

# Department of Psychology

UMKC 2007-08 Graduate and Professional Catalog (1.0)

June 12, 2007



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# Department of Psychology

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## Department Description

The Department of Psychology is focused on behavioral science contributions to health and health care. Our faculty members are national and international leaders in research on areas such as HIV/AIDS, tobacco use, obesity and eating disorders, cancer, neuropsychological functioning, safety and violence, and community factors in health. We have strong and active collaborations with important community partners such as Saint Lukes Hospital, The Cancer Institute, Mid America Heart Institute, the Kansas City Free Clinic, University of Kansas Medical Center, and Truman Medical Center. At the undergraduate level, the department offers a general program of study leading to the bachelor of arts degree in psychology. A psychology minor is available to students majoring in other disciplines. Graduate programs are offered by the department that lead to the doctor of philosophy degree.

Psychology participates in the Interdisciplinary Ph.D. program of the School of Graduate Studies through the Psychology discipline, Psychology. See the School of Graduate Studies section of this catalog for more information about doctoral programs in the Interdisciplinary Ph.D. program.

## 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 health care.

- Gerontology.
- Mental health services.
- Probation and parole.
- Public relations and marketing.
- Research or laboratory assisting.
- Services for the developmentally disabled.
- 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 (master's, specialist, 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.

## Financial Aid

Part-time graduate teaching and research assistantship positions are available in the department. Students interested in GTA/GRA positions should contact the department chair. In addition, information is available about positions in the community in areas related to psychology.

## Department Activities

### Bernard Lubin Memorial Speaker Series

This speaker series is sponsored by the UMKC Psychology Department and is named in memory of Dr. Bernie Lubin, Curator's Professor Emeritus, to honor his contributions and dedication to the field of psychology and its teaching. To learn about scheduled speaker events, go to the Bernard Lubin Speaker Series.

### 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. Interested students should contact Dr. Terri Conley, faculty adviser, at [conleyte@umkc.edu](mailto:conleyte@umkc.edu). Visit the Psi Chi Web site at <http://cas.umkc.edu/psyc/psichi/index.htm> for more information.

### Psychology Activity Committee

The focus of the Psychology Activity Committee (PAC) 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 psychology department. Students interested in the committee should contact Dr. Jennifer Lundgren, faculty adviser, at [lundgrenj@umkc.edu](mailto:lundgrenj@umkc.edu).

## Advising System

Please visit the Psychology departments Web site for program information.

## Master of Arts: Psychology

Director:

Lisa Terre

## Program Description

Effective spring semester 2006, the M.A. program has suspended admissions indefinitely. Future updates about the program will be posted on our departmental home page at <http://cas.umkc.edu/psyc>.

The master of arts in psychology program prepares students for careers that require the application of psychological principles to the workplace or community settings. The program involves training in theory, research design and statistics, and the application of principles to real world situations. The program provides advanced training both for recent graduates and for individuals who have been in the work force for a number of years. Although some students subsequently enter doctoral programs and complete Ph.D.s, many immediately accept challenging jobs in the public, private or non-profit sector. Students may complete the program on a full- or part-time basis, however to ensure the timeliness of training, all program requirements must be completed within five years from admission. There are two program concentrations reflecting the strengths of our faculty:

- Health Psychology
- Quantitative Methods and Research Design

Both concentrations offer thesis and non-thesis options. The program is research oriented and provides many opportunities to gain valuable experience in conducting research and includes experimental studies working with human participants in a variety of areas. See faculty interests and on-going projects on the departmental home page <http://cas.umkc.edu/psyc>

***Potential applicants should be aware that the psychology M.A. is not designed to prepare students for professional practice as a psychologist. Further, completion of an M.A. in Health Psychology is not adequate preparation for either the practice of psychology or use of the term psychologist, both of which are regulated by state statute. Students interested in the practice of psychology should consider the Clinical Psychology Ph.D. program described under the Department of Psychology listing.***

**Thesis Option:**

Those students who hope to pursue additional graduate training (i.e., Ph.D.) are strongly encouraged to select the thesis option. Students who select this option work closely with their M.A. thesis adviser to develop an empirical project, which is evaluated and approved by a committee chosen by the student and his/her adviser. Students are expected to work independently during all aspects of the thesis, including design, data collection, analysis, and write-up. A final report is written by the student, approved by the thesis committee, and submitted to the Graduate School for credit towards the master's degree. The thesis must fulfill the requirements of the School of Graduate Studies, described in the Graduate Catalog. A minimum of 36 credit hours are required, including six hours of supervised research (Psych 5590).

**Non-Thesis Option:**

Those students who seek to immediately apply their skills in work settings and do not plan to pursue additional graduate training (i.e., Ph.D.) are encouraged to select the non-thesis option. A minimum of 36 credit hours are required, including six hours of supervised research (Psych 5590) resulting in an independent project.

**Graduate Admissions**

**Effective spring semester 2006, the M.A. program has suspended admissions indefinitely. Future updates about the program will be posted on our departmental home page at <http://cas.umkc.edu/psyc>.**

The M.A. program admits students once a year in the fall semester. Visit the Psychology departments Web site for program information and Frequently Asked Questions.

Decisions regarding admission are made by a faculty committee on the basis of undergraduate grades, GRE scores and letters of recommendation. A minimum cumulative undergraduate grade-point average of 3.0/4.0, and a minimum average of 3.25/4.0 in psychology coursework is required. Minimum General GRE scores in the range of 900-1000 (verbal + quantitative) are expected.

A bachelors degree is required for admittance. A B.A./B.S. in psychology is preferred but not required. In order to ensure that students are properly prepared for graduate work in psychology, applicants are expected to have satisfactorily completed at least nine hours of foundational courses in the field. Completion of undergraduate courses in the following areas is required:

- General Psychology
- Experimental Methods/Research Design
- Statistics/Quantitative Methods

Completion of courses in at least two of the following seven areas is also strongly recommended:

- Abnormal Psychology
- Child Psychology
- Cognition
- Learning
- Personality
- Sensation and Perception
- Social Psychology

**Student Learning Outcomes**

**Master of Arts Program in Health Psychology**

By the end of the M.A. program in health psychology, students will demonstrate that they can:

1. Apply theoretical principles from psychology to the development of prevention interventions aimed at a range of health-related problems.
2. Summarize and critique the psychology literature, particularly within the field of health psychology.
3. Design empirical studies which allow for the testing of a health psychology hypothesis.
4. Demonstrate knowledge of the range of univariate and multivariate statistical techniques that are used within the field of health psychology.
5. Communicate both orally and in writing at a level that is appropriate for professionals in either the applied or academic health psychology field.

**Master of Arts Program in Quantative Psychology**

By the end of the M.A. program in quantitative psychology, students will demonstrate that they can:

1. Summarize and critique the psychology literature, particularly within their chosen area of specialization.
2. Demonstrate their understanding of the range of experimental and non-experimental research designs used in psychological research.
3. Develop research instruments and demonstrate their psychometric properties.
4. Demonstrate knowledge of the range of univariate and multivariate statistical techniques that are used in psychology.
5. Communicate both orally and in writing at a level that is appropriate for professionals in either their chosen area of area of concentration.

## Suggested Plan of Study

Effective spring semester 2006, the M.A. program has suspended admissions indefinitely. Future updates about the program will be posted on the departmental home page at <http://cas.umkc.edu/psyc>.

### Concentration in Quantitative Methods/Research Design

The Quantitative Methods/Research Design concentration is designed for students who seek rigorous training in research design and statistical analysis. Acquiring skills in these areas will prepare students for additional graduate training as well as for immediate application in a work setting. Quantitatively skilled professionals are employed in a variety of settings including: university departments such as psychology, marketing, management, education, medical and biological research programs, personnel management programs, government, industry, market research firms, large-scale mental testing corporations, software development companies and consulting firms.

One key component of training is six credit hours of research and thesis (thesis option) or directed research (non-thesis option) in which students will, under the direct supervision of faculty, apply the skills they have learned in the classroom to real-world problems and research questions. With the support of their faculty mentor, students in the non-thesis option can collaborate with other professionals outside of the department.

### Quantitative Methods/Research Design

Thesis Option:	Hours
PSYCH 5516 Advanced Quantitative Methods	3
PSYCH 5517 Multiple Regression and Multivariate Analysis	3
PSYCH 5538 Development and Evaluation of Assessment Tools	3
PSYCH 5601 Experimental Methods in Design and Analysis I	3
PSYCH 5625 Health Research Methods: Intro. to Epidemiology & Clinical Trials	3
PSYCH 5599 Research and Thesis	6
Psychology Elective*	3
Electives**	6
<b>Total</b>	<b>30</b>

Non-Thesis Option:	Hours
PSYCH 5516 Advanced Quantitative Methods	3
PSYCH 5517 Multiple Regression and Multivariate Analysis	3
PSYCH 5538 Development and Evaluation of Assessment Tools	3
PSYCH 5601 Experimental Methods in Design and Analysis I	3
PSYCH 5625 Health Research Methods: Intro. to Epidemiology & Clinical Trials	3
PSYCH 5590 Directed Research	6
Psychology Electives*	9
Electives**	6
<b>Total</b>	<b>36</b>

\* Psychology electives must be 5500 level or above, unless prior written approval is obtained from your psychology adviser and the course instructor. Documentation of completion of additional work in undergraduate courses must be filed with the department in order to obtain graduate credit.

\*\* Courses at the 5500 level or above from other UMKC departments may be used to fulfill these requirements; however, prior written approval from your psychology adviser is required.

### Concentration in Health Psychology

The Health Psychology concentration offers students the opportunity to develop an understanding of the impact of behavioral, biological, cognitive, environmental and social variables on mental and physical health. Drawing on the research strengths of our faculty, the concentration is particularly appropriate for students who need advanced work to strengthen their profiles in preparation for application to Ph.D. programs, or for those who wish to explore graduate-level work before making a commitment to Ph.D. training. Students take core classes in the major areas of Health Psychology and can develop expertise in a chosen area via additional course selections and research.

Potential applicants should be aware that the Psychology M.A. is not designed to prepare students for professional practice as a psychologist. Further, completion of an M.A. in Health Psychology is not adequate preparation for either the practice of psychology or use of the term psychologist, both of which are regulated by state statute. Students interested in the practice of psychology should consider the Clinical Psychology Ph.D. program described under the Department of Psychology listing.

### Health Psychology

Thesis Option:	Hours
PSYCH 5516 Advanced Quantitative Methods	3
PSYCH 5517 Multiple Regression and Multivariate Analysis	3
PSYCH 5601 Experimental Methods in Design and Analysis I	3
PSYCH 5625 Health Research Methods: Intro. to Epidemiology & Clinical Trials	3
PSYCH 5631 Theoretical Foundations of Health Psychology	3
PSYCH 5599 Research and Thesis	6
<b>Psychology Elective (Select one)</b>	
PSYCH 5504 Contemporary Issues in Learning	3
PSYCH 5505 Motivation	3
PSYCH 5507 Cognitive Psychology	3
PSYCH 5518 Advanced Biopsychology	3
PSYCH 5538 Development and Evaluation of Assessment Tools	3
PSYCH 5612 Program Evaluation and Research Dissemination	3
<b>Psychology Elective (Select one)</b>	
PSYCH 5512 Contemporary Issues in Social Psychology	3
PSYCH 5522 Contemporary Issues in Developmental Psychology	3
PSYCH 5523 Seminar Personality Theory and Methodology	3
PSYCH 5533 Psychopathology	3
PSYCH 5638 Seminar in Health Care Leadership	3
Psychology Elective*	3
<b>Total</b>	<b>30</b>

Non-Thesis Option:	Hours
PSYCH 5516 Advanced Quantitative Methods	3
PSYCH 5517 Multiple Regression and Multivariate Analysis	3
PSYCH 5601 Experimental Methods in Design and Analysis I	3
PSYCH 5625 Health Research Methods: Intro. to Epidemiology & Clinical Trials	3
PSYCH 5631 Theoretical Foundations of Health Psychology	3
PSYCH 5590 Directed Research	6

<b>Psychology Elective (Select one)</b>		
PSYCH 5504	Contemporary Issues in Learning	3
PSYCH 5505	Motivation	3
PSYCH 5507	Cognitive Psychology	3
PSYCH 5518	Advanced Biopsychology	3
PSYCH 5538	Development and Evaluation of Assessment Tools	3
PSYCH 5612	Program Evaluation and Research Dissemination	3
<b>Psychology Elective (Select one)</b>		
PSYCH 5512	Contemporary Issues in Social Psychology	3
PSYCH 5522	Contemporary Issues in Developmental Psychology	3
PSYCH 5523	Seminar Personality Theory and Methodology	3
PSYCH 5533	Psychopathology	3
PSYCH 5638	Seminar in Health Care Leadership	3
Psychology Elective*		3
Electives**		6
<b>Total</b>		<b>36</b>

\* Psychology electives must be 5500 level or above, unless prior written approval is obtained from your psychology adviser and the course instructor. Documentation of completion of additional work in undergraduate courses must be filed with the department in order to obtain graduate credit.

\*\* Courses at the 5500 level or above from other UMKC departments may be used to fulfill these requirements; however, prior written approval from your psychology adviser is required.

### Requirements for Retention

A detailed list of requirements for retention can be found in the Master of Arts section in the Psychology Degree Program handbook.

## Clinical Psychology (Health Emphasis) Ph.D. Program\*

Contact Person:

Cathy Rawlings

<http://cas.umkc.edu/psyc/grad/clinical.htm>

**Note:** The information on the Department of Psychology web pages (link above) supersedes information in the Department of Psychology catalog section, as the catalog is updated only once per year.

The Psychology Ph.D. is a full-time clinical program of graduate study that provides professional education in the entry-level science and practice of clinical psychology. Within this broader context, the program also integrates clinical and epidemiological research with the health and life sciences, providing science-practice training in clinical health psychology. Based on a scientist-practitioner model, the program seeks to:

- Enhance the public health, broadly defined, through rigorous training of students (education mission).
- Provide an accessible resource for the integration of behavioral sciences and health research and healthcare (service mission).
- Develop knowledge and enhance health outcomes through empirical research (research and evaluation mission).
- Incorporate integrity and respect for human and intellectual diversity in all our activities (human mission).

The program's clinical training and services are grounded in a commitment to the integration of science and practice. Program faculty and students are actively involved in communities and healthcare systems to promote a high quality of life for all.

\* UMKC also offers a Ph.D. in Counseling Psychology through the School of Education. For information on that program, please see <http://education.umkc.edu/CEP>.

### Admission Criteria

The program is designed for applicants with a prior bachelor's or master's level degree. New students are admitted in fall semester only. Because the program receives applications from many more qualified individuals than can be admitted, admission is competitive (see links to detailed information below). All application materials must be *received by Jan. 15* to be considered for admission the following fall. Visit the Clinical Psychology program Web page for current application procedures and links to other helpful application resources.

The following are minimum criteria recommended for admission:

1. A bachelor's degree in Psychology, Counseling, Special Education or other health-related discipline such as Pre-Med or Nursing. Satisfactory completion of prior coursework in Introductory/General Psychology, Experimental Methods/Research Design and Statistics/Quantitative Methods is required. Satisfactory completion of prior coursework in at least two of the following areas is also strongly recommended: Abnormal Psychology, Personality, Biopsychology, Sensation and Perception, Cognitive Psychology, Motivation, Social Psychology.
2. Undergraduate GPA of 3.0 or graduate GPA of 3.5. Alternative criteria may be accepted at the discretion of the admissions committee if there is good reason to believe the regular criteria do not adequately portray the students potential to do quality work in the program. However, admission to the program is highly competitive, and we seek to admit students with a general history of excellence. A disclosure of the average GPA of students recently admitted to the program can be accessed through the program Web page.
3. Competitive Graduate Record Examination scores from the general test (GRE Math + Verbal greater than 1100; Analytical Writing score of at least 4.5). Students whose scores fall below this recommended minimum may present additional evidence of their capacity to do quality doctoral-level work. Such additional evidence will be considered and accepted at the discretion of the Clinical Admissions Committee. A disclosure of the GRE scores of students recently admitted to the program can be accessed through the program Web page.
4. Demonstrated evidence of interest in clinical health research. The program follows a mentorship model. Therefore, applicants whose research interests are similar to those of the faculty will be given higher consideration. A listing of program faculty interests and research can be accessed through the Clinical Psychology program Web page.
5. History of personal conduct consistent with the ability to adhere to high standards of student conduct, as outlined in the UMKC Standard for Student Conduct, and professional conduct as outlined by the American Psychological Association and state licensure boards.

Because clinical and health psychology are empirically-based disciplines, the program emphasizes continuous involvement in research and practice. For this reason, *students primarily interested in psychotherapy and clinical or counseling practice without a strong interest in the scientific aspect of the scientist/practitioner model would be better served by other programs.*

The program normally accepts four to six students each year. Applicants are evaluated based on the following dimensions:

1. Academic potential
2. Research potential
3. Interpersonal skills and other indications of potential for clinical work
4. Professional identity and involvement
5. Evidence of high ethical standards

The program follows the American Psychological Association Guidelines for Graduate School Offers and Acceptances.

### Admission Procedure

New students are admitted in fall semester only. Because the program receives applications from many more qualified individuals than can be admitted, admission into the program is competitive. A disclosure of relevant data for students recently admitted to the program can be accessed through the program Web page. All application materials must be *received by January 15th* to be considered for admission in the following fall. Please see the Clinical Psychology program webpage for current application procedures.

The program follows the American Psychological Association Guidelines for Graduate School Offers and Acceptances.

### Student Learning Outcomes

Students completing the Clinical Psychology (Health Emphasis) Ph.D. Program will demonstrate:

1. Competence in the evaluation, conduct, and dissemination of research.
2. Entry-level skill in the delivery of empirically-supported clinical services, including science-practice integration in assessment, treatments, and preventive interventions.
3. Ethical conduct and high professional standards in research and clinical situations, including sensitivity to issues of diversity in research and practice.
4. Knowledge in the theoretical and scientific foundations of clinical health psychology and skill in clinical health psychology research and evidence-based, entry-level practice, as it is integrated within the broader context of clinical psychology.
5. Understanding of the breadth areas of scientific psychology and their application to clinical and clinical health psychology.

### Program Curriculum

The following represents the programs core curriculum.

<b>First Year</b>		
<b>Fall Semester</b>		<b>Hours</b>
PSYCH 5509	Assessment I: Intellectual & Cognitive Assessment	3
PSYCH 5516	Quantitative Analysis I: Regression & Analysis of Variance	3
PSYCH 5590	Directed Research	
<b>-or-</b>		
PSYCH 5599	Thesis(1)	1
PSYCH 5622	Theoretical & Ethical Issues in Professional Psychology	3
<b>Total Hours</b>		<b>10</b>

<b>Spring Semester</b>		<b>Hours</b>
PSYCH 5510	Assessment Methods in Professional Counseling	3
PSYCH 5517	Quantitative Analysis II: Advanced Topics in Regression & Multivariate Data Analysis	3
PSYCH 5590	Directed Research	
<b>-or-</b>		
PSYCH 5599	Thesis(1)	1
PSYCH 5623	Methods of Counseling in Professional Psychology	3
<b>Total Hours</b>		<b>10</b>
<b>Summer Term</b>		<b>Hours</b>
PSYCH 5650	Clinical Practicum( <b>optional</b> )(2)	1
<b>Second Year</b>		<b>Hours</b>
<b>Fall Semester</b>		
PSYCH 5533	Psychopathology	3
PSYCH 5590	Directed Research	
<b>-or-</b>		
PSYCH 5599	Thesis(1)	2
PSYCH 5601	Experimental Methods in Design & Analysis I	3
PSYCH 5631	Theoretical Foundations of Health Psychology	3
PSYCH 5650	Clinical Practicum	1
<b>Total Hours</b>		<b>12</b>
<b>Spring Semester</b>		<b>Hours</b>
PSYCH 5538	Development & Evaluation of Assessment Tools	3
PSYCH 5590	Directed Research	
<b>-or-</b>		
PSYCH 5599	Thesis(1)	2
PSYCH 5625	Health Research Methods: Intro to Epidemiology & Clinical Trials	3
PSYCH 5632	Health Psychology Interventions	3
PSYCH 5650	Clinical Practicum	1
<b>Total Hours</b>		<b>12</b>
<b>Summer Term</b>		<b>Hours</b>
PSYCH 5650	Clinical Practicum( <b>optional</b> )(2)	1
<b>Third Year</b>		<b>Hours</b>
<b>Fall Semester</b>		
PSYCH 5521	Advanced Social Psychology	3
PSYCH 5522	Contemporary Issues in Developmental Psychology	
<b>-or-</b>		
PSYCH 5586	Theory, Research & Practice of Consultation(3)	3
PSYCH 5650	Clinical Practicum	1
PSYCH 5696	Pre-Dissertation(4)	3
<b>Total Hours</b>		<b>10</b>
<b>Spring Semester</b>		<b>Hours</b>
PSYCH 5505	Motivation	
<b>-or-</b>		
PSYCH 5507	Cognitive Psychology(3)	3
PSYCH 5515	Advanced Systems & History of Psychology	3
PSYCH 5650	Clinical Practicum	1
PSYCH 5696	Pre-Dissertation(4)	3
<b>Total Hours</b>		<b>10</b>
<b>Summer Term</b>		<b>Hours</b>
PSYCH 5650	Clinical Practicum( <b>optional</b> )(2)	1
<b>Fourth Year</b>		<b>Hours</b>
<b>Fall Semester</b>		
PSYCH 5518	Advanced Biopsychology(3)	3
PSYCH 5522	Contemporary Issues in Developmental Psychology	
<b>-or-</b>		
PSYCH 5586	Theory, Research & Practice of Consultation(3)	3
PSYCH 5650	Clinical Practicum	1
PSYCH 5699	Research & Dissertation	3
<b>Total Hours</b>		<b>10</b>

<b>Spring Semester</b>		<b>Hours</b>
Elective(5)		3
Elective(5)		3
PSYCH 5650	Clinical Practicum	1
PSYCH 5699	Research & Dissertation(4)	3
<b>Total Hours</b>		<b>10</b>
<b>Summer Term</b>		<b>Hours</b>
PSYCH 5660	Clinical Health Psychology Internship(6)	1
<b>Fifth Year</b>		
<b>Fall Semester</b>		<b>Hours</b>
PSYCH 5660	Clinical Health Psychology Internship	1
PSYCH 5699	Research & Dissertation(7)	1
<b>Total Hours</b>		<b>2</b>
<b>Spring Semester</b>		<b>Hours</b>
PSYCH 5660	Clinical Health Psychology Internship	1
PSYCH 5699	Research & Dissertation(7)	1
<b>Total Hours</b>		<b>2</b>
<b>Summer Term</b>		<b>Hours</b>
PSYCH 5660	Clinical Health Psychology Internship(6)	1
<b>Sixth Year</b>		
<b>Fall Semester</b>		<b>Hours</b>
PSYCH 5660	Clinical Health Psychology Internship(6)	1
<b>Program Total</b>		<b>94</b>

**Note:** This represents the recommended sequencing of courses. Students may be allowed to alter this sequencing, with prior approval of the faculty adviser and DCT. This sequencing is also subject to change based on course availability in a given semester as determined by the program.

- (1) Students are required to officially enroll in and accumulate six hours of research credit over their first two years in the program (six credit hours of graduate level research credit are required to receive the M.A.). If the masters thesis project has been waived or completed, **formal enrollment in directed research still is required.** It is expected that all students will be continuously enrolled in research credit hours and evaluated on their research performance each fall and spring semester.
- (2) The program requires that students enroll in practicum each regular fall and spring semester of the second, third and fourth years. Students may complete additional clinical hours in summer practicum to improve their competitiveness for internships.
- (3) Developmental and Consultation are offered in alternate years. Students must complete both, but the order will vary depending on which is offered in the student's third year. Similarly, Cognitive and Motivation are offered in alternate years. Students have a choice between Cognitive or Motivation (both satisfy the same requirement), and may fulfill this requirement in the third or fourth year (if taken in the fourth year, the student might take a required elective(5) in the third year instead).
- (4) The School of Graduate Studies requires a total of 12 pre-dissertation/dissertation hours for graduation. You may accumulate these hours in any way you wish as long as you complete 12 hours prior to graduation and are continuously enrolled in research credit through the completion of the dissertation. However, you must **first pass comps** before enrolling in dissertation units.
- (5) A list of potential electives is included in the student program handbook.
- (6) Students will register for three to four semester credit hours of Internship to meet program and School of Graduate Studies

enrollment requirements, based on the start and end dates of the students internship. Consult the DCT prior to beginning internship to determine appropriate enrollment.  
 (7) Students who defend their dissertations prior to the fifth year do not register for continuing dissertation hours. Students, fifth year or beyond, who have not successfully defended the dissertation are required to enroll in one credit hour of Dissertation each fall and spring semester until it is completed.

### Requirements for Retention

A detailed description of program policies and procedures, including the requirements for retention, is available in the student handbook which can be accessed through the Clinical Psychology program webpage.

## Interdisciplinary Doctor of Philosophy: Psychology

A complete description of the program, the admissions policies, and curriculum are provided on the Department of Psychology Web site (<http://cas.umkc.edu/psyc>).

### Psychology (PSYCH) Courses

**5504 Contemporary Issues In Learning (3).** A discussion and analysis of recent research and theoretical papers in learning. Prerequisite: Psychology 304 or equivalent. The student will have to demonstrate undergraduate competence in learning in the first few weeks of this course in order to remain enrolled.

**5505 Motivation (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.

**5507 Cognitive Psychology (3).** An overview of the cognitive approach to the study of human behavior. Recent research and theoretical issues in the areas of perception, memory, and concept formation are emphasized.

**5509 Assessment I: Intellectual And Cognitive Assessment (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. Prerequisites: Consent of instructor.

**5510 Assessment Methods In Professional Counseling (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. Cross-listed: CPCE 515. Prerequisite: Course on assessment of intellectual functioning

**5511 Principles Of Assessment In Psychology (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. Prerequisite: Psych. 510 and consent of the instructor.

**5512 Contemporary Issues In Social Psychology (3).** A critical survey of the recent literature in social psychology with emphasis on experimental investigations. Prerequisite: Psych. 312.

**5515 Advanced Systems And History Of Psychology (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. Prerequisite: Psych. 415 or equivalent.

**5516 Quant Analysis I: Regression And Analysis Of Variance (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: An introductory inferential statistics course (EDRP505, PSY 316) and basic knowledge of research design (EDRP505, PSY302). Cross-listed: EDRP605. Offered: FALL.

**5517 Quantitative Analysis II: Advanced Topics In Regression And Mda (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: EDRP 605/PSY 516 and basic knowledge of SPSS or SAS software and research design (EDRP505, PSY302). Cross-listed: EDRP 606. Offered: Winter.

**5518 Advanced Biopsychology (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. Prerequisite: Psych 418 or equivalent.

**5521 Advanced Social Psychology (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. Prerequisite: Psych. 312.

**5522 Contemporary Issues In Developmental Psychology (3).** A discussion of recent research literature in developmental psychology leading to an individual research project in this area. Prerequisite: Psych. 322.

**5523 Seminar Personality Theory And Methodology (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. Prerequisite: Psych. 323.

**5533 Psychopathology (3).** A review of the experimental-clinical literature concerning the behavior disorders with special reference to their classification and etiology. Prerequisites: Consent of instructor required. Course generally will be restricted to students enrolled in license-eligible specialties who have had an undergraduate course in abnormal psychology.

**5538 Development And Evaluation Of Assessment Tools (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: Psychology 516 and 517 Offered: Every Winter

**5540 The Psychology Of Aging (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.

**5543 Adult Development And Aging (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.

**5550 Field Practicum (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. Prerequisite: Consent of instructor. Offered: Fall and winter.

**5575 Professional Issues And Ethics In Psychology (3).** Ethical and legal problems of research and practice will be discussed. Professional organizations in psychology and their publications will be reviewed.

**5575A Professional Issues & Ethics (3).**

**5580 Special Topics (1-3).** Offered by individual staff members as specialty course in his or her area. Prerequisite: Consent of instructor.

**5580AD Special Topics (1-3).**

**5580SM Special Topics (1-3).**

**5582 Community Mental Health (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.

**5586 Theory, Research And Practice Of Consultation (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.

**5590 Directed Research (1-6).**

**5597 Directed Readings In Psychology (3).** Intensive readings in areas of joint interest to the enrolled student and the cooperating faculty. Prerequisite: Consent of instructor. Offered: Every Semester

**5599 Research And Thesis (1-9).**

**5601 Experimental Methods In Design And Analysis I (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.

**5604 Field Practicum In Community Psychology (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. Each semester.

**5611 Theories & Methods Of Assessment & Intervention/Community Psych (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.

**5612 Program Evaluation And Research Dissemination (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.

**5614 Prevention Science I: Theories, Principles And Methods (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. Prerequisite: none Offered: Every winter

**5615 Prevention Science II: Applications (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. Prerequisite: Psych 614 (Prevention Science I) Offered: Even years, fall semester, beginning 2000

**5622 Theoretical And Ethical Issues In Professional Psychology (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 & multi-cultural contexts. Prerequisite: consent of the instructor. Offered: Fall.

**5623 Methods Of Counseling In Professional Psychology (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. Prerequisite: PSY 622. Cross-listed: CPCE 530 Offered: Winter.

**5625 Health Research Methods: Intro To Epidemiology & Clinical Trials (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 edidemiology 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: Admission to graduate standing; PSY 601, or equivalent. Offered: Every Winter

**5631 Theoretical Foundations Of Health Psychology (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.

**5632 Health Psychology Interventions (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. Prerequisite: Psych 631 and consent of instructor. Offered: Every Winter

**5638 Seminar In Health Care Leadership (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.

**5650 Clinical Practicum (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. Prerequisite: Psych 623 and consent of instructor and Director of Clinical Training.

**5660 Clinical Health Psychology Internship (1-6).** Planned sequence of training experiences in an organized program designed to prepare students for the practice of professional psychology. Prerequisite: Consent of instructor

**5696 Pre-Dissertation (1-12).** Individualized research experiences to prepare students for the conduct of the dissertation. Pre-requisite: consent of instructor. Offered: continuous Every semester.

**5699 Research And Dissertation (1-16).**

**5899 Required Graduate Enrollment (1).**