

PSYCHOLOGY (PSYCH)

Courses

PSYCH 5501 Introduction to Health Service Psychology Credit: 1

This course assists new doctoral students in their orientation to UMKC, the Department of Psychology and Counseling, and the field of Health Service Psychology. It also addresses psychologists' roles, functions, and other responsibilities, including ethics.

PSYCH 5505 Motivation Credits: 3

The definition of the concept of motivation is explored. Emphasis is placed upon integration of the concept of motivation into comprehensive theoretical explanations of phenomena. Students should have in their background a foundation in Learning Theory (or at least Theory Construction) and Experimental (Scientific Method). Previous laboratory experiences are desired.

PSYCH 5507 Cognitive Psychology Credits: 3

An advanced study in the intersection of cognition and emotion, focusing on the topics of attention, memory, and executive function, and how these abilities influence and are influenced by emotional processes and by individual difference variables such as health, mental health, age, gender, and ethnicity.

PSYCH 5509 Intellectual And Cognitive Assessment Credits: 3

This course is designed to provide students with a foundation in the use of intellectual and cognitive assessment instruments in assessment practice. The course covers theoretical issues pertinent to intellectual and cognitive assessment, as well as foundational assessment skills including administration, scoring, interpretation, and communication of results for evidence-based intellectual and cognitive assessment measures.

PSYCH 5510 Assessment Methods in Personality Credits: 3

This course is designed to help students develop knowledge and skills related to the selection, administration, and interpretation of some representative objective personality assessment instruments used in counseling/clinical settings. Students will also learn to integrate data obtained from an assessment battery to write comprehensive psychological reports.

PSYCH 5511 Principles Of Assessment In Psychology Credits: 3

This will be a field practicum course in which test batteries will be used to assess and evaluate the intelligence, personality, and aptitude of the individual.

Prerequisites: PSYCH 5510.

PSYCH 5515 Advanced Systems And History Of Psychology Credits: 3

In depth review of the major theoretical systems of psychology in terms of historical assumptions, methodologies and developments with the goal of enabling the student to better evaluate current theories and assumptions in psychology.

PSYCH 5516 Quantitative Analysis I: Regression And Analysis Of Variance Credits: 3

This graduate level statistics course for students in education and the behavioral sciences provides a strong conceptual understanding of two major statistical procedures with the context of the general linear model: multiple regression and numerous analysis of variance (ANOVA) models. Students will learn to select appropriate statistical techniques, test the assumptions of the techniques, analyze data using statistical software, and report the results of their analyses in the format of the American Psychological Association.

Prerequisites: PSYCH 316 or consent of instructor

PSYCH 5517 Quantitative Analysis II: Advanced Topics In Regression And Multivariate Data Analysis Credits: 3

This graduate level statistics course for students in the behavioral sciences and education provides a strong conceptual understanding of advanced topics in regression (e.g., interaction effects, logistic regression), mediation analysis, and various multivariate techniques (e.g., MANOVA, discriminant analysis). Students will complete a series of data-based activities that allow them to demonstrate their skills in analysis, reporting and interpretation of findings.

Prerequisites: PSYCH 5516

PSYCH 5518 Advanced Biopsychology Credits: 3

This course assumes that the student has mastered the basics of biopsychology, and deals with this topic in greater depth and scope than PSYCH 418. It will begin with a brief review and update of basic materials of neuroanatomy, neuronal conduction, and synaptic transmission but will quickly turn to an emphasis on biological influences on human psychology, in particular those biological factors that are of practical significance in the lives of patient and non-patient populations.

Prerequisites: PSYCH 418 (or equivalent).

PSYCH 5521 Advanced Social Psychology Credits: 3

The study of the individual in a social context. How social structure and interaction influence the behavior of an individual. Several contemporary systematic positions will be compared.

PSYCH 5522 Advanced Developmental Science Across the Lifespan Credits: 3

This course introduces students to the theories and research of biological, cognitive, social, and personality development across the lifespan, within the multiple layers of social-cultural context of people's lives.

PSYCH 5523 Seminar Personality Theory And Methodology Credits: 3

A study of the social-cultural, trait, learning, perceptual, motivational, and field theories of personality with special emphasis on research studies and the methodology of personality research.

Prerequisites: PSYCH 323.

PSYCH 5530 Addressing Health Disparities through Community-based Participatory Research Credits: 3

The purpose of this course is to familiarize students with the principles of community-based participatory research as a strategy to reduce health disparities. Students will learn how CBPR principles are applied across the research continuum for developing new community partnerships, conducting needs assessments, developing culturally-appropriate health promotion interventions in collaboration with community-based organizations, and packaging health interventions for dissemination in minority communities. This class is organized with a service learning component which will require students to work with a local community-based organization on a health issue for which there is joint interest.

PSYCH 5533 Diagnosing and Treatment Planning Credits: 3

This course covers psychological disorders and other reactions in clients encountered by counselors and psychologists in contemporary psychological service systems. The course focuses on learning current diagnostic criteria and making differential diagnosis, as well as on evidence based treatment planning. Attention will also be given to the influence of culture on behavior and treatment.

PSYCH 5535 School Counseling Practicum Credits: 3

This course is the school counseling practica and as such is focused on skill development, case conceptualization, and effective practice in the delivery of direct and indirect school counseling services in the K-12 school setting.

Prerequisites: CPCE 5530 CPCE 5553 (pre or co-), CPCE 5502 EDUC-C&I 5517 (for students who are not certified teachers)

PSYCH 5538 Development And Evaluation Of Assessment Tools Credits: 3

This survey course examines test theories, construction, and measurement theories. Within the context of a variety of conceptual frameworks and examples, students become knowledgeable about the various purposes, approaches, and computer software tools for measurement.

Prerequisites: PSYCH 5516 and PSYCH 5517.

PSYCH 5540 The Psychology Of Aging Credits: 3

This course will identify major issues concerning psychology related to aging. The major influences on the behavior, cognitive functioning and emotions of older adults will be examined. Consideration will be given to individual, group and environmental influences. Possible interventions will be identified. Cross-sectional and longitudinal research will be reviewed in order to examine the changes in individuals due to aging and the differences between cohort groups. Three major areas of information will be the focus: concepts, theory and methods in psychology of aging; biological and social influences on behavior; and behavioral processes. There will be a review of current literature.

PSYCH 5543 Adult Development And Aging Credits: 3

This course will identify major themes and issues of mid-life and older adults. It will examine major developmental theories of adult development and aging. A contextual approach is stressed, including research and theory on the impact of cohort, gender, race/ethnicity, socioeconomic status, and culture on development. Application to real life is integrated throughout the course. There will be a review of current literature.

PSYCH 5550 Field Practicum Credits: 4

Provides supervised experience working in community agencies/ organizations which address various human and social problems. Students receive training in community service oriented skills and approaches, e.g., advocacy, community organizing, program assessment, development and evaluation, outreach, and applied research. Ten hours per week at practicum site and class attendance are required.

PSYCH 5575 Professional Issues And Ethics In Psychology Credits: 3

Ethical and legal problems of research and practice will be discussed. Professional organizations in psychology and their publications will be reviewed.

PSYCH 5575A Professional Issues & Ethics Credits: 3

PSYCH 5580 Special Topics Credits: 1-3

PSYCH 5580AD Special Topics Credits: 1-3

PSYCH 5580SM Special Topics Credits: 1-3

PSYCH 5582 Community Mental Health Credits: 3

A review of current theory and research. The emphasis is on prevention rather than treatment of mental health problems. The assets and liabilities of neighborhood communities for mental health problems will be discussed. Recent methods in crisis intervention are reviewed. Each student will be required to become familiar with a neighborhood with a high incidence of application for mental health care.

PSYCH 5586 Supervision and Consultation in Health Service Psychology Credits: 3

This course covers theory and research on community, mental health, organizational, and agency consultation, as well as theory and research on clinical supervision. Entry, process, outcome, and ethical issues surrounding each model of intervention will be explored. Each student will be expected to conduct and report on a consultation project.

PSYCH 5590 Directed Research Credits: 1-6

PSYCH 5597 Directed Readings In Psychology Credits: 3

Intensive readings in areas of joint interest to the enrolled student and the cooperating faculty.

PSYCH 5599 Research And Thesis Credits: 1-9**PSYCH 5601 Experimental Methods In Design And Analysis I Credits: 3**

An examination of multifactor and multilevel designs and interactions. Topics covered will include randomized block designs, Latin square designs, complex trend analysis designs, covariance designs and multiple comparison of treatment means.

PSYCH 5604 Field Practicum In Community Psychology Credits: 3

Supervised experience in health care, social welfare, correctional, political, ethnic, and neighborhood agencies. May be repeated six times for up to 18 credit hours.

PSYCH 5610 Structural Equation Modeling Credits: 3

Students will learn core techniques in structural equation modeling, including path analysis, confirmatory factor analysis, structural regression models; and be introduced to advanced topics such as multi-group SEM and latent growth models. There will be multiple lab sessions using appropriate computer applications.

Prerequisites: PSYCH 5517 (or EDUC-R&P 5606) and PSYCH 5538 (or EDUC-R&P 5609).

PSYCH 5611 Theories & Methods Of Assessment & Intervention/Community Psych Credits: 3

Review of the assessment and intervention literature in social situations will be conducted. Students will design and carry out an assessment and an intervention project.

PSYCH 5612 Program Evaluation And Research Dissemination Credits: 3

A study of the area of applied research in which process and outcome characteristics of programs are related explicitly to a set of values, such as program goals, objectives and costs.

PSYCH 5614 Prevention Science I: Theories, Principles And Methods Credits: 3

Course provides a comprehensive overview of the field of prevention emphasizing basic concepts, conceptual models, and approaches associated with prevention in the field of psychology. The goal is to provide knowledge that will allow students to critically evaluate prevention programs in their communities. Students apply their learning by conducting a critical analysis of an existing community prevention and/or health promotion initiative.

PSYCH 5615 Prevention Science II: Applications Credits: 3

This advanced seminar is the follow-up course to Prevention Science I. Emphasis is placed on the application of prevention science to specific content areas (e. g., substance abuse, violence in schools physical or sexual abuse, AIDS/HIV infection, infant mortality, cardiovascular disease, promoting social competence.) A semester project involves an in-depth review of prevention efforts in the chosen area of interest, resulting in a comprehensive research proposal and/or public policy analysis.

Prerequisites: PSYCH 5614.

PSYCH 5620 Hierarchical Linear Models Credits: 3

Students will be introduced to hierarchical linear modeling techniques. Foundational topics include the rationale for using hierarchical linear models, issues related to assumptions and data screening, and a dissection of the components of a two-level organizational effects hierarchical linear model. Special topics to be discussed include growth modeling, three-level models, dyadic models, and models with categorical outcome variables (i.e., hierarchical generalized linear models). Multiple class sessions will be devoted toward use of software to build and analyze these models.

Prerequisites: PSYCH 5517 (or EDUC-R&P 5606) and PSYCH 5538 (or EDUC-R&P 5609).

PSYCH 5622 Theoretical And Ethical Issues In Professional Psychology Credits: 3

This course is designed to introduce first year doctoral students to the fundamental concepts and methods of psychology conceived as the application of scientific and ethical reasoning to human problems. It will provide an in-depth examination of the American Psychological Association code of ethics and its application to the conduct of psychologists. Critical and analytical thinking will be emphasized in all aspects of the course. The course will cover broad models of clinical and counseling psychology and their historical and scientific foundations, issues in diagnosis, cross-cultural applications and professional problems in light of ethical principles, professional standards, scientific data multicultural contexts.

PSYCH 5623 Methods Of Counseling In Professional Psychology Credits: 3

This course is designed to introduce students to the fundamental concepts and methods of counseling in professional psychology. Students will apply ethical and multicultural principles to the helping relationship while learning the basic methods of humanistic, psychodynamic, and cognitive behavioral approaches as they related to the helping process. A main focus of this course is the acquisition of basic helping skills. Students will also become familiar with counseling outcome research and will increase their level of counselor self-awareness.

Prerequisites: PSYCH 5622.

PSYCH 5625 Survey of Research in Health Service Psychology Credits: 3

This course is designed to provide a comprehensive overview of both the content and process of research in psychology and expose students to the research literature on a variety of different research methodologies. In addition, students will learn about the process of developing their own research. Students' approach to the course objectives should be consistent with the scientist-practitioner model and responsive to the cultural contexts of the research.

PSYCH 5631 Theoretical Foundations Of Health Psychology Credits: 3

This course will introduce students to the theoretical foundations of health psychology, including the Biopsychosocial model, individual and systems level theories of behavior change, stress and coping, disease prevention and health promotion, as well as adherence and relapse models. Upon completion of this course students will possess a broad understanding of how cognitive, behavioral, and social factors interact with biological parameters in influencing morbidity and mortality. In addition, students will become familiar with several substantive areas (e.g., chronic pain, HIV/ AIDS, cancer, sleep disorders, cardiovascular risk reduction), research methods, and multicultural and ethical issues in health psychology.

PSYCH 5632 Evidence-Based Practice Credits: 3

This course focuses on learning theories and the fundamental elements of evidence-based practice in health service psychology, including how to evaluate empirically validated treatments for common psychological disorders and how to provide evidence-based treatments in the context of client characteristics, culture and preferences.

PSYCH 5638 Seminar In Health Care Leadership Credits: 3

This course is designed to offer an educational experience that fosters both the knowledge and skills needed for leaders of healthcare in the future. The instructors will guide students through the process of generating new thinking, creating new knowledge, and enhancing interpersonal and professional effectiveness. Course topics will include what creates health and quality of life, social capital and health, healthcare policy, collaborative problem-solving, and transformational leadership and systems thinking.

PSYCH 5650 Clinical Practicum Credits: 1-6

Advanced supervised assessment and psychotherapy with individuals and groups in applied settings. Preregistration by application to instructor at least 60 days prior to the beginning of the semester. Approval by Psychology Director of Clinical training required.

Prerequisites: PSYCH 5623.

PSYCH 5660 Clinical Health Psychology Internship Credits: 1-6

Planned sequence of training experiences in an organized program designed to prepare students for the practice of professional psychology.

PSYCH 5696 Pre-Dissertation Credits: 1-12

Individualized research experiences to prepare students for the conduct of the dissertation.

PSYCH 5699 Research And Dissertation Credits: 1-16

PSYCH 5899 Required Graduate Enrollment Credit: 1