

THE UNIVERSITY OF WESTERN ONTARIO  
LONDON CANADA

Department of Psychology

GRADUATE COURSES 1979-80

✓ Psychology 500a

LEARNING AND MOTIVATION

W. Roberts

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

t.b.a.

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 502b

CURRENT TOPICS IN OPERANT BEHAVIOR

S. Kendall

Research and theory in operant conditioning and related topics (e.g., sign tracking) will be discussed. Specific topics will be determined by student interest.

Half course; one term

✓ Psychology 517a

ASPECTS OF PERCEPTUAL DEVELOPMENT

B. Timney

This course will deal with the normal development of perceptual functioning in the human infant and will also examine the consequences of anomalous early experience upon perceptual abilities later in life. Topics to be covered will range from the development of simple sensory capacities, such as visual acuity, through the development of perceptual-motor coordination to a consideration of the developmental aspects of speech perception. Some emphasis will be placed on the comparative aspects of perceptual development in order to examine the usefulness of models based on animal studies and studies of perceptual rearrangement in human adults.

Half course; one term

✓ Psychology 520Y      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; two terms

✓ Psychology 525a      INTRODUCTION TO BRAIN AND BEHAVIOR      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, behavioral pharmacology of drugs used in psychiatric disorders. May serve as a prerequisite to 526b.

Half course; one term

✓ Psychology 526b      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 529a      ADVANCED TOPICS IN PHYSIOLOGICAL AND COMPARATIVE PSYCHOLOGY      C. Vanderwolf

Required of students in the P & C area.

Half course; one term

Psychology 529b      ADVANCED TOPICS IN PHYSIOLOGICAL AND COMPARATIVE PSYCHOLOGY      F. Wilkinson

Human Neuropsychology: Topics will include neural mechanisms of perceptual and motor behavior, memory and language. This course will not have a clinical orientation and clinical assessment methods will not be covered in detail.

Half course; one term

Psychology 531

RESEARCH METHODS IN DEVELOPMENTAL  
PSYCHOLOGY

M. Simner

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 behavior. 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 538a

PSYCHOLOGY OF AGEING, PART I

M. Schnore

A critical examination of findings, methods, and theories in the psychology of ageing. Topics to be covered shall include changes in: intelligence, learning, and memory.

Half course; one term

Psychology 538b

PSYCHOLOGY OF AGEING, PART II

M. Schnore

Topics to be covered shall include: personality, rigidity, cautiousness, and psychopathology.

Half course; one term

✓ Psychology 540

RESEARCH DESIGN

R. Gardner

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 552a

TOPICS IN COGNITIVE SCIENCE, I

A. Katz

This course is intended for graduate students with a solid background and interest in cognitive psychology. We will deal with selected theoretical issues and the ways these issues have been examined empirically. Theoretical emphasis will be on memory representation, memorial processes, and problem solving, with special attention given to chronometric techniques and the analysis of processing strategies.

Half course; one term

✓ Psychology 552b

TOPICS IN COGNITIVE SCIENCE, II

S. Lupker

This course is intended to be an extension of 552a, however, preliminary enrollment in 552a is not required. Many of the theoretical and empirical issues central to cognitive psychology, which were discussed in 552a, will be reexamined in the context of the current research interest in the reading process. In particular, issues like automaticity, the nature of the perceptual unit and processing strategies in pronunciation and comprehension of text will be featured.

Half course; one term

✓ Psychology 556a

SEMINAR IN COGNITIVE PROCESSES

Cognition Faculty

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 569a

SOCIAL PSYCHOLOGY THEORY

T. Higgins

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

Half course; one term

✓ Psychology 569b

RESEARCH IN CURRENT PERSONALITY  
THEORY

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 580a

PERSONALITY ASSESSMENT

D. Jackson

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

✓ Psychology 583b

TEST CONSTRUCTION

D. Jackson

An introduction to the development and evaluation of measures for psychological research and assessment. Consideration will be given to theoretical aspects of linking theory to measurement, as well as to techniques in the development of psychological measures. Individual projects, including those related to thesis research, will be encouraged.

Half course; one term

✓ Psychology 584b

SOCIAL COGNITION

T. Higgins

The purpose of this course is to examine the cognitive processes and cognitive structures underlying social judgment and person memory. Content areas will include social expectations, salience and selective attention, social categorization or labelling, social inferences, the role of the "self" in person perception, personality and person memory, motivation and social cognition, and developmental social cognition. Current research (e.g., Social Cognition: The Ontario Symposium) as well as classical historical precursors (e.g., the "New Look") will be reviewed and critically examined.

Half course; ~~two~~ **ONE** terms

✓ Psychology 586b

THESIS AND RESEARCH METHODS IN  
SOCIAL AND PERSONALITY PSYCHOLOGY

R. Sorrentino

This course will be devoted to coverage of the major empirical designs and procedures in social and personality psychology. It will examine quasi-experimental and correlational as well as experimental designs which have particular relevance to the problem of social psychological and personality investigation. Observation, attitude measurement, personality assessment, 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. A major portion of the course will be devoted to development of student research suitable for the M.A. thesis or an original study.

Half course; one term

Psychology 590

M.A. THESIS

Staff

Psychology 600a

FOUNDATIONS IN EDUCATIONAL/COUNSELLING

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 602a

TEACHER EFFECTIVENESS AND TEACHER  
TRAINING

M. Sitko

An examination of empirical research on the relationship of classroom teaching behaviors to student achievement and the application of this research to the training of future teachers.

Half course; one term

Psychology 610

LABORATORY IN ADULT BEHAVIOR  
MODIFICATION

S. Goldband

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.

Full course; two terms

Psychology 611b

LABORATORY IN CHILD BEHAVIOR  
MODIFICATION

B. Bucher

Supervised experience in applied behavior analysis with children.

Half course; one term

Psychology 612b

LABORATORY IN COMMUNITY PSYCHOLOGY

M. Keller

The students will participate in group seminars that focus on their experience in a community setting.

Half course; one term

Psychology 613a

PROGRAM EVALUATION

C. Seligman

The purpose of this course is to introduce the student to the basic concepts, methods, and problems in program evaluation. Among the topics covered are: Management and conduct of evaluations, quasi-experimental designs, utilization and policy implications of program evaluation results, etc.

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, behavior modification, psychotherapy, and community psychology. Required of all M.A. students in clinical psychology. Students in other areas are welcome.

Half course; one term

✓ Psychology 618b                      BEHAVIORAL MEDICINE                      P. Stenn

Principles of behavioral science applied to problems of health, illness, and rehabilitation will be examined. Psychological theory, research, and treatment pertinent to health will be emphasized.

Half course; one term

✓ Psychology 620b                      PSYCHOPATHOLOGY II                      ~~D. Evans~~  
R. Newfeld

This course will extend the topics covered in Psychopathology I into the domain of Behavioral Medicine. Biopsychological models applicable to various areas of medicine will be considered.

Half course; one term

✓ Psychology 622a                      MENTAL RETARDATION                      H. Lobb

Discussion of psychological concepts and research findings in the field of mental retardation, including definition, etiology, treatment and prevention.

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 attention.

Half course; one term



Psychology 625a

BEHAVIOR MODIFICATION

B. Bucher

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

Half course; one term

Psychology 627a

PSYCHOPATHOLOGY I

R. Neufeld

Research and theory in understanding psychopathological states and their treatment.

Half course; one term

Psychology 628a

COMMUNITY PSYCHOLOGY

D. Evans

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 RESEARCH

M. Hearn  
~~S. Stone~~

The major theoretical approaches to counselling will be critically examined and discussed as they relate to each other, to the students' current approach to counselling, and to a cognitive-behavioral model of behavior change. Representative research will be critically examined.

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 632a                      THEORIES OF CAREER DEVELOPMENT                      A. Scheid

A critical survey of major psychological theories of career development and work adjustment with special emphasis on conceptual framework, empirical support and implications for counselling; consideration of socio-demographic factors in career development; identification of psychological variables operant in work behaviors and in adjustment to retirement; history of vocational psychology as a specialty area. Seminar format.

Half course; one term

✓ 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                      R. Harris

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

Full course; two terms

✓ Psychology 635b                      INTRODUCTION TO APPLIED PSYCHOLOGY                      M. Keller / Highlen

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 690                      PH.D. THESIS                      Staff

Psychology 703-709                      READINGS/TUTORIALS                      Staff

Psychology 710a

APPLICATIONS OF PSYCHOLOGY TO LAW

N. Vidmar

This seminar will explore a number of areas where psychology and legal problems intersect. Initially, emphasis will be placed on understanding legal issues, legal reasoning, and legal procedure. After students have developed a core knowledge of the operation of, and decision-making in, Canadian law, each student will be responsible for examining a specific legal problem or issue where psychological research procedures and/or existing psychological knowledge may be usefully applied. Some of these topics might include: witness reliability (in adults or children), problems associated with juries, the use of survey or experimental evidence to aid judicial decision-making, criminal deterrence, evaluation of legal reforms, legal responsibilities of the psychological, or any number of traditional forensic psychology topics such as competence, the insanity defense, or dangerousness. Some courtroom observations of both civil and criminal legal proceedings will also be required.

Half course; one term

Psychology 830a

ADVANCED DEVELOPMENTAL PSYCHOLOGY

M. Pressley

Survey of problems and research in selected areas of Developmental Psychology.

Half course; one term