

THE UNIVERSITY OF WESTERN ONTARIO
LONDON CANADA

Department of Psychology

GRADUATE COURSES 1978-79

Psychology 500a

LEARNING AND MOTIVATION

N. Innis

Historical survey of theories of learning and motivation and evaluation of their current status. Discussion of topics including classical and operant conditioning, stimulus control, memory processes, and constraints on learning.

Half course; one term

Psychology 501

ADVANCED SEMINAR IN LEARNING

W. Newby

This seminar, held on a weekly basis, chiefly for students in the learning area, will be attended on a regular basis by several faculty members. The object will be to review current research topics in learning at an advanced level. All students in learning are expected to attend and participate. Second and Third Year students may wish to take the course for credit.

Full course; two terms

Psychology 513b

PAIN

G. Rollman

Topics include the psychological, clinical, and physiological components of the pain experience, the major theories of pain mechanisms, congenital insensitivity to pain, psychophysical assessment of pain thresholds and placebo effects, and the treatment of pain by analgesic drugs, hypnosis, neurosurgery, acupuncture, electrical stimulation, and operant conditioning. Meetings will be arranged with medical personnel concerned with clinical diagnosis and control of acute and chronic pain.

Half course; one term

Psychology 521a

RESEARCH SEMINAR IN PHYSIOLOGICAL
PSYCHOLOGY

C. Vanderwolf

This course consists of research presentations by individual students and faculty in the P & C area. Everyone in the area will attend, and meetings will be held approximately every two weeks throughout the year.

Half course; one term

Psychology 521b

RESEARCH SEMINAR IN PHYSIOLOGICAL
PSYCHOLOGY

C. Vanderwolf

This course consists of research presentations by individual students and faculty in the P & C area. Everyone in the area will attend, and meetings will be held approximately every two weeks throughout the year.

Half course; one term

Psychology 525a

INTRODUCTION TO BRAIN AND BEHAVIOUR

C. Vanderwolf

A biological course relevant to applied areas of psychology. Topics include: brain structure (including dissection), brain research relevant to psychosurgery, brain electrical activity including EEG, electroconvulsive shock, neurochemistry in relation to psychological state, behavioural pharmacology of drugs used in psychiatric disorders, hormonal factors in abnormal behaviour. May serve as prerequisite to 526a or b.

Half course; one term

Psychology 526a or b

CLINICAL NEUROPSYCHOLOGY

D. Kimura

This course will concentrate on those aspects of nervous system phenomena which are pertinent to a neurological setting. Topics include: the neurological examination; the cerebrovascular system; epilepsy; movement disorders, testing for disorders of perception, memory, visuospatial ability and language. Video-tapes and detailed consideration of individual patients' test patterns will form an important part of the instructional content. Prerequisite: 525a or undergraduate physiological psychology.

Half course; one term

Psychology 528a

ADVANCED TOPICS IN PHYSIOLOGICAL
AND COMPARATIVE PSYCHOLOGY

Frances Wilkinson

Required of students in the P & C area.

Half course; one term

Psychology 528b

ADVANCED TOPICS IN PHYSIOLOGICAL
AND COMPARATIVE PSYCHOLOGY

C. Vanderwolf

Study of brain movement control systems. Topics include: a) role of cerebral cortex basal ganglia, brainstem and cerebellum in control of movement, b) sensory control of movement, and c) comparison of results obtained by ablation, electrical stimulation and electrical recording.

Half course; one term

Psychology 531 RESEARCH METHODS IN DEVELOPMENTAL PSYCHOLOGY M. Simmer

This course is only for incoming Developmental students.

Full course; two terms

Psychology 534a CONCEPT DEVELOPMENT C. Brainerd

The focus is on the acquisition of basic conceptual skills such as object permanence, egocentrism, conservation, transitivity, etc. by infants and children. The course is empirically oriented rather than theoretically oriented.

Half course; one term

Psychology 535b THEORIES OF DEVELOPMENT C. Brainerd

This course deals with modern approaches to the explanations of age-related changes in behaviour. Several theoretical traditions (functionalism, Piaget, social learning, formalism, etc.) are examined and their main explanatory constructs are discussed.

Half course; one term

Psychology 536a CONTEMPORARY APPROACHES TO EARLY CHILDHOOD EDUCATION M. Wright

A critical examination of various approaches or models in early childhood education. Students will be associated with the Laboratory Preschool and do practice teaching. Additional teaching practice will be required of those specializing in Early Childhood Education.

Half course; one term

Psychology 537b THEORY AND PRACTICE IN EARLY CHILDHOOD EDUCATION M. Wright

This is an "applied" course with the focus on teaching practice. The content will include a critical examination of the implications for practice of developmental theory and research. Students will be associated with the Laboratory Preschool and do practice teaching. Enrollment is restricted to students specializing in Early Childhood Education.

Half course; one term

Psychology 539b

SPECIAL TOPICS IN DEVELOPMENTAL
PSYCHOLOGY

M. Simner

The attachment process and its bearing on emotional disorders in young children. The first half of the semester will deal with selected factors underlying the emergence of parental attachment from infancy through early childhood. The second half will focus on the diagnosis, etiology, and treatment of selected childhood behaviour disorders related to the emergence of attachment.

NOTE: Students having taken Psychology 449b should not enroll in the course. Permission of instructor.

Half course; one term

Psychology 540 UW/A
UW/B

RESEARCH DESIGN

R. Gardner
I. Spence, W. Krane

This course provides a general coverage of statistical procedures. Primary attention is directed toward analysis of variance techniques though where time permits consideration is also given to multivariate methods such as multiple regression, factor analysis, etc. The use of the computer in data analysis is stressed, and Fortran programming skills are developed.

Full course; two terms

Psychology 544a

MINICOMPUTERS IN PSYCHOLOGICAL
RESEARCH

R. Harshman

Introduction to the use of the PDP-12 laboratory computer, particularly for on-line collection of data and control of experiments. Main emphasis will cover both machine language programming and the use of real-time Fortran IV to sample analog and digital inputs and generate analog outputs, control relays, and operate laboratory equipment, as well as perform preliminary analyses of the data collected. Students will write, debug, and run applications programs of their own during the course, preferably related to their own research interests. "Hands-on" experience will be stressed.

Psychology 556a

SEMINAR IN COGNITIVE PROCESSES

P. Denny

This is an introductory graduate-level course on cognitive processes intended primarily for graduate students with little or no undergraduate background in cognitive psychology. The course will deal with theory and research in relation to such topics as perception, memory, problem solving, representation of language and knowledge of the world, etc.

Half course; one term

Psychology 560a

ADVANCED SOCIAL PSYCHOLOGY

T. Higgins

The course presents a broad introduction to the literature, concepts, issues and methodological techniques in social psychology. Specific substantive areas include attitudes and beliefs, social communication, person perception, social influence processes, and motivation.

Half course; one term

Psychology 560b

RESEARCH METHODS IN SOCIAL PSYCHOLOGY

N. Vidmar

This course will be devoted to coverage of the major empirical designs and procedures in social psychology. It will examine quasi-experimental and correlational as well as experimental designs which have particular relevance to the problem of social psychological investigation. Observation, attitude measurement, field studies, and survey research are among the other topics to be covered. Discussion will be focused on contemporary substantive topics by which the utility and liabilities of various procedures and designs can be illustrated.

Half course; one term

Psychology 561a

GROUP DYNAMICS

R. Sorrentino

This seminar will be considering concepts and research findings related to groups and their properties. Among the topics to be considered, not necessarily in this order, are these: Social Interaction and Communication in Groups, the Basis of Group Influence, Group Cohesiveness, Group Norms and Conformity Processes, Group Structure and Leadership.

Half course; one term

Psychology 563b

ATTITUDE THEORY, MEASUREMENT AND CHANGE

J. Olson

This course will examine contemporary psychological research on social attitudes. Emphasis will be placed on attitude measurement techniques and recent developments in research on attitude change. Issues concerning attitude change processes that will be particularly stressed include: the question of how different types of persuasive sources have their influence; the role of cognitive processes in persuasion; and the relation between attitude change and behavior change. This course will be of relevance not only to those training in social psychology, but also to students in other areas who are interested in social influence processes (counselling, therapy, etc.).

Half course; one term

Psychology 571

PSYCHOLINGUISTICS

A. Paivio

The purpose of the seminar is to explore problems, research, and theory on the psychology of language. Topics include the structure of language as seen by linguists and psychologists; language acquisition; semantics; the effects of linguistic and psychological variables on the perception, comprehension, learning, retention, and production of language; language pathology; bilingualism; etc.

Full course; two terms

Psychology 581a

PERSONALITY THEORY AND RESEARCH

P. Rushton

A research oriented analysis of representative personality theories; a consideration of methods and findings in various areas of personality research, an analysis of the issues involved in the empirical investigation of personality.

Half course; one term

Psychology 585

RESEARCH SEMINAR IN PERSONALITY

P. Rushton, S. Pepper

An examination of contemporary research and methodology in personality. Participants will present and discuss research of their own and others.

Half course; two terms

Psychology 588b

TOPICS IN THE SCIENCE OF PERSONALITY

W. Fisher

This is a research seminar in personality. Participants will present, discuss, and critically evaluate contemporary theoretical issues and ongoing experimental and quantitative research in personality.

Half course; one term

Psychology 600a

FOUNDATIONS IN EDUCATIONAL/COUNSELLING

H. Murray, G. Stone

Survey of major areas of research in educational psychology and counselling. Required course for students in Educational/Counselling program. The following general topics will be covered: 1) teacher training and teacher effectiveness, 2) application of learning principles to classroom instruction, 3) counselling practice and 4) counselling research and counsellor training.

Half course; one term

Psychology 601

TEACHING AND LEARNING IN HIGHER
EDUCATION

H. Murray

Discussion of published research findings relevant to teaching and learning in higher education. Topics will include behavioural objectives, the PSI method, evaluation of student performance, small-group teaching, effective lecture techniques, and teacher evaluation. Although the course is intended to provide resource material which participants can apply to their own teaching, no attempt will be made to provide direct training or coaching in classroom teaching methods.

Half course; one term

Psychology 610a

LABORATORY IN ADULT BEHAVIOR
MODIFICATION

B. Jessup

Upon successful completion of this course the student will be able: a) to perform a functional analysis of behavior for adult clients, b) employ clinically with a client where and when appropriate any one of the following techniques; 1) systematic desensitization, 2) covert sensitization, 3) assertive training, 4) self control, 5) cognitive modification; c) employ these techniques alone or in any combination with two clients. A case report is submitted for each of the clients by the end of the course. d) In addition, the student will have a knowledge of the variants in the above techniques, the clinical problems for which they are appropriate, and research support for the efficacy of each.

Half course; one term

Psychology 611b

LABORATORY IN CHILD BEHAVIOUR
MODIFICATION

B. Bucher

Supervised experience in applied behaviour analysis with children.

Half course; one term

Psychology 612b

LABORATORY IN COMMUNITY PSYCHOLOGY

K. Mothersill

Supervised experience in a community setting.

Half course; one term

Psychology 613b

PROGRAM EVALUATION

C. Seligman

This course is designed to examine the methodology and procedures used in program evaluation research. Cost-effectiveness and evaluation research topics relevant to applied psychology will be covered.

Half course; one term

Psychology 615a

FOUNDATIONS IN CLINICAL PSYCHOLOGY

D. Evans

Introduction to substantive/methodological issues in clinical psychology. The course is designed to serve as a broad exposure to clinical psychology including such areas as psychopathology, behaviour modification, psychotherapy, and community psychology. Required of all M.A. students in clinical psychology.

Half course; one term

Psychology 624b

PSYCHOTHERAPY RESEARCH

N. Kuiper

A review of major theoretical and methodological issues in the field of psychotherapy research. Important examples of existing psychotherapy research will be critically examined. The problem of adequate experimental control and the development of suitable outcome criteria will receive special attention.

Half course; one term

Psychology 625a

BEHAVIOUR MODIFICATION

B. Bucher

Learning foundations of behaviour modification; with analysis of these modern therapeutic techniques and the associated conceptualizations of abnormal behaviour.

Half course; one term

Psychology 627a

PSYCHOPATHOLOGY I

D. Evans

Research and theory in understanding psychopathological states and their treatment.

Half course; one term

Psychology 628a

COMMUNITY PSYCHOLOGY

B. Jessup

Students who complete this course will be familiar with the historical antecedents to community psychology, the various theoretical approaches used, the fields of psychology which contribute to practice, the technology of practising community psychology, and the research and evaluation methodology which can be used. Emphasis will be on the methods of practising community psychology, and methods of evaluation.

Half course; one term

Psychology 630a

COUNSELLING THEORIES AND PRACTICE

G. Stone

The major theoretical approaches to counselling will be examined and discussed as they relate to each other, to the students' current approach to counselling, and to a cognitive-behavioural model of behaviour change. A cognitive-behavioural approach will be emphasized. Students will prepare critical evaluations of each approach. Models of each approach will be discussed.

Half course; one term

Psychology 631

INTERVIEWING TECHNIQUES IN COUNSELLING

P. Highlen

The course is designed to teach the basic interviewing skills necessary for effective counselling. Students will participate in seminars combined with actual counselling experience in a service setting. Individual cases will be presented in seminar and students will be closely supervised by the group of counselling faculty members responsible for the course. Ten to twelve hours per week of actual student time is required plus the completion of relevant readings on interviewing.

Full course; two terms

Psychology 633b

GROUP COUNSELLING

P. Highlen

An introduction to the theory and practice of basic group counselling and psychotherapy approaches. The course emphasizes the common elements of group process and therapy, although major models of group therapy will be covered. In addition, process consultation and planned change approaches to systems intervention will be highlighted.

Half course; one term

Psychology 634

ADVANCED PRACTICUM

A. Scheid

The course is designed to provide an advanced practicum. Students will participate in group seminars focussing upon models of counsellor training and supervision combined with actual counselling and supervision experience in an applied setting. Students will be closely supervised by the group of counselling faculty members responsible for the course.

Full course; two terms

Psychology 635b

INTRODUCTION TO APPLIED PSYCHOLOGY

P. Highlen, K. Mothersill

The course will serve as an orientation to professional issues and applied skills for all students in the Applied Psychology Program.

Half course; one term

Psychology 703a

READINGS/TUTORIALS
Psychology of Reading

S. Lupker

This course will explore the perceptual and cognitive bases of reading. Present day psychological reading models will be discussed and evaluated with respect to what is currently known about letter perception, automaticity and context effects such as semantic priming and the word superiority effect.

Half course; one term

Psychology 703b

READINGS/TUTORIALS
Cognitive Psychology and Hemispheric
Specialization

R. Harshman

This course will consider possible relationships between cognitive psychology and the study of cognitive specializations of the cerebral hemispheres in man, e.g., lateralization of imagery and the symbolic distance effect; individual differences in verbal and nonverbal abilities and their relation to individual (and sex) differences in lateralization; implications of hemispheric differences to cognitive theories. Advantages and limitations of various experimental procedures (e.g., dichotic and tachistoscopic testing) will also be considered, including questions of validity and reliability. Permission of instructor.

Half course; one term

ADDENDUM TO GRADUATE COURSE LIST
1978-1979

Psychology 580a

PERSONALITY ASSESSMENT

K. Carlson

This seminar will emphasize theoretical and research problems in the assessment of personality, intellect, vocational interests, and psychopathology. The topics to be considered will include personality scale construction, factor analysis, response styles, faking, and the assessment of invalidity, clinical judgments and inference, actuarial characterization of a person and computer-based interpretation, differential diagnosis and other recurrent themes. Tests reviewed will include the MMPI, the Personality Research Form, the Jackson Personality Inventory, the DPI, and the Jackson Vocational Interest Survey. Opportunities will be provided for individual projects.

Half course; one term

