texts under review - See School website

**Intermediate units of study**

**PSYC2011**
Brain and Behaviour
Credit points: 6 Teacher/Coordinator: Dr Ian Johnston Session: Semester 1 Classes: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: PSYC(1001 and 1002), Prohibitions: PSYC2111 Assessment: One 2 hour exam, one 1500 word practical report, one 1000 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
See school website

PSYC2012
Statistics & Research Methods for Psych
Credit points: 6 Teacher/Coordinator: Dr Margaret Charles Session: Semester 2 Classes: Two 1 hour lectures and one 1 hour tutorial per week. Prerequisites: PSYC (1001 and 1002). Prohibitions: PSYC2112 Assumed knowledge: Recommended: HSC Mathematics, any level Assessment: One 2 hour exam, three class tests, one 1000 word group project, one 1 hour 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. Building upon 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

PSYC2013
Cognitive and Social Psychology
Credit points: 6 Teacher/Coordinator: Dr Karen Crook Session: Semester 2 Classes: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: PSYC (1001 and 1002). Prohibitions: PSYC2113 Assessment: One 2 hour exam, one 1500-2000 word essay/report, one 1000-1500 word 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: See School website
Social: White, Hayes & Livesey (2005), Developmental Psychology from Infancy to Adulthood.

PSYC2014
Personality and Differential Psychology
Credit points: 6 Teacher/Coordinator: Dr Fiona White Session: Semester 2 Classes: Three 1 hour lectures and one 1 hour tutorial per week. Prerequisites: PSYC (1001 and 1002). Prohibitions: PSYC2114 Assessment: One 2 hour exam, one 1500 word essay, one 1500 word report.

PSYC2014 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 key topics in the study and assessment of individual differences in various psychological attributes. Students are expected to gain an understanding about the major theories of intelligence, associated research methods, and the traditional areas of group differences.

Textbooks
Theories of personality component:
Differential Psychology component:
See School website

Senior units of study

PSYC3010
Advanced Statistics for Psychology
Credit points: 6 Teacher/Coordinator: Dr Sabina Kielman Session: Semester 2 Classes: Two 1 hour lectures and one 2 hour tutorial per week. Prerequisites: PSYC (2012 or 2112) plus at least one other Intermediate Psychology Unit of Study from PSYC (2011 or 2111), PSYC (2013 or 2113), PSYC (2014 or 2114). Prohibitions: PSYC3201 Assessment: One 2 hour exam, class test, 1500 word assignment, practical exercises.

This unit of study expands upon students' knowledge of the general linear model and its applications in the analysis of data from psychological research. The first half of the course is focused on research for which analysis of variance would be appropriate, and develops students' ability to test more focused questions than can be answered by omnibus F tests. Issues that arise in testing contrasts, such as inflation of Type I error, will also be considered. In the second half of the course, students will further their understanding of multivariate techniques, such as multiple regression analysis.

Textbooks
See School website

PSYC3011
Learning and Behaviour
Credit points: 6 Teacher/Coordinator: Dr Justin Harris Session: Semester 2 Classes: Two 1 hour lectures and one 2 hour tutorial per week. Prerequisites: PSYC (2011 or 2111) and at least one other Intermediate Psychology Unit from PSYC (2012 or 2112), PSYC (2013 or 2113), PSYC (2014 or 2114). Prohibitions: PSYC3209 Assumed knowledge: PSYC (2012 or 2112) Assessment: One 2 hour exam, one 2000 word prac report, tutorial assessment.

This unit addresses the fundamental concepts and more important research findings related to contemporary theories of associative learning in animals and humans. It examines the application of such fundamental research to issues such as drug use, food choice, and learned helplessness. It is designed to foster skills in reading primary sources in this area, and provide the opportunity for hands-on experience in carrying out a research project.

Textbooks
See School website

PSYC3012
Cognition, Language and Thought
Credit points: 6 Teacher/Coordinator: Dr Bruce Burns Session: Semester 2 Classes: Two 1 hour lectures and one 2 hour practical per week. Prerequisites: PSYC (2013 or 2113) and at least one other Intermediate Psychology Unit from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2014 or 2114). Prohibitions: PSYC3205 Assumed knowledge: PSYC (2012 or 2112) Assessment: One 2 hour exam, 2000 word prac report, practical exercise(s).

This unit extends the theories and methods of investigating memory and attentional processes discussed in PSYC2013 to consider a number of domains of higher cognitive processing. One strand of the course will focus on language processing and consider how children learn language, the processes involved in speech perception and production, language comprehension and reading. The remainder of the course will deal with the cognitive processes involved in reasoning and decision-making. The practical program will expose students to a variety of the research methods used to investigate higher cognitive processes, develop their understanding of how these methods can be used to investigate hypotheses about mental processes and consider applications of cognitive research to real-world problems and issues.

Textbooks
See School website

PSYC3013
Perceptual Systems
Credit points: 6 Teacher/Coordinator: Assoc: Prof Colin Clifford Dr Alex Holcombe Session: Semester 2 Classes: Two 1 hour lectures and one 2 hour tutorial per week. Prerequisites: PSYC (2011 or 2111) and at least one other Intermediate Psychology Unit from PSYC (2012 or 2112), PSYC (2013 or 2113),
Students are expected to gain an understanding of the main theoretical influences upon current developmental research and to be able to compare and contrast theories of development. The second part of 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 expected to apply their knowledge in practical exercises involving observations of children.

Textbooks

PSYC3017
Social Psychology
Credit points: 6 Teacher/Coordinator: Dr Alan Craddock Session: Semester 1 Classes: Two 1 hour lectures and one 2 hour tutorial per week. Prerequisites: PSYC (2013 or 2113) and at least one other Intermediate Psychology Unit of Study from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2014 or 2114). Prohibitions: PSYC3212 Assumed knowledge: PSYC (2012 or 2112). Assessment: One 2 hour exam, one 2500 word research report, tutorial presentation.

PSYC3017 continues the coverage of topics in Social Psychology begun in PSYC1001 and PSYC2013. The unit is divided into topic areas, where the emphasis is on evaluating theories and the relevant evidence. Topics areas include social relationships, antisocial behaviours, applied social psychology (effects of the physical environment on social behaviour; jury decision making), social cognition, leadership, and cross cultural psychology. 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 these topics.

Textbooks
See School website.

PSYC3018
Abnormal Psychology
Credit points: 6 Teacher/Coordinator: Dr Marianna Szabo Session: Semester 2 Classes: Two 1 hour lectures and one 2 hour tutorial per week. Prerequisites: PSYC (2014 or 2114) and at least one other Intermediate Psychology unit of study from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2013 or 2113). Prohibitions: PSYC3203 Assumed knowledge: PSYC2012 Assessment: One 2 hour exam, one 2000 word essay, tutorial 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 Hyperactivity disorder; Conduct disorder; Anxiety disorders, Depression.

Textbooks
See School website.

PSYC3019
Communication and Counselling
Credit points: 6 Teacher/Coordinator: Dr Alan Craddock Session: Semester 2 Classes: Two 1 hour lectures and one 2 hour tutorial per week. Prerequisites: PSYC2013 and one other Intermediate Psychology Unit of study from PSYC (2011 or 2111), PSYC (2012 or 2112) and PSYC (2014 or 2114). Prohibitions: PSYC3214 Assumed knowledge: PSYC (2012 or 2112). Assessment: One 2 hour exam, one 2500 word report, quiz.

Communication: This part 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. Counselling: This part of the unit of study aims to provide an introduction to counselling psychology, to
critically examine the theoretical foundations of counselling processes and to consider relevant empirical research.

Textbooks
See School website.

**Psychology Honours**

*Prerequisites for admission*
A Major in Psychology with Credit average or better across both the Intermediate and Senior Psychology* Units of Study comprising the 48 credit points of Intermediate and Senior Psychology Units that constitute the minimum required for the major. PSYC (3010 or 3201) must be included in the Senior Units. BPsych students should consult resolutions in chapter 6. School permission required. Due to restricted resources for research supervision, the intake to Psychology Honours will be limited to approximately 80 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.

**HPSC3023 Psychology & Psychiatry History & Phil**
HPSC3023 Psychology & Psychiatry History & Phil can be counted towards a Psychology Major. Successful completion of this unit of study is essential for students intending to take the Theoretical Thesis option in Psychology Honours.

**Virology**
Details for Virology units can be found under the Microbiology entry.