DEPARTMENT OF PSYCHOLOGY

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Cherry Hall, Room 324
5030 Cherry Street
(816) 235-1318 (Phone)
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Psychology EMail (psychology@umkc.edu)

Mailing Address
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Undergraduate Psychology Advising Office (http://cas.umkc.edu/psychology/degree-programs/undergraduate-programs/advising-2/)
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For an up-to-date listing of faculty, please visit the Department of Psychology website (http://cas.umkc.edu/Psychology/).

Department Chair:
Joan McDowd

Professors:
Kymberly K. Bennett, Diane L. Filion, Jennifer D. Lundgren, Jacob Marszalek, Joan McDowd (Chair), Johanna Nilsson

Associate Professors:
Seung-Lark Lim, Ricardo Marte, Melisa Rempfer, Joah L. Williams

Assistant Professors:
Oh-Ryeong Ha, Erin P. Hambrick

Department Description
The Department of Psychology is focused on behavioral science contributions to health and well-being. Our faculty members are national and international leaders in research on areas such as cognitive aging, development in children, obesity and eating disorders, neuropsychological functioning, child trauma, affective neuroscience, psychophysiological approaches to cognition and emotion, transnational methodology & motivational theories, international issues and populations, serious mental illness, consequences of trauma exposure and violence, and community factors in health. We have strong and active collaborations with important community partners such as Saint Luke's Hospital, Mid America Heart Institute, KC Care, University of Kansas Medical Center, Truman Medical Center and the Calvary Community Outreach Network. At the undergraduate level, the department offers a general program of study leading to the bachelor of arts degree in psychology. A minor in psychology is available to students majoring in other disciplines. Graduate programs are also offered by the Department of Psychology (http://cas.umkc.edu/Psychology/).

Career Implications of the Degree
Psychology is a broad discipline incorporating material from the natural sciences, other social sciences and the humanities. The study of psychology entails an examination of the human condition that is relevant to a wide range of occupations. A psychology major serves as the basis for an excellent liberal arts education and also serves as an excellent introduction to the world of scientific inquiry. Psychology students learn about the important concepts that underlie current scientific thought and they receive training in the application of psychological research methods.

The educational background obtained by a student majoring in psychology will prove useful in a variety of professional settings and will provide adequate preparation for entry-level positions in a variety of fields. Graduates with bachelor’s degrees in psychology have established careers in such diverse areas as:

• Business and industry
• Child care
• General healthcare
• Gerontology
• Mental health services
• Probation and parole
• Public relations and marketing
• Research or laboratory assisting
• Services for people with developmental disabilities
• Social services

For students interested in pursuing a career in the field of psychology, a psychology major is clearly a logical beginning. There are positions available to job candidates with bachelor’s degrees in psychology; however, most professional opportunities in psychology require advanced degrees (i.e., master’s, doctorate). Students who want to pursue a career in psychology are advised to prepare for graduate study. The psychology major at UMKC offers a solid educational foundation for students who plan to work toward advanced degrees in the field.

Department of Activities

Honor Society
The department has a chapter of Psi Chi, the national honor society in psychology. Each year Psi Chi presents a variety of educational and social programs. Membership is open to students at both undergraduate and graduate levels. Regular meetings are held throughout the academic year. Information about membership and current events is available on RooGroups (https://roogroups.umkc.edu/).

Psychology Club
The department also has a Psychology Club. The members of the Psychology Club join with the members of the Honor Society for educational social programs. Membership is open to students at both undergraduate and graduate level who have an interest in psychology. Regular meetings are held throughout the academic year jointly with PsiChi. Information about membership and current events is available on RooGroups (https://roogroups.umkc.edu/).

Bernard Lubin Memorial Speaker Series
This speaker series is sponsored by UMKC’s Department of Psychology and is named in memory of Dr. Bernard Lubin, Curators’ Professor Emeritus, to honor his contributions and dedication to the field of psychology.

Graduate Psychology Activities Committee
The focus of the Graduate Psychology Activities Committee (GPAC) is to coordinate graduate student and student-faculty social events, enhance communication between the members of various graduate programs in the department, and coordinate educational events to support the professional development of students in the graduate programs. The committee and the events planned are open to graduate students within the Department of Psychology.

Advising System
For Undergraduate Psychology Program information, please contact the Psychology Advising Office (http://cas.umkc.edu/psychology/degree-programs/undergraduate-programs/advising-2/) at umkcpuga@umkc.edu or (816) 235-1092.

For UMKC College of Arts & Sciences general education requirements, please contact the College of Arts & Sciences Student Services Office (https://cas.umkc.edu/student-services/) directly at (816) 235-1148.

See the Undergraduate Psychology Program Advising website (http://cas.umkc.edu/psychology/degree-programs/undergraduate-programs/advising-2/) for more information.

Financial Aid
Financial aid information can be found on the UMKC Financial Aid website (http://finaid.umkc.edu/).

Part-time graduate teaching and research assistantship positions may be available to Psychology doctoral students. These opportunities will be discussed with students at the time of their acceptance into the program.

Faculty
For the most current listing, see the Department of Psychology (http://cas.umkc.edu/psychology/) website.

Kymberly K. Bennett1,2; director, undergraduate psychology program and professor of psychology; B.A. (University of Redlands); Ph.D. (University of Nevada, Reno)

Carl Calkins; director, UMKC institute for human development and professor of psychology; B.A. (State University of New York); M.A. (Southern Connecticut State College); Ph.D. (Vanderbilt University).

Diane L. Filion1,2; professor of psychology; B.A. (Eastern Washington University); M.A., Ph.D. (University of Southern California).

Oh-Ryeong Ha1,2; assistant professor of psychology; B.A. (Seoul Women’s University); M.A. (Korea University); Ph.D. (University of Louisville).
Erin P. Hambrick 1,2; assistant professor of psychology; B.A. (Furman University); M.A. (Western Carolina University); Ph.D. (University of Kansas).

Seung-Lark Lim 1,2; associate professor of psychology; B.A., M.A. (Korea University); Ph.D. (Indiana University).

Jennifer Lundgren 1,2; dean, school of graduate studies and professor of psychology; B.S. (Oklahoma State University); M.A., Ph.D. (University of Illinois).

Jacob Marszalek 1,2; professor of psychology; B.A. (Illinois State University); M.A. (Emporia State University) Ph.D. (University of Illinois at Urbana-Champaign).

Ricardo Marte 1; associate teaching professor of psychology; B.A. (State University of New York at Binghamton); M.A., Ph.D. (University of Nevada, Reno).

Joan M. McDowd 1,2; chair, department of psychology and professor of psychology; B.A. (Washington University); M.A., Ph.D. (University of Toronto).

Johanna Nilsson 1,2; professor of psychology; B.A. (Roger Williams University); M.A., Ph.D. (State University of West Georgia).

Alexis Petri; associate research professor of psychology and director of PROPEL program; B.A. (University of Missouri, Kansas City; University of Massachusetts, Boston); M.A., Ph.D. (University of Missouri, Kansas City).

Melisa Rempfer 1,2; director of clinical training, Ph.D. program; clinical psychology (health emphasis) option and associate professor of psychology; B.S. (University of Iowa); M.A., Ph.D. (University of Kansas).

Joah Williams 1,2; associate professor of psychology; B.A. (The University of the South); M.S. (The University of Memphis); Ph.D. (Medical University of South Carolina, Department of Psychiatry / Ralph Johnson VAMC Consortium).

Retired Faculty

Jim Collins, associate professor emeritus of psychology.

Jay Hewitt, associate professor emeritus of psychology.

Joseph B. Hughey, professor emeritus of psychology; B.A., M.A. (Wichita State University); Ph.D. (University of Tennessee).

Tamera B. Murdock, professor of psychology

Charles L. Sheridan, professor emeritus of psychology.

1 Members of UMKC Graduate Faculty

2 Members of UMKC Doctoral Faculty

Undergraduate

Undergraduate Degrees:

- Bachelor of Arts: Psychology (http://catalog.umkc.edu/colleges-schools/arts-sciences/academic-departments-programs/psychology/bachelor-of-arts-psychology/)
- Psychology Double Major
- Minor in Psychology (http://catalog.umkc.edu/colleges-schools/arts-sciences/academic-departments-programs/psychology/psychology-minor/)

Graduate

Graduate Degrees:

- Master of Arts: Psychology (http://catalog.umkc.edu/colleges-schools/arts-sciences/academic-departments-programs/psychology/master-of-arts-psychology/)
- Doctor of Philosophy: Applied Cognitive & Brain Sciences Option (http://catalog.umkc.edu/colleges-schools/arts-sciences/academic-departments-programs/psychology/doctor-of-philosophy-psychology-applied-cognitive-brain-science/)
- Doctor of Philosophy: Clinical Psychology Option

Courses

PSYCH 151 College Study Skills and Resources Credits: 3
Course helps Propel students develop critical thinking, time management and academic skills, necessary for success in college and future employment. Students will learn about their individual learning styles and skills as well as the academic resources available to help them develop new skills. They will also explore and use various software and apps to help them stay organized and build self-sufficiency.
Prerequisites: Propel Student.
PSYCH 152 Developing a Person-Centered Life Plan Credits: 3
In this course students in the Propel Program will develop a person-centered plan that will serve as a foundation for their college experience and their future. The course approaches the topic with the belief that people with disabilities are people first and therefore the person-centered life engages the whole person and ensures person-centered supports.
**Prerequisites:** Propel Student.

PSYCH 153 Communication Skills for Networking, Employment, and Friendship Credits: 3
Through this course, students in the Propel program will gain communication skills, networking skills; learn how to build friendships; and gain important insight on personal safety.
**Prerequisites:** Propel Student.

PSYCH 154 Personal Finance and Disability Services Credits: 3
This course will introduce Propel students to disability services and systems that they will need in their adult lives. A second focus on personal finance will help students understand how disability benefits affect their personal finances.
**Prerequisites:** Propel Student.

PSYCH 155 Developing a Career Credits: 3
Career development is a journey of self-assessment and decision-making. Using an interactive discovery process, students identify possible careers that would match personality type, strengths, interests, skills, and/or values. With Career Center resources, Propel students identify strategies for leveraging the college experience to jumpstart a career.
**Prerequisites:** Propel Student.

PSYCH 156 Transition Skills Credits: 3
Propel students will learn how to identify, report and avoid abuse, neglect, and exploitation. They will also learn about their personal rights, including the right to confidentiality.
**Prerequisites:** Propel Student.

PSYCH 207 Orientation to the Psychology Major Credit: 1
This course provides an introduction to the field of Psychology, and to the Department of Psychology at UMKC. Students will explore major requirements, behaviors associated with academic success, campus resources, and faculty research and teaching interests.
**Co-requisites:** PSYCH 217.

PSYCH 210 General Psychology Credits: 3
A survey of the fundamental principles, theories, and methods of psychological science.

PSYCH 210 - MOTR PSYC 100: General Psychology

PSYCH 212 Social Psychology Credits: 3
Survey of behavior in the actual, imagined, and implied presence of others, including attitudes, the self, conformity, altruism, aggression, prejudice, and group processes.
**Prerequisites:** PSYCH 210 with a C- or better.

PSYCH 217 Academic and Career Opportunities in Psychology Credits: 3
An introduction to the applied fields of Psychology. Students will explore post-BA career options and engage with professionals who will share their career paths, their academic interests, and challenges of their current positions. Emphasis will be placed on students developing academic plans that will prepare them for professional success.
**Prerequisites:** PSYCH 210 with C- or better. Must be Psychology BA major and have completed a minimum of 15 credit hours.

PSYCH 222 Child Psychology Credits: 3
Survey of child development from conception to adolescence, including major theories, developmental milestones and research related to the physical, cognitive, social and emotional growth of children.
**Prerequisites:** PSYCH 210 with a C- or better.

PSYCH 252 Psychology of Communicating Your Lived Experience Credits: 3
This course provides frameworks for people interested in communicating their lived experiences with disabilities. This course will not satisfy the College of Arts and Sciences' Social and Behavioral Science distribution or Humanities distribution degree requirements.

PSYCH 253 Disability Civil Rights Movements Credits: 3
A survey of disability civil rights movements. The course includes such topics as institutionalization and deinstitutionalization, education, protests, civil rights advocacy, and the Americans with Disabilities Act. Students will develop a timeline of disability history milestones and conduct oral history interviews with Kansas City area individuals with disabilities.
**Prerequisites:** Propel Student.
PSYCH 255 Accessible, Inclusive Internships Credits: 3
Through this experiential learning opportunity, students complete an internship with a company, non-profit, governmental or community-based organization. Through a combination of direct observation, reflection, and evaluation, students relate the experience to their academic study and to their career exploration.

Prerequisites: Propel Student.

PSYCH 257 Disability History and Culture Credits: 3
An examination of selected political, cultural, economic and social forces shaping disability from historical and present day perspectives. The course is taught with discussions and reflections with local disability leaders.

Prerequisites: Propel Student.

PSYCH 258 Leadership and Disabilities Credits: 3
Students learn about leadership theories and develop leadership skills as they apply theory to practical situations.

Prerequisites: Propel Student.

PSYCH 302 Research Design in Psychological Science Credits: 3
An overview of research designs and data collection methods used in psychological science. Emphasis is placed on comparing strengths and limitations of various research designs and data collection methods as well as identifying appropriate uses of those research designs and data collection methods.

Prerequisites: PSYCH 210 with a C- or better.

PSYCH 305 Psychology of Gender Credits: 3
An examination of theory and research on the biological, psychological, and social aspects of gender. Differences and similarities in men's and women's affect, cognition, and behavior will be explored. Perceptions of how gender affects cognitions and behaviors will also be discussed.

Prerequisites: PSYCH 210 with a C- or better.

PSYCH 316 Quantitative Methods in Psychology Credits: 3
Introduction to the use, calculation, reporting, and interpretation of descriptive and elementary inferential statistical techniques in psychological science.

Prerequisites: PSYCH 210 with a C- or better; and MATH 110 or MATH 116 or STAT 115 or MOTRMATH 110 or higher level math (with a grade of C- or higher); or ALEKS Score of 61 or higher.

PSYCH 320 Ethnic and Minority Perspectives in Psychology Credits: 3
The theory, methods and content of psychology relevant to the interests and needs of ethnic minorities, and the contributions of ethnic groups and other minorities to psychology.

Prerequisites: PSYCH 210 with a C- or better.

PSYCH 323 Theory and Methods of Personality Credits: 3
The development, organization, dynamics and determinants of personality. May not be taken for graduate credit.

Prerequisites: PSYCH 210 with a C- or better.

PSYCH 405 Motivation and Emotion Credits: 3
A review of the principles of both human and animal motivation from classical drive, behavioral, and cognitive perspectives. May not be taken for graduate credit.

Prerequisites: PSYCH 210 with a C- or better.

PSYCH 407 Cognitive Psychology Credits: 3
Historical foundations and current state of knowledge regarding human information processing and the mental processes that underlie human behavior.

Prerequisites: PSYCH 210 with a C- or better.

PSYCH 418 Brain and Behavior I Credits: 3
Introduction to the neural bases of human behavior, including movement, learning and memory, sensation and perception, emotion, cognition, psychological, and neurological disorders.

Prerequisites: PSYCH 210 with a C- or better.

PSYCH 433 Psychological Disorders Credits: 3
Introduction to major psychological problems and disorders as well as consideration of some of the many interacting biopsychosocial influences viewed from an empirically-informed perspective. May not be taken for graduate credit.

Prerequisites: PSYCH 210 with a C- or better.

PSYCH 440 The Psychology Of Aging Credits: 3
Survey of concepts, theory, and methods in the psychology of aging, including biological and social influences on behavior.

Prerequisites: PSYCH 210 with a grade of C- or better.
PSYCH 450 Special Topics Credits: 1-3
Offered as the result of student demand, specialized faculty interests, or the availability of a visiting expert in a field related to psychology. 
**Prerequisites:** PSYCH 210 with a grade of C- or better.

PSYCH 461 Field Practicum Credits: 1-6
Provides supervised human services experience in an external community agency or organization that addresses human or social problems. 
**Prerequisites:** PSYCH 210 with a grade of C- or better.

PSYCH 490 Directed Individual Research Credits: 1-6
Students work on an individual research project under the supervision of a departmental faculty member. 
**Prerequisites:** PSYCH 210 with a grade of C- or better.

PSYCH 491 Psychology Research Externship Credits: 1-6
Provides supervised research experience in an external community agency or organization that examines basic or applied research questions. 
**Prerequisites:** PSYCH 210 with a grade of C- or better.

PSYCH 495WI Contemporary Issues in Psychology Credits: 3
In-depth analysis of a contemporary issue in psychology. Emphasis will be placed on reading and writing about empirical approaches to contemporary challenges in psychological science. 
**Prerequisites:** PSYCH 210 and PSYCH 302 both with a C- or better.

PSYCH 5504 Contemporary Issues in Learning Credits: 3
A discussion and analysis of recent research and theoretical papers in learning. The student will have to demonstrate undergraduate competence in learning in the first few weeks of this course in order to remain enrolled.

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 Assessment 1: 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 clinical evaluation. The course covers theoretical issues pertinent to intellectual and cognitive assessment, as well as basic assessment skills including administration, scoring, interpretation, and communication of results for commonly used measures.

PSYCH 5510 Assessment Methods In Professional Counseling Credits: 3
This course provides an understanding of assessment process and assessment techniques. Skills and practice in selection, administration, and interpretation of representative assessment instruments. Two semester hours lecture, two semester hours lab experience per week. 
**Prerequisites:** Course on assessment of intellectual functioning.

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 5512 Contemporary Issues in Social Psychology Credits: 3
A critical survey of the recent literature in social psychology with emphasis on experimental investigations.

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 Quant Analysis 1: 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, tests 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 (APA, 2002). 
**Prerequisites:** EDUC-R&P 5505, PSYCH 316.
### PSYCH 5517 Quantitative Analysis II: Advanced Topics in Regression And Mda 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 (interaction effects, logistic regression, path analysis) and various multivariate techniques (MANOVA, canonical correlation, factor analysis). Students will complete a series of data based projects that allow them to demonstrate their skills in analysis, reporting and interpretation of findings.  
**Prerequisites:** EDUC-R&P 5605 / PSYCH 5516 and EDUC-R&P 5505.

### 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 5531 Development And Evaluation Of Assessment Tools Credits: 3
A review of the experimental-clinical literature concerning the behavior disorders with special reference to their classification and etiology. Course generally will be restricted to students enrolled in license-eligible specialties who have had an undergraduate course in abnormal psychology.

### PSYCH 5532 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 Theory, Research And Practice Of Consultation Credits: 3
Theory and research on community, mental health, organizational and agency consultation. 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 Health Research Methods: Intro To Epidemiology & Clinical Trials Credits: 3
This course will introduce graduate students in health-related disciplines to research methods utilized in understanding disease and health risk in humans and conducting intervention trials. Students will learn about how epidemioology contributes to: 1) identifying factors that cause diseases; 2) assessing the public health importance of diseases; 3) describing the natural history of diseases; and 4) evaluating procedures for preventing or treating diseases. After completing this course, students should be able to read and summarize epidemiological research papers and answer questions about a study’s purpose, design, methods of procedure, results, and major strengths and weaknesses.

Prerequisites: graduate standing; PSYCH 5601.

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 Health Psychology Interventions Credits: 3
This course will introduce students to a wide range of psychological assessment and intervention strategies that can be used in health care settings. Individual, group, community and policy interventions will be discussed. This course may be used for credit in the Health Psychology Discipline of the Interdisciplinary Ph.D. Program.

Prerequisites: PSYCH 5631.

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

PSYCH H210 General Psychology Credits: 3
A survey of the fundamental principles, theories, and methods of psychological science.

Prerequisites: Departmental consent.