Department of Physiology

The Department of Physiology provides main courses for those wishing to major in physiology and an auxiliary course for others. Students reaching an acceptable standard may enrol for the honours year, MSc or PhD degrees.

It will be possible for BSc students who first enrolled in the degree before 1992 to enrol in Physiology 2, although the main course for study will be an Intermediate Physiology course in the BMSc degree. The Physiology 2 Auxiliary course will remain available for all BSc students in and after 1992.

Location
The Department is in the Anderson Stuart Building opposite Fisher Library bookstack; the office is on the ground floor.

Noticeboards
Information on courses and examination results are placed on a noticeboard near the Manning Road entrance (north side).

Registration
All students (including repeat students and non-degree students) must complete a registration card (available in the office) during the orientation period or earlier. Consult the noticeboard to determine the procedure for arranging your laboratory class time.

Advice on courses
The office will direct you to an appropriate member of staff.

Information booklet
An information booklet and synopses of courses are available in the office.

Physiology 2
16 units
This course is not available to students who first enrolled in the BSc degree after 1991.

See 1994 Faculty of Science Handbook, p. 102 or consult Department for details of this course.

Physiology 2 Auxiliary
8 units
Dr Frommer (course supervisor), Dr Hoh, Dr Mason, Dr Morris, Dr Martin

Prereq Nil

Classes Yr: (3 lec & 1 tut)/wk
Assessment one 2.5hr exam/sem

This is a general course dealing with the functions of the major human body systems: haematology-immunology, cell physiology, renal physiology, gastrointestinal physiology, respiration, cardiovascular physiology, endocrinology, sensory systems, central nervous system. Tutorials cover discussion of lecture material, videos and short practical sessions, but there is no major practical component.

Textbook
R. Rhoades and R. Pflanzer Human Physiology (Saunders, 1992)

Physiology 3
24 units
This course is not available to students who first enrolled in the BSc degree after 1991.

See 1994 Faculty of Science Handbook, pp. 102-103 or consult Department for details of this course.

Physiology Honours
Assoc. Prof. Davey (course supervisor)

During fourth year, no formal course of lectures is provided but students are given a relevant problem to investigate. This problem usually represents a small facet of one of the major current research 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.

Department of Psychology

Psychology is the study of behaviour. As a study it is approached on a scientific basis, with provision for professional training at the postgraduate level. The research activities of the Department cover almost all of the main branches of the subject.

Registration and noticeboards
Students in all years must register during the orientation period. Psychology 1 students register by going to the Carslaw Building during orientation and collecting a personalised computer-generated timetable/which will indicate the lecture stream and the tutorial group to which they have been allocated. Further information will be posted at the Enrolment Centre and on the Psychology 1 noticeboard on the 4th Floor of the Griffith-Taylor Building.

Information about registration meetings for Psychology 2 and Psychology 3 students will also be posted at the Enrolment Centre, and on the departmental noticeboards on the 5th floor of the Griffith-Taylor Building.

Enquiries
The main enquiry office of the Department is Room 416, Griffith-Taylor Building (tel. 351 2872) where details may be obtained of the staff members available throughout the year to discuss particular courses.

Honours
In order to be eligible to graduate with honours in Psychology, it is necessary (except as provided in the by-laws or resolutions) to gain a pass with at least credit in Psychology 2 and Psychology 3. 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 courses are examined at the end of each semester and include class work by way of essays, reports or practical/laboratory work. At the beginning of each course or section of a course, students are advised of its relative weight and the contributions of exam and classwork for assessment purposes.
Textbooks
Check departmental noticeboards before buying prescribed texts.

Psychology 1 12 units
Classes Yr: (3 lec & one 2hr tut)/wk
Assessment Sem 1: one 3hr exam, one 1000w essay, quiz; Sem 2: one 3hr exam, one 1500w prac report, quiz; Yr: 6hr of experimetal participation
Registration with the Department should take place in the orientation period. Details will be posted on departmental noticeboards.

The course 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. The course covers the following areas: subject matter and methods of psychology; basic statistics and measurement; behavioural neuroscience; sensory processes; sodal psychology; personality theory; human development; human mental abilities; learning, motivation and abnormal psychology; visual perception; cognitive processes.

Textbooks
H. Gleitman Psychology (3rd edn) (Norton, 1991)
Handbook and Practical Worksheets for Psychology 1 (1994)

Psychology 2 16 units
Qualifying course Psychology 1
Classes Yr: (4 lec & up to 4hr tut/prac)/wk
Assessment two 2hr exam, essays, prac, reports/sem
Psychology 2 deals with material on both basic and complex psychological processes and covers the following topics:

Psychological statistics
Classes Yr: (1 lec & 1 tut)/wk
Assessment one 1hr exam, quiz/sem

Personality
Classes Sem 1: (1 lec & 1 tut)/wk
Assessment one 1hr exam, one 1500w essay

Individual Differences
Classes Sem 1: (1 lec & 1 tut)/wk
Assessment one 1hr exam

Behavioural Neurosidence
Classes Sem 1: (1 lec & 1 prac)/wk for 8 wks
Assessment one 40min exam

Perception
Classes Sem 1: (1 lec & 1 prac)/wk for 5 wks; Sem 2: (1 lec & 1 prac)/wk for 4 wks
Assessment one 20min exam/sem

Learning
Classes Sem 2: (1 lec & 1 prac)/wk for 9 wks
Assessment one 40min exam, prac report

Social Psychology
Classes Sem 2: (1 lec & 1 tut)/wk
Assessment one 1hr exam, one 1000w essay

Cognitive Processes
Classes Sem 2: (1 lec & 1 prac)/wk
Assessment one 1hr exam, one prac report

Textbooks
To be announced

Psychology 3 24 units
Qualifying course Psychology 2 or 2A
Classes Yr: (4 lec & up to 6hr of tut/prac)/wk
Assessment (two 3hr exams, two 1hr exams, essays, prac reports)/sem

Classes
The course consists of four lectures and up to six hours of practical-tutorial work each week. The classwork includes essays and reports of practical or laboratory work done under supervision.

Courses
Because of timetabling difficulties some courses are offered at times other than those listed for Psychology 3 in the timetable for Senior courses. The detailed arrangements for each semester are as follows:

Students wishing to proceed to Psychology Honours must complete History and Philosophy of Psychology and the options in Measurement & Psychometrics and Statistics & Research Design, plus two options in each semester.

Students not wishing to proceed to Psychology honours must complete History and Philosophy of Psychology plus three options each semester.

Note: All Psychology options are offered subject to the availability of staff and on the condition that they are chosen by an adequate number of students in each case. The topics include:

Semester 1
Abnormal Psychology
Classes (1 lec & 1 tut)/wk
Assessment one 1hr exam, one 1500w essay, tut paper

Cognitive Processes: Recognition, Search and Memory
Classes (1 lec & 1 tut)/wk
Assessment one 1hr exam, prac reports

History and Philosophy of Psychology
(required of all students)
Classes Yr: (1 lec & 1 tut)/wk
Assessment one 1hr exam, tut paper

Intelligence
Classes (1 lec & 1 tut)/wk
Assessment one 1hr exam, one prac report, tut paper

Learning and Motivation
Classes (1 lec & up to 2hr of tut or prac)/wk
Assessment one 1hr exam, prac report

Measurement and Psychometrics
(required of students wishing to proceed to Psychology honours)
Classes (1 lec & 1 tut)/wk
Assessment one 1hr exam, prac report
Social Psychology
Classes (1 lec & 1 tut)/wk
Assessment one 1hr exam, prac report

Theoretical Bases of Development
Classes (1 lec & 1 tut)/wk
Assessment one 1hr exam, one 1500w essay

Semester 2
Behavioural Neuroscience
Classes (1 lec & up to 2hr of prac or tut)/wk
Assessment one 1hr exam, prac report

Child Abnormal Psychology
Classes (1 lec & 1 tut)/wk
Assessment one 1hr exam, one 1000w essay, tut paper

Developmental Issues
Classes (1 lec & 1 tut)/wk
Assessment one 1hr exam, assignment

Environmental and Organisational Psychology
Classes (1 lec & 1 tut)/wk
Assessment one 1hr exam, one prac report

History and Philosophy of Psychology
(required of all students)
Classes (1 lec & 1 tut)/wk
Assessment two 2hr exam, one 2500w essay, tut paper

Human Performance
Classes (1 lec & 1 tut)/wk
Assessment one 1hr exam, prac report

Language and Communication
Classes (1 lec & 1 tut)/wk
Assessment one 1hr exam, assignment

Perceptual Systems
Classes (1 lec & up to 2hr of tut or prac)/wk
Assessment one 1hr exam, prac report

Personality
Classes (1 lec & 1 tut)/wk
Assessment one 1hr exam, assignment

Statistics and Research Design
(required of students wishing to proceed to Psychology Honours)
Classes (1 lec & 1 tut)/wk
Assessment one 1hr exam, prac report

The Nature/Nurture Controversy in Psychology
Classes (1 lec & 1 tut)/wk
Assessment one 1hr exam, one 1500w essay, tut paper

Psychology Honours
Prereq credit or better in Psychology 2 and 3; specified options in Psychology 3
Assessment two 2hr & one 3hr exam or equivalent

Due to lack of resources, the intake to Psychology honours will be limited to approximately 50 students and will be determined by academic merit.

Students are required to (a) devise, conduct and report upon an empirical research project, (b) write a theoretical thesis, and (c) attend one lecture course and two seminar courses and, for nine weeks of first semester, two method courses. The areas of psychology in which these activities may occur depend on the interests and specialities of staff members.

Book lists will be supplied by staff handling the numerous special fields that are available.

Postgraduate study
MSc and PhD in Psychology
See the University’s Statutes and Regulations 1994-95. for by-laws and resolutions. Direct enquiries to the Head of Department.

Master of Psychology
Postgraduate training in clinical psychology is controlled by the Faculty of Science. Details of the Master of Psychology degree awarded on successful completion of this training are available in the Statutes and Regulations 1994-95 and Chapter 7 of this handbook.

Soil Science
See under Department of Agricultural Chemistry and Soil Science.

BSc/LLB
For an introductory statement on the Science/Law course, see Chapter 3.

Legal Institutions
Classes Yr. (3 lec & 2 tut)/wk

An introduction to law which explores the origin and development of law in Australia, and the institutions through which it is promulgated and administered today. Attention is given in this regard to the processes of government, parliamentary, executive and administrative, and the constitutional framework in which these operate. The court structure is also studied, along with the role of the judiciary in shaping the law. Major theories about the nature and purpose of law will be discussed, and students will be encouraged to evaluate critically the way in which legal institutions work.

The tutorial program is used for detailed consideration of the reading materials. The lecturer will post notices relating to the course on the Fisher Stuck noticeboard.

Legal Research and Writing
This course is designed to develop students’ capacity in legal research and writing. The course has two components: legal research (including instruction in computer assisted legal research) and legal writing. Each component must be completed for a pass grade to be obtained. The course is conducted on a pass/fail basis. Both components are integrated in law subjects taught in the first three years of the Combined degree.