

# Psychology Courses

---

## Courses

### **PSYC 5305. Multilevel Modeling.**

Data in the social and applied sciences are often "nested" or "clustered", with a multilevel structure. For example, jurors are nested within juries, students are nested within classrooms, and repeated measures are nested within persons. This course provides an introduction to the use of multilevel models that take into account such nesting or clustering among observations. Students will learn the basic concepts of multilevel modeling and have the opportunity to apply appropriate analytic techniques to multilevel data in a class project and homework assignments.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Classification Restrictions:**

Restricted to class of DR

### **PSYC 5309. Seminar in Psychopathology.**

Seminar in Psychopathology (3-0) An examination of the research related to problems in etiology, diagnosis and prognosis of the major disorders.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Classification Restrictions:**

Restricted to class of DR

### **PSYC 5322. Theories/Methods Psychotherapy.**

Theories and Methods of Psychotherapy (3-0) An analysis of theory, technique and research methods used in various current psychotherapies.

Prerequisite: Department approval.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Classification Restrictions:**

Restricted to class of DR

### **PSYC 5323. Psychometrics.**

Psychometrics (3-0) Principles of psychological evaluation, including intellectual, academic, neuropsychological, personality, attitude, and interest measures; reliability and validity; principles, methods, statistical procedures employed in developing new psychometric instruments, especially with respect to different cultural/ethnic minorities.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Classification Restrictions:**

Restricted to class of DR

**PSYC 5343. Clinical Issues in Legal Psych.**

This course provides a survey of issues related to the intersection of clinical psychology and the law. Topics covered may include: competence to stand trial, the insanity defense, and issues related to adult and juvenile offenders with mental illness.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Classification Restrictions:**

Restricted to class of DR

**PSYC 5351. Behavioral Medicine.**

Behavioral Medicine (3-0) Behavioral medicine and clinical health psychology are multi- and inter- disciplinary fields in which multiple related professions integrate to promote emotional and physical health and well being. This course will introduce students to key elements of the field, including its research and practice. Foci will include: theoretical models, assessment, differential medical and psychological diagnosis, intervention, and ethics among others. Assignments and class exercises are designed to provide students knowledge and specific tools to collaborate with other professionals, both clinically and for the purposes of research. Prerequisite: Department approval.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Classification Restrictions:**

Restricted to class of DR

**PSYC 5355. Seminar in General Psychology.**

Seminar in General Psychology (3-0) Advanced study of contemporary problems and issues in selected topics in psychology. May be repeated with different instructors. Prerequisite: Department approval.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Classification Restrictions:**

Restricted to class of DR

**PSYC 5360. Clinical Internship.**

Clinical Internship (0-0-6) Supervised experience with clinical techniques in an approved agency. Each 150 clock hours is equivalent to three credit hours. May be repeated until 9 hours are accumulated; however, no more than nine credit hours of PSYC 5360 will count towards the M.A. degree in Clinical Psychology. Grades in this course will not be used in computing grade point average. Pass/Fail grading option. Psychology majors only. Prerequisite: Department approval.

**Department:** Psychology

**3 Credit Hours**

**6 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

6 Other Hours

**Classification Restrictions:**

Restricted to class of DR

**PSYC 5385. Research Applications.**

Supervised research in designated laboratories. Students may repeat course for credit. Prerequisite: Department approval required. Psychology research course fee required.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**Classification Restrictions:**

Restricted to class of DR

**PSYC 5395. Thesis.**

Initial work on the thesis. Psychology research course fee required.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**Classification Restrictions:**

Restricted to class of DR

**PSYC 5396. Thesis.**

Continuous enrollment required while work on the thesis continues. Prerequisite: PSYC 5395. Psychology research course fee required.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**Classification Restrictions:**

Restricted to class of DR

**Prerequisite(s):** (PSYC 5395 w/P or better ) OR (PSYC 5398 w/P or better)

**PSYC 6010. Quantitative Cert Suppl Req.**

This course offers zero credits yet allows for the tracking of successful completion of the supplemental requirement to obtain the certificate. Prerequisite: Department approval.

**Department:** Psychology

**0 Credit Hours**

**45 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

45 Other Hours

**PSYC 6302. Structural Equation Modeling.**

This course will build upon knowledge of multiple regression (and factor analysis) by introducing the student to structural equation modeling (SEM). SEM is also known as covariance structure analysis, latent variable analysis, and causal modeling. Prerequisite: Department approval.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Major Restrictions:**

Restricted to majors of GPSY, HUBO, PSHT

**Classification Restrictions:**

Restricted to class of DR

**Prerequisite(s):** (PSYC 5310 w/B or better ) AND (PSYC 5311 w/B or better)

**PSYC 6303. Seminar in Meta-Analysis.**

This course reviews basic statistical concepts and introduces techniques and statistical procedures underlying meta-analysis. In addition, some classic meta-analytic reviews will be discussed, as well as the controversies surrounding the use of these quantitative procedures. Prerequisite: Department approval.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6304. Categorical Data Analysis.**

This course covers modern methods for the analysis of categorical outcome data, including multivariate contingency tables analysis, logistic regression, signal-detection theory, and multinomial modeling. Prerequisite: Department approval.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Major Restrictions:**

Restricted to majors of GPSY, HUBO, PSHT

**Classification Restrictions:**

Restricted to class of DR

**Prerequisite(s):** (PSYC 5310 w/B or better ) AND (PSYC 5311 w/B or better)

**PSYC 6307. Appl Correlation & Regres Meth.**

Reviews correlation techniques, simple and multiple regression, mediated and moderated regression, and several multivariate techniques. Applications of these techniques in psychological research in field settings are discussed. Prerequisite: PSYC 4317 or equivalent.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Prerequisite(s):** (PSYC 4317 w/D or better)

**PSYC 6308. Experimentl Design/Anal of Var.**

Consideration of problems of analysis and design commonly encountered in psychological research.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Prerequisite(s):** (PSYC 4317 w/D or better)

**PSYC 6309. Seminar in Psychopathology.**

An examination of the research related to problems in etiology, diagnosis and prognosis of the major disorders.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6312. Program Evaluation.**

Examines issues in evaluation research design, implementation, utilization, and ethics. Case studies and class activities provide applied experience.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6313. Multilevel Modeling.**

Data in the social and applied sciences are often "nested" or "clustered", with a multilevel structure. For example, jurors are nested within juries, students are nested within classrooms, and repeated measures are nested within persons. This course provides an introduction to the use of multilevel models that take into account such nesting or clustering among observations. Students will learn the basic concepts of multilevel modeling and have the opportunity to apply appropriate analytic techniques to multilevel data in a class project and homework assignments.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6315. Psychopharmacology.**

A study of current topics and recent developments in the biochemical basis of psychopathology and related strategies of psychopharmacological intervention.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6317. Behav/Mental Hlth Intervention.**

Behav/Mental Hlth Intervention This course teaches students to apply evidence-based practices in mental health care, criminal justice, academic and public health settings. Students at the Master's and PhD level will learn to integrate evidence-based interventions into practice and research, and to adapt these interventions to the setting and target populations with which they work. Readings regarding evidence-based practice will be discussed in class, and concepts will be applied to behavioral health and mental problems in the community based on the student's interests and professional goals.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Major Restrictions:**

Restricted to majors of CPSY, EPSY, NURS, PSYC, REHC, SOWK

**PSYC 6318. Seminar in Psych Assessment.**

Seminar in Psych Assessment This course introduces students to concepts relevant to the assessment of personality, psychopathology, and intellectual functioning in clinical and research settings. Topics covered will include ethical issues in assessment, multicultural issues in assessment, objective and projective measures, psychometrics, structured interviewing, and selection of instruments for research purposes.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Major Restrictions:**

Restricted to majors of CPSY, EPSY, NURS, PSYC, REHC, SOWK

**PSYC 6322. Theories/Methods Psychotherapy.**

An analysis of theory, technique and research methods used in various current psychotherapies. Prerequisite: Department approval required.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6323. Psychometrics.**

Principles of psychological evaluation, including intellectual, academic, neuropsychological, personality, attitude, and interest measures; reliability and validity; principles, methods, statistical procedures employed in developing new psychometric instruments, especially with respect to different cultural/ethnic minorities.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6327. Seminar:Soc/Cultrl Psych.**

A graduate course that (a) provides advanced study of contemporary problems and issues in selected topics in social and/or cultural psychology, and (b) has been approved by the Psychology Department as fulfilling the requirements of a Breadth Course. May be repeated when topics vary.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6328. Spcl Topics: Soc/Cultrl Psych.**

A graduate course that (a) provides advanced study of contemporary problems and issues in selected topics in social or cultural psychology, but (b) has not been approved by the Psychology Department as fulfilling the requirements of a Breadth Course. May be repeated when topics vary.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6330. Social Behavior.**

Theoretical and applied approaches to individual and group behavior. Topics include social cognition, attitudes and persuasion, group processes, group decision making, intra-and intergroup relations, person and group perception, and cross-cultural issues related to these social processes. Prerequisite: Department approval required.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6331. Cross-Cultural Rsrch Methods.**

Consideration of the difficulties confronting casual inference in cross-cultural comparisons. The concept of equivalence is examined as it applies to populations, tests and indicators, and controlled manipulations. The role of theory in developing appropriate research strategies is emphasized. A broad range of research methods are examined for their special contributions and difficulties in cross-cultural comparisons.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6334. Foundations of Research.**

Design and implementation of research, including observational methods, experiments and quasi-experimental designs, and program evaluation. Solutions to specific, commonly occurring design and statistical problems are emphasized.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6335. Research Design/Data Analysis.**

An advanced course in data analysis and research design. Topics may include structural equation modeling (exploratory and confirmatory factor analysis, multiple group confirmatory analysis), meta-analysis, or the selection and implementation of an appropriate data analysis plan for a grant or research proposal. Prerequisites: PSYC 6307 and PSYC 6308.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Prerequisite(s):** (PSYC 6307 w/C or better ) AND (PSYC 6308 w/C or better)

**PSYC 6342. Special Topics in Psyc & Law.**

Focuses on selected issues and problems where psychology and culture contribute to and has implications for the legal system and human behavior in relation to the legal system. May be repeated for credit when topic varies.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6343. Clinical Issues in Legal Psych.**

This course provides a survey of issues related to the intersection of clinical psychology and the laws. Topics covered may include: competence to stand trial, the insanity defense, and issues related to adult and juvenile offenders with mental illness.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6344. Survey of Legal Psychology.**

Provides an introduction to the field of Legal Psychology, with an overview of important theoretical and applied issues. Topics may include: Eyewitness identification; Juror decision making; memory and suggestibility of witnesses and victims; causes and predictors of violence, domestic violence and child abuse; decision processes in the legal system; expert testimony; and cultural issues.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6351. Behavioral Medicine.**

Behavioral medicine and clinical health psychology are multi- and inter-disciplinary fields in which multiple related professions integrate to promote emotional and physical health and well being. This course will introduce students to key elements of the field, including its research and practice. Foci will include: theoretical models, assessment, differential medical and psychological diagnosis, intervention, and ethics among others. Assignments and class exercises are designed to provide students knowledge and specific tools to collaborate with other professionals, both clinically and for the purposes of research. Prerequisite: Department approval.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6352. Public Hlth/Comm Intervention.**

Reviews empirical evidence concerning the efficacy of a range of programs and interventions that are designed to increase health promoting behaviors and reduce health threatening and high risk behaviors such as teen pregnancy, drinking and driving, smoking, and alcohol and drug use. The efficacy of fear appeals, media campaigns, and related interventions will also be addressed. Prerequisite: Department approval.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6355. Seminar in General Psychology.**

Advanced study of contemporary problems and issues in selected topics in psychology. May be repeated with different instructors. Prerequisite: Department approval.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6356. Scientific Writing.**

This course teaches students to write for publication or to obtain funding by guiding them through the completion of at least one professional-level manuscript or research proposal. Depending on the particular semester, students may develop a manuscript for journal submission; a thesis or dissertation proposal/document; or a proposal for research or research training. Students are required to write daily, submit work weekly for instructor and peer review, participate in review of other's work, and complete reading assignments. Potential students must meet with the instructor before enrolling to discuss their writing topic.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6357. Seminar: Psychology.**

A graduate course that (a) provides advanced study of contemporary problems and issues in selected topics in psychology, and (b) has been approved by the Psychology Department as fulfilling the requirements of a Breadth Course. May be repeated when topics vary.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours



**PSYC 6358. Spcl Topics: Psychology.**

A graduate course that (a) provides advanced study of contemporary problems and issues in selected topics in psychology, but (b) has not been approved by the Psychology Department as fulfilling the requirements of a Breadth Course. May be repeated when topics vary.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6360. Clinical Internship.**

Supervised experience with clinical techniques in an approved agency. Each 150 clock hours is equivalent to three credit hours. May be repeated until 9 hours are accumulated; however, no more than nine credit hours of PSYC 6360 will count towards the M.A. degree in Clinical Psychology. Grades in this course will not be used in computing grade point average. Pass/Fail grading options. Psychology majors only. Prerequisite: Department approval.

**Department:** Psychology

**3 Credit Hours**

**6 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

6 Other Hours

**PSYC 6367. Seminar: Cognitive Psych.**

A graduate course that (a) provides advanced of contemporary problems and issues in selected topics in cognitive psychology, and (b) has been approved by the Psychology Department as fulfilling the requirements of a Breadth Course. May be repeated when topics vary.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6368. Spcl Topics: Cognitive Psych.**

A graduate course that (a) provides advanced study of contemporary problems and issues in selected topics in cognitive psychology, and (b) has been approved by the Psychology Department as fulfilling the requirements of a Breadth Course. May be repeated when topics vary.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6371. Animal Learning & Behavior.**

Examination of current theories and recent developments in our understanding of the role of learning in modulating animal behavior. A broad range of animal models used to study various Psychological phenomena will be covered with an emphasis on the role of learning and memory processes in these models. Prerequisite: Department approval.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6372. Behavioral Neuroscience.**

Advanced study of the most current information related to neurochemical and neuropsychological mechanisms by which the nervous system controls behavior. Topics will vary but may include examination of normal behaviors such as eating, water balance, sleep, learning, and memory or abnormal behaviors such as mental disorders and drug addiction. Emphasis will be placed on the study and evaluation of current theories of neurochemical mechanisms and neuroanatomical substrates for the behaviors. Prerequisite: Department approval.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6376. Developmental Psychology.**

In this course students will explore, in depth, life-span development with a focus on cognition and mental processes. Topics will include, but are not limited to, the development of reasoning, language, and the neural bases of cognitive development. Students will critically analyze seminal studies and papers from a variety of disciplines, including experimental psychology, cognitive neuroscience and animal learning and behavior. Prerequisite: Department approval.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6377. Seminar: Behavrl Neurosci.**

A graduate course that (a) provides advanced study of contemporary problems and issues in selected topics in behavioral neuroscience, and (b) has been approved by the Psychology Department as fulfilling the requirements of a Breadth Course. May be repeated when topics vary.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6378. Spcl Topics: Behavrl Neurosci.**

A graduate course that (a) provides advanced study of contemporary problems and issues in selected topics in behavioral neuroscience, but (b) has not been approved by the Psychology Department as fulfilling the requirements of a Breadth Course. May be repeated when topics vary.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**PSYC 6380. First Year Research.**

Initial work on first year research project. Prerequisite: Department approval.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**PSYC 6381. First Year Research.**

Continuous enrollment required while work on first year research project continues. Prerequisite: PSYC 6380.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**Prerequisite(s):** (PSYC 6380 w/C or better)

**PSYC 6385. Research Applications.**

Supervised research in designated laboratories. Students may repeat course for credit. Prerequisite: Department approval. Psychology Research Course Fee required.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**PSYC 6390. Field Placement.**

Professional experience in an applied setting. Each 150- clock hours is equivalent to three credit hours. The graduate program committee must approve the location and extent of the activity involved.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**PSYC 6395. Thesis.**

Initial work on the thesis. Psychology research course fee required.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**PSYC 6396. Thesis.**

Continuous enrollment required while work on the thesis continues. Prerequisite: PSYC 6395. Psychology research course fee required.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**Prerequisite(s):** (PSYC 6395 w/P or better)

**PSYC 6398. Dissertation.**

Initial work on the dissertation. Psychology research course fee required.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**PSYC 6399. Dissertation.**

Continued enrollment required while work on dissertation continues. Prerequisite: PSYC 6398. Psychology research course fee required.

**Department:** Psychology

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**Prerequisite(s):** (PSYC 6398 w/P or better)