

Psychology (PSYC)

Department of Psychology
Faculty of Arts and Social Sciences

PSYC 1001 [0.5 credit] (formerly 49.101*)

Introduction to Psychology I

A survey of topics associated with psychology's role as a natural science, including neuroscience, cognition, and learning.

Precludes additional credit for PSYC 1000.

Lecture three hours a week.

PSYC 1002 [0.5 credit] (formerly 49.102*)

Introduction to Psychology II

A survey of topics associated with psychology's role as a social science, including social psychology, personality and abnormal psychology.

Precludes additional credit for PSYC 1000.

Prerequisite: PSYC 1001.

Lecture three hours a week.

PSYC 2001 [0.5 credit]

Introduction to Research Methods in Psychology

A general introduction to research methodologies employed within contemporary psychology. Topics covered include research designs (experimental, quasi-experimental) and techniques (observations, surveys), basic descriptive statistics, and how to interpret and report research findings.

Precludes additional credit for STAT 2606, GEOG 2005 or PSYC 2000.

Prerequisite: PSYC 1001 and PSYC 1002, or PSYC 1000, or permission of the Department.

Lecture three hours a week.

PSYC 2002 [0.5 credit]

Introduction to Statistics in Psychology

A general introduction to statistical techniques employed within contemporary Psychology. Topics covered include basic data analysis using descriptive and inferential statistics (t-tests, ANOVA, correlation, chi-square).

Prerequisite: PSYC 1001 and PSYC 1002 or PSYC 1000, PSYC 2001 or permission of the Department.

Precludes additional credit for GEOG 2006 or STAT 2606 and PSYC 2000.

PSYC 2100 [0.5 credit] (formerly 49.210*)

Introduction to Social Psychology

Introduction to contemporary theory and research in social psychology. Areas covered include attitude structure and change, small groups and social learning.

Note: Students who wish to substitute SOCI 2100 for PSYC 2100 should consult the Undergraduate Office of the Department of Psychology. Students may not offer both SOCI 2100 and PSYC 2100 for credit.

Prerequisite: PSYC 1001 and PSYC 1002, or PSYC 1000.

Lectures three hours a week.

PSYC 2200 [0.5 credit] (formerly 49.220*)

Biological Foundations of Behaviour

A general introduction to the biological basis of behaviour with particular reference to biological mechanisms associated with sensory and perceptual processes, motivation, emotion, learning and cognition.

Prerequisite: PSYC 1001 and PSYC 1002, or PSYC 1000.

Lectures three hours a week.

PSYC 2300 [0.5 credit] (formerly 49.230*)

Origins of Modern Psychology

Survey of the evolution of psychology in Europe and North America, with an emphasis on psychology as a specialized area of knowledge and practice in the nineteenth and twentieth centuries.

Prerequisite: PSYC 1001 and PSYC 1002, or PSYC 1000.

Lectures three hours a week.

PSYC 2400 [0.5 credit] (formerly 49.240*)

Introduction to Forensic Psychology

Forensic psychology, including a critical review of theories,

methods, and research findings. Topics covered may include development of offending, eyewitness testimony, victim studies, risk assessment, offender rehabilitation, offender classification, and police studies.

Prerequisite: PSYC 1001 and PSYC 1002, or PSYC 1000.

Lectures three hours a week.

PSYC 2500 [0.5 credit] (formerly 49.250*)

Foundations of Developmental Psychology

Basic principles of developmental psychology with a concentration on theories and methods. Emphasis is on the psychology of childhood and adolescence.

Prerequisite: PSYC 1001 and PSYC 1002, or PSYC 1000.

Lectures three hours a week.

PSYC 2600 [0.5 credit] (formerly 49.260*)

Introduction to the Study of Personality

An introduction to the study of personality. Consideration of problems, methods and theories.

Prerequisite: PSYC 1001 and PSYC 1002, or PSYC 1000.

Lectures three hours a week.

PSYC 2700 [0.5 credit] (formerly 49.270*)

Introduction to Cognitive Psychology

A general introduction to cognitive processes, including a survey of theories, issues, methods and findings. Topics covered may include pattern recognition, attention, imagery, learning (animal and human), memory, language, and thinking.

Prerequisite: PSYC 1001 and PSYC 1002, or PSYC 1000.

Lectures three hours a week.

PSYC 2800 [0.5 credit] (formerly 49.280*)

Introduction to Human Factors

Theoretical foundation, philosophy and practical application of techniques for analyzing from a psychological perspective how people interact with designed environments. A major goal is to determine how these environments should be designed to suit human capabilities.

Prerequisite: PSYC 1001 and PSYC 1002.

Lecture three hours a week.

PSYC 3000 [1.0 credit] (formerly 49.300)

Design and Analysis in Psychological Research

Techniques in data analysis, probability theory, sampling distribution theory and the ideas and procedures of estimation, classical and Bayesian approaches to hypothesis testing, linear regression and curve fitting, distribution free hypothesis testing, and the analysis of variance methods in experimental design. Limited enrolment.

Precludes additional credit for ECON 2200, or SOCI 3700.

Prerequisites: PSYC 2000 and permission of the Department.

Intended for Honours students in Psychology.

Lectures and tutorial four hours a week.

PSYC 3100 [1.0 credit] (formerly 49.310)

Social Psychology (Honours Seminar)

An analysis of historical and contemporary developments in social psychology theory, research and methodology. Students may be required to complete independent research projects.

Prerequisites: PSYC 2001 and PSYC 2002 (or PSYC 2000) and PSYC 2100. A CGPA of 8.00 or better in all graded Carleton Psychology courses is normally required. Permission of the Department required; limited enrolment; intended for Honours students.

Lectures, seminars and tutorials six hours a week.

PSYC 3101 [0.5 credit] (formerly 49.311*)

Social Problems

An analysis of one or more social problems from the point of view of social psychology. The problems studied vary from year to year and may include war and peace, prejudice and discrimination, gender roles, politics and social change, leisure and quality of working life.

Prerequisite: PSYC 2100.

Lectures and seminars three hours a week.

PSYC 3102 [0.5 credit] (formerly 49.312*)

Cognitive Processes in Social Psychology

In-depth coverage of one or more sub-areas of social psychology introduced in PSYC 2100. Topics may include attitudes, impression formation, attribution of social causality, decision making, and social judgment.

Prerequisite: PSYC 2100.

Lectures and seminars three hours a week.

PSYC 3103 [0.5 credit] (formerly 49.313*)

Group Processes in Social Psychology

In-depth coverage of one or more sub-areas of social psychology introduced in PSYC 2100. Topics may include interaction in the dyad, coalition formation in larger groups, history and theory of small group research, North American, West-European and East-European models of group behaviour, and training groups in industry. (Also listed as SOWK 3103.)

Prerequisite: PSYC 2100 or permission of the Department.

Lectures and seminars three hours a week.

PSYC 3105 [0.5 credit]

Organizational Psychology

An introduction to the study and practice of industrial/organizational psychology. Representative topics will be drawn from the areas of work behaviour, work motivation, work stress, personnel selection, performance appraisal, human factors, conflict, leadership, and organizational change.

Prerequisite: PSYC 2100.

Lecture and seminar, 3 hours per week.

PSYC 3200 [1.0 credit] (formerly 49.320)

Behavioural Neuroscience (Honours Seminar)

A detailed consideration of biological approaches to the study of behaviour and of research methods used in behavioural neuroscience.

Prerequisites: PSYC 2001 and PSYC 2002 (or PSYC 2000) and PSYC 2200. A CGPA of 8.00 or better in all graded Carleton Psychology courses is normally required. Permission of the Department required; limited enrolment; intended for Honours students.

Lectures, seminars and laboratory tutorials six hours a week.

PSYC 3202 [0.5 credit] (formerly 49.322*)

Sensory Processes

The physiological basis of sensation. Topics include sensory mechanisms, neuropsychological bases of perception and psychological phenomena encountered in the various senses.

Prerequisite: PSYC 2200.

Lectures and seminars three hours a week.

PSYC 3203 [0.5 credit] (formerly 49.323*)

Field Course in Animal Behaviour

Offered in the Department of Biology as BIOL 3605. Only those modules dealing with animal behaviour topics may be offered for Psychology credit.

Prerequisite: permission of the Department.

PSYC 3204 [0.5 credit] (formerly 49.324*)

Drugs and Behaviour

An introduction to synaptic mechanisms and the arrangements of the transmitter-specific brain systems, followed by a discussion of neuro-pharmacological bases of normal and abnormal behaviour and of the behavioural effects of various classes of psychoactive drugs such as stimulants, tranquilizers, opiates.

Prerequisite: PSYC 2200.

Lectures and seminars three hours a week.

PSYC 3205 [0.5 credit] (formerly 49.325*)

Psychopharmacology and Behavioural Medicine

An examination of the relationship between endogenous neurochemical, hormonal and immunological states and various physiological and behavioural pathologies. The contribution of psychological variables to these pathologies will be assessed.

Prerequisite: PSYC 3204 or permission of the Department.

Lectures and seminars three hours a week.

PSYC 3207 [0.5 credit] (formerly 49.327*)

Human Neuropsychology

Human experimental neuropsychology with emphasis on the basic principles and methods used to study brain-behaviour relationships in normal and brain-damaged subjects. Topics include the development and structure of the human nervous system and the principles of neurology.

Prerequisite: PSYC 2200.

Lectures three hours a week.

PSYC 3400 [1.0 credit] (formerly 49.340)

Forensic Psychology (Honours Seminar)

Theoretical and research methodologies in the study of forensic psychology are examined through a detailed consideration of selected topics. Students may be required to complete independent research projects.

Limited enrolment.

Prerequisites: PSYC 2001 and PSYC 2002 (or PSYC 2000) and PSYC 2400 and permission of the department. A CGPA of 8.00 or better in all graded Carleton Psychology courses is normally required. Intended for Honours students.

PSYC 3402 [0.5 credit] (formerly 49.342*)

Criminal Behaviour

An examination of behavioural approaches to the classification and treatment of offenders. Theories and research relevant to selected patterns of law breaking and selected offender types are reviewed. The value of behaviour modification and counseling programs within prisons is examined.

Prerequisite: PSYC 2100 or PSYC 2400 or PSYC 2600.

Lectures and seminars three hours a week.

PSYC 3403 [0.5 credit] (formerly 49.343*)

Addiction

A critical review of theories and research on the acquisition and maintenance of addictive behaviour. The rationale and outcome of treatment programs for the abuse of alcohol, tobacco, the opiates and the amphetamines.

Prerequisites: 2.0 credits in Psychology including PSYC 1001 and PSYC 1002, or PSYC 1000.

Lectures three hours a week.

PSYC 3405 [0.5 credit] (formerly 49.345*)

Psychology of Motivation and Emotion

Historical review of the concepts of motivation and emotion. Examination of such current concepts as anxiety, stress and depression, among the emotions, and obesity, sexual behaviour and the need to achieve, among the motivations.

Prerequisite: PSYC 1001 and PSYC 1002, or PSYC 1000.

Lectures and seminars three hours a week.

PSYC 3406 [0.5 credit] (formerly 49.346*)

Psychological Factors in Health and Illness

Topics covered include sociocultural influences on physical health, psychological factors in physical disease, behavioural diagnostic techniques, pain and its regulation, factors affecting compliance to therapy, and behavioural variables in the treatment and management of physical disorders.

Prerequisite: PSYC 1001 and PSYC 1002, or PSYC 1000.

Lectures and seminars three hours a week.

PSYC 3500 [1.0 credit] (formerly 49.350)

Developmental Psychology (Honours Seminar)

The major theoretical and empirical approaches within developmental psychology are examined through a detailed consideration of selected topics. Students may be required to complete independent research projects.

Prerequisites: PSYC 2001 and PSYC 2002 (or PSYC 2000), PSYC 2500. A CGPA of 8.00 or better in all graded Carleton Psychology courses is normally required. Permission of the Department required. Limited enrolment, intended for Honours students.

Lectures, seminars and laboratory tutorials six hours a week.

PSYC 3505 [0.5 credit] (formerly 49.355*)

Exceptional Children

Selected topics concerning exceptional children such as mentally retarded, brain damaged, physically handicapped,

disturbed and gifted children.

Prerequisite: PSYC 2500.

Lectures and seminars three hours a week.

PSYC 3506 [0.5 credit] (formerly 49.356*)

Cognitive Development

Human cognitive development is examined with a focus on memory, thinking and language through the life span. Topics may include perceptual and language development, emergent literacy, development of strategies and development of reading and arithmetic skills.

Prerequisites: PSYC 2500 and PSYC 2700.

Lectures three hours a week.

PSYC 3507 [0.5 credit] (formerly 49.357*)

Social Development

The development of the individual is examined with a focus on social cognition and social behaviour. Topics may include the role of temperament in development, the role of parents, siblings and peers in social/emotional development, the development of prosocial and aggressive behaviour, moral development and the development of self and other understanding.

Prerequisite: PSYC 2500.

Lectures three hours a week.

PSYC 3600 [1.0 credit] (formerly 49.360)

Personality (Honours Seminar)

Issues and research methodologies in the study of personality. Included may be a consideration of research on psychopathology and personality theory, and evaluation of psychotherapy/counseling process and outcome. Students may be required to complete independent research projects. Prerequisites: PSYC 2001 and PSYC 2002 (or PSYC 2000), PSYC 2600. A CGPA of 8.00 or better in all graded Carleton Psychology courses is normally required. Permission of the Department required. Limited enrolment, intended for Honours students.

Lectures, seminars and laboratory tutorials six hours a week.

PSYC 3603 [0.5 credit] (formerly 49.363*)

Psychology of Women

An examination of the literature on the psychology of women. Topics to be considered include: theories of female personality development, sex differences in ability and personality, biological influences on female behaviour, female sexuality, sex roles, women's roles throughout the life span.

Prerequisite: PSYC 2100 or PSYC 2500 or PSYC 2600.

Lectures three hours a week.

PSYC 3604 [0.5 credit] (formerly 49.364*)

Abnormal Psychology

History of the concept of behavioural abnormality. Theory and selected research dealing with the nature and etiology of behavioural abnormality.

Prerequisites: PSYC 2600 or PSYC 2500 or both PSYC 1001 and PSYC 1002, or PSYC 1000, and third-year standing.

Lectures three hours a week.

PSYC 3606 [0.5 credit] (formerly 49.366*)

Issues in Personality

Topics selected from areas of interest in Personality. When offered, detailed topic descriptions are available from the departmental office prior to registration.

Prerequisites: PSYC 2001 and PSYC 2002 (or PSYC 2000) and PSYC 2600; or permission of the Department.

Lectures three hours a week.

PSYC 3700 [1.0 credit] (formerly 49.370)

Cognition (Honours Seminar)

Issues and research methodologies in the study of cognitive processes involved in perception, attention, language, reasoning, problem solving, decision making, human learning, and memory. The major theoretical issues and the empirical studies of human. Limited enrolment.

Prerequisites: PSYC 2001 and PSYC 2002 (or PSYC 2000), PSYC 2700 and permission of the Department. A CGPA of 8.00 or better in all graded Carleton Psychology courses is normally required. Intended for Honours students.

Lectures, seminars, and laboratory tutorials six hours a week.

PSYC 3702 [0.5 credit] (formerly 49.372*)

Perception

A consideration of data and theory concerning perceptual processes. Such topics as psychophysical methodology, perception of form and space and perceptual learning are discussed.

Prerequisites: PSYC 1001 and PSYC 1002, or PSYC 1000, and one of PSYC 2001 and PSYC 2002 (or PSYC 2000) or MATH 1007 and MATH 1107 (or equivalent).

Lectures three hours a week.

PSYC 3800 [1.0 credit] (formerly 49.380)

Introduction to Human-Oriented Technology (Honours Seminar)

The theoretical and practical basis of Human-Oriented Technology (HOT) will be covered from a psychological perspective. Topics may include input/output devices, user modeling, the software development life cycle, dialog design, help and documentation, social issues, and usability evaluation. Limited enrolment, intended for Honours students.

Prerequisite: PSYC 2800 (PSYC 2700 recommended) and permission of the Department.

Lecture, seminars and laboratory work, six hours a week.

PSYC 3901 [0.5 credit] (formerly 49.391*)

Practicum in Community Psychology

Through seven-hour-a-week field placements and regular class forums, students are provided with the opportunity to pursue personal learning objectives concerning the application of psychology within the community. Academic requirements are satisfied through a term paper, which integrates the experiential knowledge gained in the placement with theoretical and empirical knowledge gained from the literature review.

Note: Students registered in the Criminology and Criminal Justice concentration should enrol in PSYC 3903 and/or PSYC 3904.

Prerequisite: Open to third- and fourth-year Psychology students with permission of the Department.

PSYC 3902 [0.5 credit] (formerly 49.392*)

Practicum in Community Psychology

Through seven-hour-a-week field placements and regular class forums, students are provided with the opportunity to pursue personal learning objectives concerning the application of psychology within the community. Academic requirements are satisfied through a term paper, which integrates the experiential knowledge gained in the placement with theoretical and empirical knowledge gained from the literature review.

Prerequisite: open to third- and fourth-year Psychology students with permission of the Department.

PSYC 3903 [0.5 credit] (formerly 49.393*)

Co-operative Work Term Report 1

A comprehensive report is due on what was learned during the first work term.

Prerequisites: Registration in the Co-op Education Option of the Human-Oriented Technology program of the Psychology department and permission of the Department.

PSYC 4001 [0.5 credit] (formerly 49.401*)

Special Topics in Psychology

Each section of PSYC 4001 deals with a different topic. A list of this year's topics can be obtained from the Psychology Undergraduate office after March 1. Students may register in more than one section of PSYC 4001 but can register in each section only once.

Prerequisites: Each section will have its own prerequisites and permission of the Department is required.

Lectures three hours a week.

PSYC 4008 [0.5 credit] (formerly 49.408*)

Human Assessment

A critical appraisal of assessment techniques used for research, classification, and clinical/counseling purposes. Topics may include reliability, validity, and utility of tests, individual difference measurement in general psychology, ethical issues in testing, and alternatives to orthodox

assessment.

Precludes additional credit for PSYC 3800.

Prerequisites: PSYC 2001 and PSYC 2002 (or PSYC 2000) and at least one of PSYC 2100, PSYC 2500, PSYC 2600.

PSYC 4207 [0.5 credit] (formerly 49.427*)

Neuropsychology of Memory Disorders

Memory disorders that have a neuropsychological origin will be covered.

Prerequisite: PSYC 3207.

Lecture and seminar three hours a week.

PSYC 4300 [0.5 credit] (formerly 49.430*)

History and Theory of Psychology: Selected Topics

Among topics that may be covered: the history of a particular period, the history of a content area or issues related to theory in psychology.

Prerequisites: third-year standing, and PSYC 2300 or permission of the Department.

Lectures and seminars three hours a week.

PSYC 4703 [0.5 credit] (formerly 49.473*)

Cognition and Instruction

General theories of skill and knowledge acquisition as they relate to learning in specific subject matter areas, cognitive analyses of talks and performances that are instructionally relevant, and cognitive-theoretical analyses of instructional interventions.

Prerequisites: third-year standing, PSYC 2001 and PSYC 2002 (or PSYC 2000) and PSYC 2700, and permission of the Department.

Lectures three hours a week.

PSYC 4704 [0.5 credit] (formerly 49.474*)

Psychology and Language

The perception and production of language will be covered from a psychological perspective. Topics may include the biology of language, speech perception, word recognition, reading, text comprehension, and language development.

Prerequisite: PSYC 2700.

Lecture and seminar three hours a week.

PSYC 4800* [0.5 credit] (formerly 49.480*)

Psychological Aspects of Product Design Methodology

Important issues in designing successful computerized products, including design guidelines, usability testing and user-needs analysis. Experienced designers and researchers from industry participate.

Prerequisites: third-year standing and permission of the Department.

Lectures three hours a week.

PSYC 4805 [0.5 credit] (formerly 49.485*)

Social Aspects of Computer Use

The challenge of designing computer and communication systems for people working in teams in a range of complex organizational settings will be covered. Topics may include the design and evaluation of training programs, the assessment of attitudes towards computers, and distributed group decision making. Emphasis on the organizational and interpersonal changes resulting from the introduction of computers into work settings. Also offered at the graduate level, with additional or different requirements, as PSYC 5106, for which additional credit is precluded.

Prerequisite: PSYC 2800 and PSYC 3800 or permission of instructor. (PSYC 2100 recommended.)

Lecture and seminar three hours a week.

PSYC 4900 [0.5 credit] (formerly 49.490*)

Independent Study

A reading or research course for selected students who wish to investigate a particular topic of interest. Available to third- and fourth-year students only. Normally students may not offer more than one credit of independent study in their total program.

Prerequisite: permission of the Department.

PSYC 4902 [0.5 credit] (formerly 49.492*)

Independent Study

A reading or research course for selected students who wish to investigate a particular topic of interest. Available to third- and fourth-year students only. Normally students may not offer more than one credit of independent study in their total program.

Prerequisite: permission of the Department.

PSYC 4903 [0.5 credit] (formerly 49.493*)

Co-operative Work Term Report 2

A comprehensive report is due on what was learned during the second work term.

Prerequisites: Registration in the Co-op Education Option of the Human-Oriented Technology program of the Psychology department, successful completion of PSYC 3903, and permission of the Department.

PSYC 4904 [0.5 credit] (formerly 49.494*)

Co-operative Work Term Report 3

A comprehensive report is due on what was learned during the third work term.

Prerequisites: Registration in the Co-op Education Option of the Human-Oriented Technology program of the Psychology department, successful completion of PSYC 4903, and permission of the Department.

PSYC 4905 [1.0 credit] (formerly 49.495)

Essay for B.A. (Honours) in Psychology

During the fall term, exercises to develop skills necessary to write and read critically, including time management, literature searches, writing styles, and computer-assisted document preparation. During the winter term a substantial essay is prepared under the supervision and approval of the instructor.

Note: Re-registration for this course will not be permitted.

Precludes additional credit for PSYC 4907, PSYC 4908 and PSYC 4909.

Prerequisites: fourth-year standing in B.A. (Honours) in Psychology, PSYC 3000, 1.0 additional credit in Psychology above the 2000-level, and permission of the Department.

Lectures and discussion as scheduled by the instructor.

PSYC 4907 [1.0 credit] (formerly 49.497)

Thesis for B.Sc. with Honours in Psychology

Open to all candidates for the B.Sc. degree with Honours in Psychology. A thesis project is conducted under the direct supervision of a Faculty Adviser from the Department of Psychology.

Prerequisites: fourth-year Honours standing in Psychology; PSYC 3000 or STAT 2507 and STAT 2509 or MATH 2107 and STAT 2507*; one of PSYC 3200, PSYC 3500, PSYC 3700 or PSYC 3800; and permission of the Department.

Lectures as scheduled by the Instructor; other hours as arranged with the Faculty Adviser.

PSYC 4908 [1.0 credit] (formerly 49.498)

Thesis for B.A. with Honours in Psychology

Open to all candidates for the B.A. (Honours) in Psychology. A thesis project is conducted under the direct supervision of a Faculty Adviser from the Department of Psychology.

Precludes additional credit for PSYC 4905, PSYC 4907 and PSYC 4909.

Prerequisites: fourth-year Honours standing in Psychology, PSYC 3000 or STAT 2507 and STAT 2509 or Mathematics MATH 2107 and STAT 2507, one of PSYC 3100, PSYC 3200, PSYC 3400, PSYC 3500, PSYC 3600, PSYC 3700 or PSYC 3800; and permission of the Department.

Lectures as scheduled by the instructor; other hours as arranged with the Faculty Adviser.