Faculty of Science Handbook 2006
Qualified students will participate in alternative components of PLNT3003 Systematics and Evolution of the Plants. The content and nature of these components may vary from year to year.

Textbooks

BIOL 3009 Terrestrial Field Ecology
6 credit points. B A, B, BSc (Bioinformatics), B Cs (Environmental), B Sc (Marine Science), UG Study Abroad Program. Dr. Glenda Wandle (UEQ), Prof Christopher Dickman, Dr. Dieter Hochuli, Dr. Clare McArthur. Session: S2 Intensive. Classes: 6 day field trip, 10 lectures and 2 tutorials. Assessed Knowledge: Ecological Methods (BIOL 3006) or Ecological Methods (advanced) BIOL 3006. Prior completion of one of the following units is strongly recommended: 12 credit points of intermediate level Biology. Prohibitions: BIOL 3009, 3041, 3941, 3042, 3942, 3024, 3924. Assessment: Discusssion and quiz (10%), research project proposal and brief presentation (10%), sampling project report (20%), specimen collection (10%), research project report (50%).

NB: Dated: Wednesday 16 July to Friday 21 July 2006

This field course provides practical experience in the experimental analysis of terrestrial populations and assemblages. Students learn a broad range of ecological sampling techniques and develop a detailed understanding of the logical requirements necessary for manipulating ecological field experiments. The field work incorporates survey techniques for plants, small mammals and invertebrates and thus provides a good background for ecological consulting work. Students attend a week-long field course and participate in a large-scale research project as well as conducting their own research project. Invited experts contribute to the lectures and discussions on issues relating to the ecology, conservation and management of Australia's terrestrial flora and fauna.

BIOL 3009 Terrestrial Field Ecology (Advanced)
6 credit points. B A, B, BSc (Bioinformatics), B Sc (Environmental), B Sc (Marine Science), UG Study Abroad Program. Dr. Glenda Wandle (UEQ), Prof Christopher Dickman, Dr. Dieter Hochuli, Dr. Clare McArthur. Session: S2 Intensive. Classes: 6 day field trip, 10 lectures and 2 tutorials. Assessed Knowledge: Ecological Methods (BIOL 3006) or Ecological Methods (advanced) BIOL 3006. Prior completion of one of these units is very strongly recommended. Prerequisites: Distinction average in 12 credit points of intermediate level Biology. Prohibitions: BIOL 3009, 3041, 3941, 3042, 3942, 3024, 3924. Assessment: Discussions and quiz (10%), research project proposal and brief presentation (10%), sampling project report (20%), specimen collection (10%), research project report (50%).

NB: Dated: Wednesday 16 July to Friday 21 July 2006

This unit has the same objectives as BIOL 3009 Terrestrial Field Ecology, and is suitable for students who wish to pursue certain aspects in greater depth. Entry is restricted, and selection is made from the applicants on the basis of their previous performance. Students taking this unit of study will participate in alternatives to some elements of the standard course and will be required to pursue the objectives by more independent means. Specific details of this unit of study and assessment will be announced in meetings with students at the beginning of the unit. This unit of study may be taken as part of the BSc (Advanced) program.

BIOL 3017 Fungal Biology
6 credit points. B A, B, BSc (Bioinformatics), B Cs (Environmental), B Sc (Marine Science). UG Study Abroad Program. Dr. P McGee. Session: Semester 1a. Classes: 5 ke & 15 prac in a two week intensive program immediately prior to semester one (labs run from 20 February to 3 March 2008), plus the equivalent of 30hrs self-guided study during the semester. Prerequisites: Distinction average in 6 credit points of Intermediate Biology and 6 Intermediate credit points or either Microbiology or Geography, or their equivalent. Prohibitions: BIOL3917. Assessment: One 2hr take home exam, laboratory and written assignments. NB: The completion of 6 credit points of MBIL units is highly recommended.

Students interested in fungal ecology, environmental and rehabilitation biology, fungal biodiversity, biological control and soil microbiology will study the structure and function of fungi. Emphasis will be placed on the benefit provided by fungi in symbiotic interactions with plants, including mycorrhizal fungi and shoot-borne endophytes. Physiological and ecological implications of the interactions will also be examined, emphasising the use of these interactions in vegetation restoration and biocontrol of pests and pathogens. Students will be encouraged to develop a deeper understanding of one area of Fungal Biology through independent study. Part of the learning material will be available on the internet.

BIOL 3917 Fungal Biology (Advanced)
6 credit points. B A, B, BSc (Bioinformatics), B Cs (Environmental), B Sc (Marine Science), UG Study Abroad Program. Dr. P McGee. Session: Semester 1a. Classes: 5 ke & 15 prac in a two week intensive program immediately prior to semester one (from 20 February to 3 March 2006), plus the equivalent of 50hrs self-guided study during the semester. Prerequisites: Distinction average in 12 credit points of Intermediate Biology and 6 Intermediate credit points or either Microbiology or Geography, or their equivalent. Prohibitions: BIOL3017. Assessment: One 2hr take home exam, laboratory and written assignments. NB: The completion of 6 credit points of MBIL units is highly recommended.

Qualified students will participate in alternative components of BIOL3017 Fungal Biology. The content and nature of the components will vary each year, but will include individual research on the plant topic agreed with the executive officer.

PPAT 3003 Plant Disease
6 credit points. B Hort Sc, B IW Sc, B Sc, B Sc Agr, UG Study Abroad Program. Prof. Len Levey, Burgess and Prof David Guest. Session: Semester 1. Classes: 2 lec, 3 prac-tical classes/wk. Prerequisites: Two of PLNT2001, PLNT 2901, PLNT 2002, PLNT 2902, PLNT 2003, PLNT 2903, MICR 2024 or MICR 2025. Assessment: Written exam 2 hr (60%), 12 Quizzes (15%), Group project report (25%).

This unit introduces fungi and other microbes as causes of plant disease that limit agricultural and horticultural production. The practical component introduces techniques used in handling and identifying fungi, and in studying plant disease. Emphasis is placed on the design of experiments and interpretation of experimental data. Topics include symptoms and diagnosis of plant disease; the biology, epidemiology and management of fungi and other microbes that cause plant disease; breeding for disease resistance; plant-parasite relationships; and disease resistance in plants.

Textbooks

HORT 3005 Production Horticulture

HORT 3004 Postharvest Biology and Technology
6 credit points. B Hort Sc, B IW Sc, B Sc, BSc (Bioinformatics), B Sc (Environmental), B Sc (Molecular Biology & Genetics), B Sc Agr, UG Study Abroad Program. Dr Robyn McConchie. Session: Semester 1. Classes: 2 lec, 3-4 labs/seminars/workshops/wk. Assessed Knowledge: HORT 1001, HORT 1002, HORT 2001, HORT 2002. Two of PLNT 2001, PLNT 2901, PLNT 2002, PLNT 2003, PLNT 2903. Assessment: Exam 2hr (80%), Laboratory Reports (25%), Assignment (10%), Seminar (5%). The unit develops understanding and skills relevant to the maintenance of quality during the harvesting, handling, storage and marketing of fresh plants and plant parts. The subject integrates the postharvest physiology of products that are handled or marketed in a living state, with the technological and economic challenges associated with delivering them from the field to the consumer. Supply chain analysis of crops will be examined via case study examples, drawn from fruits, vegetables, cut flowers, nursery and foliage crops, turf and edible fungi. Students will study all operations from harvesting to consumer evaluation.

Textbooks

AGRO 3002 Agronomy 3
6 credit points. B Agr Ee, B Aan Vet Bio, B Hort Sc, B IW Sc, B Res Ec, B Sc, B Sc Agr, UG Study Abroad Program. A/Prof Bruce Sutton. Session: Semester 1. Classes: 5 student contact hrs/wk, workshops and discussions (36 hr total), labs (26 hr total). Assessed Knowledge: CROP 1001 or HORT 1001 or LWSC 1001. Prerequisites: PLNT 2003 or PLNT 2903. Assessment: One 2 hour exam, consultancy report, practical reports.

Agronomy studies the practices and underlying concepts of sustainable crop and pasture production. The scientific basis of modern practices used in crop production, particularly the emphasis on how to grow South Wales, is explored. This knowledge is used to appreciate the scale of future problems such as climate change, soil degradation and increased costs of petrochemical-based inputs like fuel and fertilizers. Possible responses to these problems that will help maintain productivity will be examined. The relationship between agricultural production and natural resource management is also considered as part of a modern production environment, with the impact of recent legislation supporting Ecologically Sustainable Development agriculture and the agricultural response to it as the focus of discussion. The practical classes will develop key skills appropriate to precision agriculture and use of current decision support systems.

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.
Extensive information about the subject and the School is available on the School web-site: www psyh usyd edu.au

A normal first year sequence required for a major in Psychology is:
PSYC 1001, 1002, 2011, 2012, 2013, 2014, and at least four Senior units of study selected from PSYC3010*, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, and HPSC3023. Mid-year entry is possible and involves modification of this sequence.* (*Required for entry to Fourth Year)

All units of study are 6 credit points. The units of study available are:

PSYC 1001
PSYC 1002
PSYC 2011
PSYC 2012
PSYC 2013
PSYC 2014
PSYC 3010
PSYC 3011
PSYC 3012
PSYC 3013
PSYC 3014
PSYC 3015
PSYC 3016
PSYC 3017
PSYC 3018
PSYC 3019
HPSC 3023

Registration and notecards

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, or by obtaining their timetables through MyUni, 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 notecard on the 4th Floor of the Old Teachers College Building.

Enquiries

The main enquiry office of the School is Room 325, Level 3 Brennan MacCallum Building, Al 8 (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 constituting a major in Psychology, and must include PSYC3010. 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 coursework by way of essays, reports or practical/labouratory work. At the beginning of each unit of study students are advised of the contributions of exam and coursework for assessment purposes.

Summer School: January-February
PSYC 1001 and PSYC 1002 are offered in the Sydney Summer School. Consult the Sydney Summer School website for more information. http://www.summer.usyd.edu.au

PSYC 1001 Psychology 1001

6 credit points. B, B Agr Ec, B, B Ec (Soc Sc), B Ed, B A (Psych), B Ed, B Sc (Psych), B Med, B Sc, B Sc (Molecular Biology & Genetics), B Sc (Nutrition), USYD Study Abroad Program, USYD Summer/Winter School. Session: Semester 1, Summer. Classes: 3 hr & 2 tutorial hrs/wk and 1 hr/wk of additional web-based (self-paced) material related to the tutorial (1hr/wk practical/demonstration). Assessment: One 2hr 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 Gray, P. (2002). Psychology (4th Edition). New York: Worth Publishers.

PSYC 1002 Psychology 1002

6 credit points. B, B Agr Ec, B, B Ec (Soc Sc), B Ed, B A (Psych), B Ed, B Sc (Psych), B Med, B Sc, B Sc (Molecular Biology & Genetics), B Sc (Nutrition), USYD Study Abroad Program, USYD Summer/Winter School. Session: Semester 2, Summer. 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 2hr exam, one 1000W 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 Gray, P. (2002). Psychology (4th Edition). New York: Worth Publishers.

PSYC 2011 Brain and Behaviour

6 credit points. B, B Agr Ec, B Ec (Soc Sc), B Ed, B A (Psych), B Sc, B Sc (Molecular Biology & Genetics), Grad Dip Psych, USYD Study Abroad Program. AProf Ian Mc Gregor. Session: Semester 1. Classes: 3 lee, 1 tut/week. Assessment: Genera PSYC 2011. Assessment: One 2hr exam, one 1500W practical report, one 1500W essay and six formality quizzes. This unit of study examines a range of topics 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. Assessment are 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 experimentally (e.g. 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

PSYC 2012 Statistics & Research Methods for Psych

6 credit points. B, B Agr Ec, B Ec (Soc Sc), B Ed, B A (Psych), B Ed, B Sc (Psych), B Sc, B Sc (Molecular Biology & Genetics), Grad Dip Psych, USYD Study Abroad Program, Dr Margaret Charles. Session: Semester 1. Classes: 2 lee, 1 tut/wk + 1 lee, 1 tut/fortnight. Assumed Knowledge: Recommended: HSC Mathematics, any level. Prerequisites: PSYC 1001 and 1002. Prohibitions: PSYC 2112. Assessment: Overall 2hr exam; 3 class tests, 1OOOW group project, 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. 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

PSYC 2013 Cognitive and Social Psychology

6 credit points. B, B Agr Ec, B Ec (Soc Sc), B Ed, B A (Psych), B Ed, B Sc (Psych), B Sc, B Sc (Molecular Biology & Genetics), Grad Dip Psych, USYD Study Abroad Program, Dr Karen Croot. Session: Semester 2. Classes: 3 lee & 1 tut/week. Prerequisites: PSYC 1001 and 1002. Prohibitions: PSYC 2113. 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

3. Undergraduate tables and units of study

PSYC 3013 Perceptual Systems
6 credit points. B, A, Ag E, B, Ec (Soc Sc), B, Ed, B, Psyc (Psych), B, Sc, Grad Dip Psych, UG Study Abroad Program. Dr. Colin Clifton. 
Dr Tatjana Seziou-Caige. Session: Semester 2. Classes: 1hr lec, 1 hr 2nd tert/wk. Assumed Knowledge: PSYC2102, Prerequisites: PSYC2102 or at least one Intermediate Psychology Unit from PSYC (2012 or 2112), PSYC (2013 or 2113), PSYC (2014 or 2114) or ANAT2100. Prohibitions: PSYC3210. Assessment: One 2hr exam, 1000 words report, essay: group presentation.

The unit covers at an advanced level selected topics in perception from the psychophysical, physiological and neuropsychological perspectives. Students are expected to gain an understanding of some of the major theoretical issues motivating current perceptual research, to appreciate the significance of basic perceptual research for understanding normal perceptual functioning, and to be able to evaluate the empirical and conceptual worth of research contributions.

Textbooks

PSYC 3014 Behavioural and Cognitive Neuroscience
6 credit points. B, A, Ag E, B, Ec (Soc Sc), B, Ed, B, Psyc (Psych), B, Sc, Grad Dip Psych, UG Study Abroad Program. Dr. Jan Johnston. 
Dr. Karen Croot. Session: Semester 2. Classes: 3hr lec, 1hr prac. Assumed Knowledge: PSYC (2113 or 2114). 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) OR (ANAT2100 plus PCOL2110). Prohibitions: PSYC3204, PSYC3215. Assessment: One 2 hour exam, one major essay/report 2000-2500 words, 1000-1500 word written practical exercise.

This unit will study on approaches to studying neurosciences incorporating molecular, pre-clinical and clinical models of brain function. These biological models of brain function will be linked with behavioural, affective and cognitive function and dysfunction. The implications of focal cognitive deficits in neurological patients for models of normal cognitive function will also be explored. Specific topics to be covered will be selected from the following areas: psychopharmacology, addiction, molecular neuroscience, sensorimotor integration, and the neural basis of learning and memory, language, visual cognition and praxis. In addition to lectures, a practical component will cover basic neuroanatomy, histology and neuropharmacology, and will introduce students to experimental and case-study approaches to studying neurosciences.

Textbooks
See School website

PSYC 3015 Intelligence and Human Reasoning
6 credit points. B, A, Ag E, B, Ec (Soc Sc), B, Ed, B, Psyc (Psych), B, Sc, Grad Dip Psych, UG Study Abroad Program. Dr. Damien Birney. 
Dr. Jens Beckmann. Session: Semester 1. Classes: 2hr lec, 2nd tert/wk. Assumed Knowledge: PSYC(2012 or 2112), Prerequisites: PSYC(2012 or 2112), at least one other Intermediate Psychology Unit from PSYC (2011 or 2111), PSYC (2012 or 2112), PSYC (2013 or 2113), PSYC (2014 or 2114). Prohibitions: PSYC3209. Assessment: One 2hr exam, 2000 word report, 1000 word prac exercise(s).

This unit covers the fundamental concepts and most important research findings related to contemporary theories of associative learning in animals and humans. It examines the application of such fundamental concepts to 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
TBA

PSYC 3016 Developmental Psychology

This unit examines various theoretical approaches to human development and selected issues within Developmental Psychology. The major issues/controversies in developmental theory are examined in relation to a number of the more influential theoretical approaches. Students are expected to gain an understanding of the main theoretical influences upon current developmental research, and 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 observational data on children.

Textbooks
3. Undergraduate tables and units of study

**PSYC 3017 Social Psychology**
6 credit points. B A, B Agr Ec, B Ec (Soc Sc), B Ed, B Sc (Psych), B Sc, Grad Dip Psych. UG Study Abroad Program. Dr Michael Walker. **Session:** Semester 1. **Classes:** 2 lec, 2 tut/wk. **Assumed Knowledge:** PSYC (2012 or 2112). **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. **Assessment:** One 2 hr exam, 2500wld research report, tutorial presentation. **PSYC3017** continues the coverage of topics in Social Psychology begun in PSYC1001 and PSYC2113. 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.

**PSYC 3018 Abnormal Psychology**
6 credit points. B A, B Agr Ec, B Ec (Soc Sc), B Ed, B A (Psych), B Ed, B Sc (Psych), B Sc, Grad Dip Psych. UG Study Abroad Program. Dr Marianna Szabo. **Session:** Semester 2. **Classes:** 2 lec, 2 tut/wk. **Assumed Knowledge:** PSYC2012. **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. **Assessment:** One 2 hr exam, 2500wld essay, tutorial presentation. **PSYC3018** 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.

**PSYC 3019 Communication and Counselling**
6 credit points. B A, B Agr Ec, B Ec (Soc Sc), B Ed, B A (Psych), B Ed, B Sc (Psych), B Sc, Grad Dip Psych. UG Study Abroad Program. Dr Michael Walker. **Session:** Semester 2. **Classes:** 2 lec, 2 tut/wk. **Assumed Knowledge:** PSYC (2012 or 2112). **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. **Assessment:** One 2 hr exam, 2500wld 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**
Prerequisite:- 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 5201) must be included in the Senior Units. BPsych students should consult resolutions in chapter 5. School permission required. 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 specialties 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 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.