

5310. Proseminar in Political Theory. 3 hours. Explores the variety of concepts, research, analytical methods and literature drawn from leading scholars in various areas of the field.

5340. Seminar in Political Science Scope and Methods. 3 hours. Concepts, trends and research design in political science.

5350. Topics in Political Theory. 3 hours. Study of selected theorists or themes in political philosophy. Seminar may include works of ancient, medieval or modern theorists, focusing on issues of power and justice, human nature and politics, and the nature of the best political system. Themes might include liberalism and conservatism, ethics and international politics, or American political thought. May be repeated for credit as topics vary.

5420. Proseminar in Public Administration. 3 hours. Concepts, research, analytical methods and literature drawn from leading scholars in various areas of the field.

5610. Proseminar in Comparative Government. 3 hours. Concepts, research, analytical methods and literature drawn from leading scholars in various areas of the field.

5650. Seminar in Area Studies. 3 hours. The institutions and processes of the major regional areas of the world: Africa, Asia, Europe, the former Soviet Union, Western Europe, Latin America and the Commonwealth. May be repeated for credit as topics vary.

5810. Proseminar in International Relations. 3 hours. Concepts, research, analytical methods and literature drawn from leading scholars in various areas of the field.

5820. Seminar in International Relations. 3 hours. Selected problems and concepts related to the theory and practice of international politics, international law, and organization and foreign policy. May be repeated for credit as topics vary.

5900-5910. Special Problems. 1–3 hours each. Conference courses open to advanced students capable of doing independent research under the direction of the instructor. Prerequisite(s): consent of department chair.

5950. Master's Thesis. 3 or 6 hours. To be scheduled only with consent of department. 6 hours credit required. No credit assigned until thesis has been completed and filed with the graduate dean. Continuous enrollment required once work on thesis has begun. May be repeated for credit.

6000. Research Seminar. 3 hours. Specialized study and research in the field of political science. May be repeated for credit.

6100. Political Science Teaching and Research. 3 hours. Classroom methods for political science instruction, as well as basic research and job-hunting skills. Pass/no pass. May be repeated for credit as topics vary. Hours may not count toward graduate degree plans.

6320. Quantitative Political Research Methods. 3 hours. Empirical research design and contemporary statistical applications in political science, including an introduction to the use of computers. An undergraduate introductory statistics course would be useful prior to registering for this course.

6340. Time Series Methods for Political Data. 3 hours. Focuses on methods for analyzing dynamic relationships among political variables. Topics include pooled cross-sectional time series designs, ARCH, ECM, State-Space, VAR and Box-Jenkins-Tiao intervention-transfer function models. Emphasis is placed on the application of these methodologies using mainframe and microcomputer

programs such as BMDP, MICROCRUNCH, RATS and SPSS PC + TRENDS. Prerequisite(s): PSCI 6320 or consent of instructor.

6900-6910. Special Problems. 1–3 hours each. Conference courses for doctoral students. Directed reading and research in fields of special interest. Prerequisite(s): consent of department.

6930. Individual Research. 1–12 hours. Independent doctoral research prior to comprehensive examinations. May be repeated for credit. Pass/no pass only. Prerequisite(s): approval of graduate adviser.

6940. Practicum. 3–6 hours. Pre-dissertation independent research, under faculty supervision. May be repeated for credit up to 6 hours. Partially fulfills the tool requirement. Prerequisite(s): must be near completion of course work.

6950. Doctoral Dissertation. 3, 6 or 9 hours. To be scheduled only with consent of department. 12 hours credit required. No credit assigned until dissertation has been completed and filed with the graduate dean. Doctoral students must maintain continuous enrollment in this course subsequent to passing qualifying examination for admission to candidacy. May be repeated for credit.

Portuguese

see *Undergraduate Catalog*

Psychology

Psychology, PSYC

5010. Human Development. 3 hours. An integrated rather than specialized view of the biophysical, sociocultural, psychoemotional and intellectual development of human beings in Western culture. Development is viewed as a product of the interaction of genetic endowment with the environment.

5021. Interviewing I. 3 hours. Interviewing theory and strategies for psychotherapeutic purposes. Prerequisite(s): open only to graduate students in psychology.

5022. Interviewing II. 3 hours. Application of different interview theories to counseling and psychotherapy in mental health settings. Prerequisite(s): open only to graduate students in psychology.

5040. Cultural Aspects of Health. 3 hours. Conceptual frameworks to understand factors influencing patterns of health (psychological, biological and social) across cultures and subcultures. Behavioral medicine perspective of health and disease; illustration of their unique and common elements in sociopolitical and environmental contexts.

5050. Seminar in Psychology: Current Issues. 1–4 hours. Issues and topics of current interest to students in the various graduate programs but not covered by course offerings. May be repeated for credit.

5060. History and Systems. 3 hours. Philosophical and physiological roots of psychology; traditional historical systems, including structuralism, functionalism, behaviorism, Gestalt and psychoanalysis; relevance to major contemporary systems.

5070. Medical and Behavioral Disorders. 4 hours. (3;4)

Applies knowledge from diverse disciplines to understand basic physiological functions, their psychological basis and ecological factors comprising the matrix of person-environment interaction. A concept of health integrates mind, body, environment and resulting pathological states when this balance is disrupted. Students learn to interact with medical providers. Prerequisite(s): consent of department.

5090. Social Psychology. 3 hours. A survey of the constructs, methodologies and theories of social psychology including social perception, attitudes, aggression, prejudice, prosocial behavior, conformity, leadership, groups and communication. Prerequisite(s): enrollment in a graduate program in psychology or consent of department.

5100. Psychopathology of Childhood. 3 hours. Normal and psychopathological development in children, focusing on intellectual, emotional and behavioral deviations and their recognition, as well as background in their etiology, dynamics and prognosis. Prerequisite(s): PSYC 5010 or its equivalent, or consent of department.

5121. Sport and Exercise Psychology. 3 hours. An in-depth study of analysis techniques necessary for scientific investigations in exercise and sport. Emphasis is placed on computer applications, advanced data analysis, techniques and interpretation of resulting analyses. (Same as KINE 5121.)

5131. Exercise and Health Psychology. 3 hours. Introduces students to health, leisure and exercise behavior change strategies, and provides knowledge and skills necessary to improve the initiation and adherence of lifetime health and physical activity behaviors among individuals and groups. Offers a comprehensive inquiry into individual behaviors and lifestyles that affect physical and mental health from health promotion, exercise science and psychological perspectives. Topics include enhancement of health, identification of health risk factors, prevention and treatment of disease, improvement of the health care system and shaping of public opinion with regard to health and physical activity. Prerequisite(s): a course in sport psychology or consent of department. (Same as HLTH 5131 or KINE 5131.)

5171. Social Psychology of Sport. 3 hours. The effects of social psychological variables on motor behavior. Topics include social facilitation, social reinforcement, organized youth sports, socialization, group dynamics and leadership. (Same as KINE 5171.)

5181. Applied Sport Psychology. 3 hours. Psychological techniques and strategies for enhancing athletic performance, including imagery, arousal regulation, attentional control, goal setting and self-talk. Practical issues, ethical considerations and coaching athlete-organization interface are addressed. Prerequisite(s): PSYC 5121. (Same as KINE 5181.)

5200. Psychology of Women and Gender. 3 hours. Theories and research on women and gender; psychological, situational, cultural, environmental and biological influences; the influence of gender biases on research methods and interpretation of results; application of theory and research to problems affecting women. Prerequisite(s): minimum of 6 hours of undergraduate psychology.

5230. Personnel Psychology. 3 hours. Problems of personnel selection, job analysis, training, discrimination and appropriate statistical strategies. Prerequisite(s): knowledge of correlational statistics.

5240. Psychological Assessment of Individuals in Organizations. 4 hours. (3;3)

This course provides supervised experience in the application of individual psychological assessment techniques to personnel selection problems in business and industry. Assessment of individuals' skills, abilities and occupationally relevant personality structure, using objective, projective and behavioral measures as well as assessment centers and biographical data procedures. Feedback techniques and ethical issues also are reviewed. Prerequisite(s): enrollment in a graduate program in psychology, PSYC 5420 or equivalent, and concurrent or prior enrollment in PSYC 5230.

5300. Psychosocial Issues in HIV/AIDS. 3 hours. Examines the psychosocial factors that are related to health-related behaviors in both healthy people and people living with HIV/AIDS. Prepares students who expect to pursue careers in health service fields (e.g., psychologists, physicians, biologists, dentists, etc.) to be conscious of issues that HIV positive people face daily. Students interested in HIV/AIDS as a social phenomenon are encouraged to enroll. (Same as PSYC 4300.)

5340. Life-Span Developmental Psychology. 3 hours. An examination of developmental behavioral change across the human life span. Special concern is given to the conceptual and empirical bases for such change, with an emphasis on measurement and antecedents. More specific treatments of content areas (e.g., learning, memory, intelligence, personality, stress and coping, mental illness, and death and dying) constitute an integral part of the course.

5350. Counseling for Sexual Dysfunction and Other Psychosexual Disorders. 3 hours. A study of the origins and treatment of sexual dysfunctions and other psychosexual disorders. The study includes physical and psychological considerations in etiology, diagnosis and treatment.

5420. Assessment I. 4 hours. (3;3) Introduction to and an overview of psychological assessment models, techniques and data collection systems for individuals, groups and organizations with a focus on the assessment of individuals. Emphasis will be on interviews, behavioral observation and tests of intelligence (Wechsler Scales, Stanford-Binet, Illinois Test of Psycho-linguistic Abilities and group intelligence tests); including administration, scoring, interpretation and report writing. Prerequisite(s): admission to a graduate degree program in psychology. Students who have had a similar course without laboratory credit will be required to enroll in a special problems laboratory. Offered fall term/semester only.

5430. Assessment II. 4 hours. (3;3) Focuses on methods of assessing an individual's achievement, aptitude, interests and personality. Considers objective and projective techniques as well as individual and group approaches. Includes interviewing, administration, scoring, interpretation and report writing. Prerequisite(s): PSYC 5420. Students who have had a similar course without laboratory credit are required to enroll in a special problems laboratory. Offered spring term/semester only.

5440. Employee Counseling. 3 hours. A practical and theoretical course dealing with the implementation and operation of employee counseling and employee assistance programs in organizations. Combines counseling and organizational psychology with some emphasis on job stress.

5470. Vocational Psychology: Developmental Aspects. 3 hours. Explores theories of career development and work adjustment, history of vocational psychology, and contemporary issues.

5540. Groups in Work Settings. 3 hours. A practical and theoretical course dealing with all forms of work groups. Theories from organizational and social psychology provide a context for skill building related to work team training and development and basic research.

5580. Introduction to Marriage and Family Therapy. 3 hours. Survey of methods and techniques used in the treatment of marital and family problems, and a professional orientation with particular emphasis on legal and ethical implications in the practice of marriage and family counseling. Prerequisite(s): PSYC 5590 or equivalent, or consent of department.

5590. Psychological Aspects of Marital and Family Interaction. 3 hours. Examination of pathological and healthy marital and family systems and subsystems, including marital stress points, parent-child interaction, family development and the implications of these considerations for marriage counseling and parent training.

5640. Cognitive and Affective Bases of Behavior. 3 hours. Theories of research on social, psychological and biological dimensions of learning, cognition, affect, memory and motivation (e.g., culture, self-concept, perception, cognition, emotion, genotype and maturation). Prerequisite(s): PSYC 4690 or 4800 or equivalent, or consent of department.

5680. Counseling Psychology Methods. 3 hours. Introduction to counseling psychology and counseling methods.

5690. Legal and Ethical Issues in Professional Practice. 3 hours. An intensive overview of legal procedures, state regulation and ethical guides relevant to professional practice. Prerequisite(s): consent of department.

5700. Quantitative Methods I. 4 hours. (3;1) Graduate-level introduction to statistical methods of data analysis including introduction to robust methods, effect size estimation, correlational methods (e.g., regression), ANOVA. Assumes knowledge from undergraduate course. In lab, students learn to use computer programs for quantitative data exploration and analysis. Prerequisite(s): an introductory course in statistics.

5710. Quantitative Methods II. 4 hours. (3;1) Builds on statistical methods of analysis begun in 5700 with more advanced techniques (e.g., repeated measures, ANOVA, contrasts, mixed design and logistic regression, outliers, factorial design.) In lab, students learn to use computer programs for quantitative data analysis. Prerequisite(s): PSYC 5700 or equivalent.

5740. Consulting Psychology in Organizations. 4 hours. (3;5) Principles of psychological consultation in organizations. Reviews relevant psychological literature in organizational consulting and also provides supervised field experience in applying these principles to real-world problems. Prerequisite(s): consent of instructor and completion of PSYC 5750.

5750. Organizational Psychology. 3 hours. A psychological approach to organizations, including theories of the nature of the worker, group processes and training, communication, attitudes, motivation and models of leadership.

5780. Psychopathology. 3 hours. A critical analysis of the classificatory systems, etiology and treatment of psychopathological behavior, with a view toward a sophisticated appreciation of the contemporary status and prospectus of this subject domain. Prerequisite(s): PSYC 4610 and 5010 or equivalents, or consent of department.

5790. Physiological Psychology. 3 hours. Fundamentals of physiological psychology, including basic neurophysiological laboratory techniques and a survey of current research with an in-depth study in one research area by each student. Prerequisite(s): PSYC 4640 or its equivalent, or consent of department.

5820. Assessment Practicum. 1–3 hours. Administer, synthesize, evaluate and communicate the results of psychological tests under supervision in various assessment settings approved by faculty. Prerequisite(s): grade of B or better in PSYC 5420 and 5430 (or consent of department); cumulative B average; no deficiencies; approved degree plan. Open only to graduate students in psychology. May be repeated for credit.

5831-5832. Psychological Methods Practicum. 1–3 hours each. Supervised practicum in a mental health services delivery agency. Experiences vary with mission and population served by the agency. Prerequisite(s): B or better in at least 6 hours of PSYC 5820 and/or recommendation of program committee. Open only to graduate students in psychology. May be repeated for credit.

5840. Psychometric Theory. 3 hours. Systematic treatment of the logic of measurement, including such topics as scaling models, validity, variance and covariance, reliability, theories of measurement error and test construction. Prerequisite(s): PSYC 5700.

5850. Sport and Exercise Psychology Practicum. 1–3 hours. Supervised active participation in sport and exercise psychology activities within a sport or health-related agency/organization. Prerequisite(s): consent of department.

5860. Seminar on the Psychology of Aging. 3 hours. Theoretical and research literature concerned with the psychological aspects of aging. Age-related changes in sensation, perception, learning, cognition and personality are considered from both a conceptual and methodological perspective as they bear on adjustment to late adulthood. Prerequisite(s): PSYC 5010 or advanced study in developmental psychology. May be repeated for credit as topics vary. (Same as AGER 5860.)

5880. Psychological Appraisal. 3 hours. (3;3) Group tests and scales used in the measurement of educational achievement, aptitude, intelligence, interest and personality; administering, scoring and interpreting tests in these areas.

5890. Psychological Counseling for Late Maturity and Old Age. 3 hours. Study of the predictable and normal dependencies of aging; techniques of individual, family and group counseling applied to later life, with emphasis on problems of retirement, health and bereavement. (Same as AGER 5890.)

5900-5910. Special Problems. 1–4 hours each. Open to graduate students who are capable of developing a problem independently. Problems chosen by the student and approved in advance by the instructor. Open only to resident students.

5950. Master's Thesis. 3 or 6 hours. To be scheduled only with consent of department. 6 hours credit required. No credit assigned until thesis has been completed and filed with the graduate dean. Continuous enrollment required once work on thesis has begun. May be repeated for credit.

6000. Introduction to Psychotherapy. 3 hours. Major models of therapy that emphasize an emotional or cognitive approach to corrective experience. Emphasis on analytic and humanistic theories and techniques, as well as the empirical evidence underlying them. Prerequisite(s): consent of department.

6020. Child Psychotherapy. 3 hours. Theories, techniques and methods of psychotherapy with children. Emphasis on working with a child within the context of the family system. Prerequisite(s): open only to doctoral students in clinical and counseling psychology.

6021. Advanced Interviewing I. 3 hours. Preparation for applied work in counseling psychology. Interviewing process, interviewing skills important for counseling and psychotherapy, and professional issues. Prerequisite(s): open only to graduate students in psychology.

6022. Advanced Interviewing II. 3 hours. Preparation for applied work in counseling psychology, emphasizing specific theoretical orientations to interviewing in counseling and psychotherapy. Prerequisite(s): open only to graduate students in psychology.

6060. Group Psychotherapy. 3 hours. An overview of the use of group psychotherapy. The course involves experience as the leader of a therapeutic or “quasi-therapeutic” group. Prerequisite(s): PSYC 6000; for doctoral candidates in clinical and counseling psychology.

6100. Psychopharmacology. 3 hours. Review of basic principles of pharmacology, major classes of psychoactive drugs, drug side effects, drug interactions and risk-benefit considerations in the use of prescription medications. Practical and ethical issues for the health professional are addressed. Prerequisite(s): consent of instructor.

6110. Issues in Behavioral Medicine Consultation. 3 hours. Issues facing health psychologists in behavioral medicine settings. Malpractice risks related to health services (e.g., managed health care; privacy, consent, hospital record access; quality and review related to issues; interdisciplinary relationships, hospital privileges, multiple codes of ethics/legal constraints and hierarchical responsibility for medical regimes; medical liaison consultation with under-served populations). Prerequisite(s): consent of department.

6120. Advanced Psychotherapy Techniques. 3 hours. (2;1) Demonstrations and experiential exercises intended to help the student develop proficiency in a wide range of intervention techniques, including Socratic dialogue, imagery, free recall, role playing, therapeutic writing, relaxation training, dream work and self-awareness exercises. Prerequisite(s): consent of instructor.

6130. Assessment and Treatment of Substance Abuse. 3 hours. History of alcohol and drug use across cultures and the emergence of distinctions, sanctions and prohibitions. The major categories of psychotropic substances are reviewed, along with their chemical and behavioral effects. Characteristics of users and abusers are discussed. Various treatment approaches and their effectiveness are evaluated. Prerequisite(s): consent of instructor.

6150. Marriage and Family Therapy I. 3 hours. (3;1) Examines health and dysfunction in the couple and family systems. Major theories of marital and family therapy is reviewed and several are examined and applied in depth. Emphasis is placed on psychological assessment of the family as a behavioral system, including administration,

scoring and interpretation and report writing. Prerequisite(s): PSYC 5420 or the equivalent, or consent of department.

6160. Marriage and Family Therapy II. 3 hours. (3;1) Combines didactic instruction with applied intervention and supervision. Focuses on the application of principles of psychological counseling to facilitate constructive changes in the couple and family systems. Students conduct couple/family assessments and therapy, and receive ongoing weekly supervision. Prerequisite(s); PSYC 6150 or the equivalent, or consent of department.

6200. Advanced Topics Seminar in Psychology. 1–3 hours. Issues and topics of current interest and importance in psychology not covered by current course offerings. Prerequisite(s): consent of department. May be repeated for credit.

6240. Assessment Center Methodology. 3 hours. Introduction to the assessment center method. Students learn how to plan, coordinate, and conduct both developmental and selection oriented assessment centers. Topics areas include basic requirements of assessment centers, dimensions and competencies to be assessed, types of assessment exercises, feedback and evaluation. Prerequisite(s): PSYC 5740.

6300. Theory and Application of Multicultural Counseling. 3 hours. Focuses on increasing understanding and appreciation of human diversity. Survey of different world views, cultural values and treatment strategies for addressing needs of individuals from unique racial/ethnic backgrounds, religious affiliations and sexual orientations. Prerequisite(s): consent of instructor.

6340. Organizational Climate and Culture. 3 hours. Examination of current theory and research in the fields of organizational climate and organizational culture as they pertain to employees experiencing the organizational environment. Topics discussed include the similarities and differences between the climate and culture perspectives, influence of employee perceptions on individual and organizational behavior, societal impact on organizational climate and culture, and methods used to assess and to change climate and culture. Prerequisite(s): PSYC 5750 or equivalent, or consent of department.

6350. Pediatric Psychology. 3 hours. Medical and psychological issues related to childhood illnesses with intervention strategies, sample protocols and case examples of disorders in pediatric psychology settings. Advances, research and strategies for early childhood diseases, chronic conditions, suicide, consultation/liaison services, assessing and developing interventions; treatment adherence and compliance; educating and supporting the patient, family and staff.

6400. Research Methodology Applications. 3 hours. Introduction to research methodology in psychology. Includes measurement theory, latent construct theory, experimental and quasi-experimental design, overview of data analytic strategies and power analysis. Focus on individual student projects. Prerequisite(s): consent of department.

6410. Psychopathology and Treatment of Adolescents and Young Adults. 3 hours. Intensive program, designed primarily for advanced students in clinical or counseling psychology, concerning the nature and causes of psychopathology in adolescents and young adults, as well as current theories and treatments. Prerequisite(s): consent of department.

6420. Neuropsychological Assessment. 4 hours. (3;1)

Assessment of brain-behavior relationships frequently encountered in clinical settings, with particular emphasis on the Halstead-Reitan test battery for adults and the Reitan-Indiana test battery for children. Prerequisite(s): PSYC 5420 or equivalent, and consent of department.

6450. Psychodiagnostic Assessment. 4 hours. (3;3) Advanced assessment course emphasizing theory and applied training with structured and semi-structured interview methods for diagnosis (SADS and SCID), as well as the more focused evaluations of psychopathology. Prerequisite(s): PSYC 5430.

6460. Diagnostic and Structured Interviewing 4 hours. (3;3) Emphasis will be on theory and applied training with structured and semi-structured interview methods for diagnosis (SADS and SCID), as well as the more focused evaluations of psychopathology. Prerequisite(s): PSYC 5430.

6480. Ethics in Clinical Psychology. 3 hours. Intensive seminar of professional ethics and legal issues confronting clinical psychology. In addition to a theoretical grounding, students are asked to grapple with ethical quandaries via training experiences that include analysis of clinical and legal cases; role playing of ethical and professional-practice dilemmas; and participation in a mock oral examination of ethical and legal issues. Prerequisite(s): a PhD student in psychology and consent of instructor.

6520. Forensic Psychology: Theory and Practice. 3 hours. Combined theoretical and applied emphasis provides specialization in forensic psychology. Seminar includes criminal (e.g., insanity and sentencing) and civil (e.g., malpractice and personal injury) topics. Prerequisite(s): PSYC 5430 or 5880, or consent of department.

6570. Developmental Health Psychology. 3 hours. Health and illness are explored from a developmental perspective. Psychological symptoms are discussed from a cause/effect perspective along with contributions of psychosocial variables. Medical and behavioral interventions are discussed.

6610. Independent Research. 4 hours. Initiation and conduct of advanced research projects and the dissemination of the results. The purposes are to engender appreciation for scholarship and engage students in research projects with a high probability of journal publication. Prerequisite(s): doctoral standing in psychology. May be repeated for credit.

6640. Theoretical Basis of Counseling Practice. 3 hours. Advanced examination of underlying theory of counseling practice, including review of cultural, analytic and brief therapy influences on treatment applications. Prerequisite(s): consent of department.

6650. Psychoneuroimmunology. 3 hours. Combines information from psychology, endocrinology, immunology and physiology, and the way these relate to disease and/or health. Emphasis is placed on human psychological stress, distress, and immunity and related neuroendocrine pathways. Prerequisite(s): PSYC 5790 or equivalent.

6670. Personality. 3 hours. Analysis and applications of the major personality theories, bodies of research, and current issues to understand personality, including the integration of limited domain theories to develop a model of the whole person.

6700. Psychodynamics. 3 hours. The development of intrapsychic processes and patterns of behavior as a part of adjustment to the stresses of life. Emphasis on defensive mechanisms and learned modes of coping with day-to-

day problems. Both conscious and unconscious forces in motivation will be considered. Prerequisite(s): consent of department.

6710. Behavioral Toxicology. 3 hours. An examination of a range of environmental determinants that may be toxic to the human condition. Considers the implications of chemical exposure, overcrowding, nutrition, radiation and various pollutants to neuropsychological, behavioral, cognitive-emotional, other psychopathological processes and health risks.

6730. Strategic Applications of Industrial/Organizational Psychology. 3 hours. This is the capstone course for the doctoral program in industrial/organizational (I/O) psychology. The course utilizes all of the work done by a student in the program up to this point to prepare a plan of study for comprehensive exams and add new material that focuses on working strategically with organizations in introducing change. In addition, there is development of a career vision to guide selection of internship and dissertation emphases. Prerequisite(s): this is the final course in the I/O psychology doctoral program, so all other required I/O courses in the degree program must be complete or taken concurrently.

6740. Organization Transformation. 3 hours. This course focuses on advanced consulting issues. It is a required course for advanced doctoral students in industrial/organizational psychology. The course deals with the challenges of planning, initiating, and guiding change in large work systems. Theoretical frameworks, value and assumptions, and practical issues of change are addressed. Prerequisite(s): this course is limited to advanced students in the I/O doctoral program. Students should have completed PSYC 5740 and two practicum courses.

6760. Psychotherapy Methods and Behavioral Medicine. 4 hours. (3;2) Systematically reviews theories of psychotherapy and related research. Special attention is given to the mind/body relationship and the role of biopsychosocial factors when developing treatment strategies for individuals confronting psychological and medical problems. Laboratory work includes supervised practice in the design and implementation of behavior change paradigms. Prerequisite(s): consent of department.

6810. Multivariate Procedures in Psychology. 3 hours. Multiple regression and factor analysis as applied to psychological research, theory and practical applications using statistical software. Background in statistics and statistical software desirable.

6820-6830. Practicum. 1–3 hours each. Readings, lectures and discussion to develop an appropriate level of knowledge (e.g., relationship of psychological science and practice, ethics, APA). Teaches technical skills necessary for a scientist-practitioner in the student's specialty. (e.g., empirically-based and evidence-based evaluation and intervention, assessment and consultation). Prerequisite(s): open only to students admitted to a graduate program in psychology. May be repeated for credit.

6840-6850. Predoctoral Internship. 1–3 hours each. Required year-long, full-time field placement for all doctoral students in APA accredited programs. Internship is consistent with objectives of student's program and current professional practices in a variety of agencies, hospitals, medical schools or other internship sites. Prerequisite(s): completion of all courses (except 6950) and passage of the specialty exam. Open only to PhD candidates. Pass/no pass only.

6860. Industrial-Organizational Psychology Internship. 3 hours. A supervised field experience, minimum of 20 hours per week for 24 months or 35 hours per week for 12 months. Required of all doctoral students in industrial-organizational psychology. The internship is consistent with the objectives of the student's program and current professional practices in industrial-organizational psychology. Prerequisite(s): satisfactory progress toward the degree, and completion of 300 hours of pre-internship practicum experience.

6900-6910. Special Problems. 1–3 hours each.

6950. Doctoral Dissertation. 3, 6 or 9 hours. To be scheduled only with consent of department. 12 hours credit required. No credit assigned until dissertation has been completed and filed with the graduate dean. Doctoral students must maintain continuous enrollment in this course subsequent to passing qualifying examination for admission to candidacy. May be repeated for credit.

Public Administration

Emergency Administration and Planning – see *Undergraduate Catalog*

Public Administration, PADM

5010. Public Administration and Society. 3 hours. Examination of the political, institutional, organizational, ethical, social, legal and economic environments in which public administrators operate. Must be taken in the first term/semester of course work.

5020. Leading and Managing Public Organizations. 3 hours. Survey of contemporary theories and applications of managing high performance public organizations. Focus on leadership approaches, strategy, decision making, change management, networks and collaboration, privatization, and groups and teams. Prerequisite(s): PADM 5010 (may be taken concurrently).

5030. Managing Human Resources. 3 hours. The theory and application of managing human behavior in public organizations. Topics include motivation, supervision, conflict management, workplace diversity and the functions of public personnel systems including job design, analysis, and classification; recruitment and selection; compensation, development, training, and evaluation; promotion and discipline; and employee law. Prerequisite(s): PADM 5010 and 5020.

5035. Professional Practice for Public Managers. 3 hours. Capstone workshop that teaches current and future public managers how to operate a government agency on a day-to-day basis. Managerial practices to be covered include the meaning of public service, communication in the public sector, making effective presentations to legislatures and governing boards, group facilitation and effective meetings, executive-legislative relations, citizen relations, media relations, and ethics. To be taken during the last term/semester of course work. Prerequisite(s): completion of all other MPA core courses or consent of department.

5040. Nonprofit Management. 3 hours. Characteristics of and leadership in nonprofit organizations, with emphasis on the chief executive, the board and volunteers in activities such as governance, planning and fund raising.

5050. Legal Issues in Public Administration. 3 hours. Focuses on the relationship between public management and the law. Explores the role of bureaucrats in formulating law and policy through the rule-making process and the control of executive branch agencies by the executive branch, the legislature, and the courts.

5060. Seminar in Intergovernmental Relations. 3 hours. Analysis of political, administrative and fiscal relationships among governments in the American political system. May be repeated for credit as topics vary.

5100. Local Government Management. 3 hours. Organization and management of American local government, including executive leadership, governance structures and service implementation with emphasis on council-manager government.

5200. Public Personnel Management. 3 hours. Managing human resources in national, state and local governments.

5210. Diversity in Public Management. 3 hours. Focuses on diversity issues in modern public management. Examines the contemporary meaning of workplace diversity, the identification and evaluation of governmental policies, processes, and management techniques for promoting diversity, and the effect of workplace diversity on government performance. Emphasis is given to identifying effective techniques for managing diversity.

5220. Personnel Management in Nonprofit Organizations. 3 hours. Examines the uniqueness of personnel management in the nonprofit sector. Emphasis is on the concepts and techniques of, and the laws and ethical standards affecting nonprofit personnel management. This includes hiring, paying, supervising, motivating, developing, promoting, disciplining and retaining employees (paid or unpaid) in nonprofit and volunteer organizations.

5300. Introduction to Planning. 3 hours. Examination of state, regional and local government planning. Course explores planning theory, the planning process, managing planning, implementing plans and citizen participation.

5310. Economic and Community Development. 3 hours. The course examines the basic role of governance as an instrument of economic and community development in the United States. Focuses on the meaning and application of development primarily on subnational development with particular reference to cities and towns. Topics include economic development tools, politics of development, development financing, and development organizations.

5400. Managing Financial Resources. 3 hours. Principles of the budgetary process and innovations in budget preparation with emphasis on the role of the budget as a tool for financial control, improving program performance, and policy making. Topics include budget innovation, accounting and financial reporting.

5410. Capital Budgeting and Planning. 3 hours. Examination of capital budgeting and planning in government. Course explores the financial aspects of water and waste water utilities, roads and highways, airports, parks, storm water drainage and other infrastructure. Key dimensions of budgeting, planning and managing public works facilities are detailed through lectures, case studies and papers.