PSY 50000 - Statistical Methods Applied To Psychology, Education, And Sociology Credit Hours: 3.00. Descriptive statistics and an introduction to sampling statistics. Applied to psychological, sociological, and education data. Pre-college level course work in Algebra and Number Theory. Typically offered Fall Spring Summer.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Distance Learning, Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
Upper Division

May be offered at any of the following campuses:
   IUPUI
   Calumet
   West Lafayette

PSY 50400 - The IQ Controversy Credit Hours: 3.00. Basic methods and results of psychometrics aimed at quantifying "intelligence" are reviewed in a historical setting. Test construction, quantitative theories of "intelligence" nature/nurture problem (twin studies); social relevance (immigration laws, education) are some of the topics covered. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
Upper Division

May be offered at any of the following campuses:
   West Lafayette
**PSY 50500 - Mental Measurement** Credit Hours: 3.00. Introduction to the general area of mental measurement. Theory and content of measuring device in the fields of intelligence, interests, personality, and special aptitudes. Typically offered Fall Spring Summer.

0.000 OR 3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Laboratory, Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

Course Attributes:
Upper Division

May be offered at any of the following campuses:
- PU Fort Wayne
- IUPUI
- Calumet
- West Lafayette

**PSY 50600 - Professional Issues And Trends In Social Psychology** Credit Hours: 3.00. This course is designed to help students acculturate to and acquire a broad knowledge of social psychological research. Topics to be covered include but are not limited to: how to apply for academic jobs, how to present your program of research, how to network at conferences, how to develop a website presence, how to approach potential collaborators, and how to structure your research questions in an appropriate manner for grant applications. Permission of department required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

Course Attributes:
Upper Division
May be offered at any of the following campuses:
- West Lafayette
Repeatable for Additional Credit: Yes - May be repeated an unlimited number of times

Learning Objectives: 1. Learn strategies to professionally present themselves, their interests, and their accomplishments on paper and in person.

**PSY 50700 - Current Readings In Social Psychology**

Credit Hours: 3.00. This course is designed to expose students to a variety of readings, discussions, and presentations. The seminar examines a diverse assortment of social psychological topics. Students benefit from exposure to current research and methods in the field. Students also benefit from becoming increasingly conversant regarding the latest empirical advances in the field. Permission of department required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

Course Attributes:
Upper Division

May be offered at any of the following campuses:  
West Lafayette

Repeatable for Additional Credit: Yes - May be repeated an unlimited number of times

Learning Objectives: 1. Understand and interpret a host of different designs and analyses regarding a large variety of key areas in social psychological research.

**PSY 51100 - Psychophysics** Credit Hours: 3.00. (ECE 51100) An examination of the relationship between physical stimuli and perception (visual, auditory, haptics, etc.). Includes a review of various methods for studying this relationship and of the mathematical and computational tools used in modeling perceptual mechanisms. Permission of instructor required. Typically offered Fall Spring.
0.000 OR 3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Laboratory, Lecture
**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

Course Attributes:  
Upper Division

May be offered at any of the following campuses:  
West Lafayette

**PSY 51200 - Neural Systems** Credit Hours: 3.00. (SLHS 50700, BIOL 56200) Background in cell biology, psychobiology, physiology, or anatomy is recommended. Overview of the structure and function of neural systems including those involved with motor, somatosensory, visual, auditory, learning, memory, and higher cortical processes. Molecular and cellular aspects of neural function are integrated with discussion of relevant neuroanatomy. Permission of instructor required. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate  
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

Course Attributes:  
Upper Division

May be offered at any of the following campuses:  
West Lafayette

**PSY 51400 - Introduction To Mathematical Psychology** Credit Hours: 3.00. This course introduces the student to the field of mathematical modeling of psychological processes. Mathematical techniques employed in modeling are learned, and a number of mathematical models and theories that have been developed and employed in various important areas of experimental psychology are explained. An introduction to problems in theory and model testability also is given. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate  
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

Course Attributes:
Upper Division

May be offered at any of the following campuses:
- West Lafayette

**PSY 51800 - Memory And Cognition** Credit Hours: 3.00. A graduate-level survey of theories and research concerned with the acquisition, retention, and retrieval of information. Topics include amnesia, eyewitness memory, forgetting, developmental trends in memory, related issues in attention, language processing, and problem solving. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

Course Attributes:
Upper Division

May be offered at any of the following campuses:
- IUPUI
- Calumet
- West Lafayette

**PSY 52000 - Attention And Performance** Credit Hours: 3.00. This course explores the relation between the world humans perceive and the actions humans perform. Topics include: (1) the integration of sensory information; (2) attention; (3) compatibility between stimuli and responses; (4) analysis of reaction times and accuracies; and (5) decision making. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences
PSY 52200 - An Introduction To Pediatric Psychology Credit Hours: 1.00. This course is designed for the clinical psychologist who desires to become acquainted with the field of pediatrics as it is seen by the practicing pediatrician. The student will be introduced to common medical terminology, literature, and interrelated pediatric and psychological problems. Permission of instructor required. Typically offered Spring.

1.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
Full-Time Privileges, Upper Division

May be offered at any of the following campuses:
West Lafayette

PSY 52600 - Psycholinguistics Credit Hours: 3.00. (AUS 50800) An introduction to the descriptive devices, central issues, and varying methodologies of psycholinguistics. Permission of instructor required. Typically offered Fall.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
LA Linguistics, Upper Division

May be offered at any of the following campuses:
PSY 53200 - Psychological Disorders Of Childhood  Credit Hours: 3.00. A review of the nature, causes, and consequences of deviations from normal childhood development. Emphasis is placed on the two most common types of psychological problems in childhood: mental retardation and behavior disorders. Typically offered Fall.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
Upper Division

May be offered at any of the following campuses:
   - PU Fort Wayne
   - Calumet
   - West Lafayette

PSY 53500 - Psychology Of Death And Dying  Credit Hours: 3.00. An examination of psychological research and theory related to death and the dying process. Topics include death concepts, attitudes, and fears, psychosocial predictors of death, effects of death on survivors, psycho-social factors related to individual differences and normative dying behaviors, stages of dying, effects of pain and drugs, and managing the dying process. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
S General Education, Upper Division
May be offered at any of the following campuses:
- IUPUI
- Calumet
- West Lafayette

**PSY 53600 - Psychology Of Aging And The Aged** Credit Hours: 3.00. Age-related cognitive and personality changes in the elderly are examined along with an analysis of the causes and mechanisms of aging. Typically offered Fall.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

Course Attributes:
Upper Division

May be offered at any of the following campuses:
- West Lafayette

**PSY 53700 - Family In Adulthood** Credit Hours: 3.00. An examination of interpersonal relationships of adults with spouses, children, parents, siblings, and other kin, and how such relationships change as the individual develops throughout adulthood and experiences major life events. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

Course Attributes:
Upper Division

May be offered at any of the following campuses:
- West Lafayette
**PSY 54000 - History Of Psychology** Credit Hours: 3.00. A review of the philosophical, theoretical, and methodological issues that entered into the development of modern psychology. Emphasis is placed on historical themes that continue to be active in the science and profession of psychology. Permission of instructor required. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Distance Learning, Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

Course Attributes:
- S General Education, Upper Division

May be offered at any of the following campuses:
- PU Fort Wayne
- IUPUI
- West Lafayette

**PSY 55000 - Introduction To Clinical Psychology** Credit Hours: 3.00. The case-study method, including a discussion of the importance of historical information, the contribution of clinical tests to diagnosis, and a general survey of prevention and treatment techniques. Typically offered Summer Fall.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

Course Attributes:
- Upper Division

May be offered at any of the following campuses:
- PU Fort Wayne
- IUPUI
- Calumet
- West Lafayette
**PSY 55200 - Development In Adolescence** Credit Hours: 3.00. An examination of patterns of change in the years between childhood and adulthood together with consideration of the social contexts of family, school, peer group, and work in which those patterns manifest themselves. Typically offered Fall.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

Course Attributes:  
Upper Division

May be offered at any of the following campuses:  
West Lafayette

**PSY 55500 - Cognitive Engineering Of Interactive Software** Credit Hours: 3.00. (I E 559) Theory and applications of software design to improve productivity and job satisfaction on information processing and cognitive tasks in the workplace. Human information processing models and cognitive theories will be used to provide a theoretical basis for how to choose and display information to the user. Other topics include user-friendly displays and empirical approaches to software design. Applications of the design theory are stressed by class projects. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

Course Attributes:  
Upper Division

May be offered at any of the following campuses:  
West Lafayette
PSY 55600 - Job Design Credit Hours: 3.00. Task analysis, personnel selection and training, job and organizational design, and criteria development and use. Human factors related to job design in order to increase job satisfaction and productivity. Typically offered Fall.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
Upper Division

May be offered at any of the following campuses:
  West Lafayette

PSY 56000 - Cognitive Functioning In Older Adults Credit Hours: 3.00. This course provides the student with understanding of cognitive functioning in older adults. Although age differences in sensory systems, attention, perception, and memory will be reviewed, the course will focus on higher order cognitive functioning, such as individual and collaborative problem solving, reasoning, decision making, intelligence, creativity, and wisdom. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
S General Education, Upper Division

May be offered at any of the following campuses:
  West Lafayette
PSY 56100 - Personality And Social Functioning In Older Adults  Credit Hours: 3.00. Personality and social behavior of the aged are examined. Emphasis is placed on understanding how stability for certain psychological functions and behaviors is maintained and how change occurs in others. Typically offered Spring.

3.00 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
Upper Division

May be offered at any of the following campuses:
   West Lafayette

PSY 57400 - Psychology Of Industrial Training Credit Hours: 3.00. Utilization of psychological measurement techniques in assessing training needs and evaluating training effectiveness and the application of learning research and theory to industrial training. Typically offered Fall Spring.

3.00 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
Upper Division

May be offered at any of the following campuses:
   IUPUI
   Calumet
   West Lafayette
PSY 57700 - Human Factors In Engineering Credit Hours: 3.00. (I E 577) Survey of human factors in engineering, with particular reference to human functions in human-machine systems, and consideration of human abilities and limitations in relation to design of equipment and work environments. Primarily for engineers and other nonpsychology majors. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Distance Learning, Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
Upper Division

May be offered at any of the following campuses:
   West Lafayette Continuing Ed
   IUPUI
   Calumet
   West Lafayette

PSY 58500 - Psychological Foundations Of Consumer Behavior Credit Hours: 3.00. A survey of the concepts and methods of psychology as they apply to the study of consumer behavior. Typically offered Fall Spring Summer.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture, Recitation

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
Upper Division

May be offered at any of the following campuses:
   IUPUI
   Calumet
   West Lafayette
**PSY 58800 - Prose Learning And Retention** Credit Hours: 3.00. (EDPS 537) An examination of research and theory related to the learning and remembering of prose. Typically offered Spring Fall.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

Course Attributes:
Upper Division

May be offered at any of the following campuses:
   - West Lafayette

**PSY 59100 - Topics In Psychology** Credit Hours: 1.00 to 3.00. Various topics that may change from semester to semester are presented by faculty in the Department of Psychological Sciences. Typically offered Fall Spring.

1.000 TO 3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

Course Attributes:
S General Education, Upper Division, Variable Title

May be offered at any of the following campuses:
   - West Lafayette

**PSY 60000 - Statistical Inference** Credit Hours: 3.00. Emphasis is given to principles underlying both parametric and nonparametric inference. Prerequisite: PSY 50000. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture
**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences  

May be offered at any of the following campuses:  
IUPUI  
Calumet  
West Lafayette  

**PSY 60100 - Correlation And Experimental Design** Credit Hours: 3.00. Continuation of PSY 600 with emphasis upon the design and analysis of experiments. Prerequisite: PSY 60000. Typically offered Fall Spring.  
3.000 Credit hours  

Levels: Graduate, Professional  
Schedule Types: Lecture  

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences  

May be offered at any of the following campuses:  
IUPUI  
West Lafayette  

**PSY 60300 - Psychopharmacology** Credit Hours: 3.00. This course will cover core pharmacology concepts and principles, such as neurotransmitters, receptors, drug classes, and mechanisms of drug action, while highlighting recent findings related to pharmacogenetics and sex/gender differences in psychopharmacology. There will also be a primary focus on drug therapy for major psychiatric disorders including addiction, depression, anxiety and schizophrenia. Prerequisites: (BIOL 56200 and PSY 51200) or PSY 61500 or MCMP 57000. Typically offered Fall Spring.  
3.000 Credit hours  

Levels: Graduate, Professional  
Schedule Types: Lecture  

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences  

May be offered at any of the following campuses:  
West Lafayette
Learning Objectives: 1. Acquire knowledge about the primary biological systems through which drugs act to produce changes in behavior. 2. Learn basic principles of pharmacokinetics and pharmacodynamics. 3. Learn the primary signs/symptoms of major mental disorders and how these disorders are classified with the DSM. 4. Discuss and differentiate the primary methods currently used to treat mental disorders. 5. Critically evaluate the strengths and weaknesses of primary research papers in psychopharmacology. 6. Explain the use of animal models in psychopharmacology. 7. Explain and discuss the methods used in the "drug discovery pipeline", from target identification to FDA approval and beyond and model the application of new drugs through this pipeline. 8. Communicate proficient knowledge about a single psychiatric disorder and its pharmacological treatment through oral presentation and writing (white-paper style).

**PSY 60500 - Applied Multivariate Analysis** Credit Hours: 3.00. A survey of the most frequently employed multivariate research techniques, such as multivariate generalizations of univariate tests and analysis of variance, principal components, canonical analysis, and discriminant analysis. A central theme of the course is the general linear model, both univariate and multivariate. A multipurpose program for this model provides the student with practical experience in conducting multivariate research. Some prior exposure to elementary matrix algebra is recommended. Prerequisite: PSY 60000. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

May be offered at any of the following campuses:
IUPUI
Calumet
West Lafayette

**PSY 60600 - Special Topics In Quantitative Psychology** Credit Hours: 3.00. A seminar covering such topics as linear models, statistical decision making, and multidimensional scaling. Permission of instructor required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture
Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
Variable Title

May be offered at any of the following campuses:
  IUPUI
  West Lafayette

**PSY 60601 - ANOVA For The Behavioral Sciences**

Credit Hours: 3.00. This course is a first-semester graduate statistics course for students in psychology and related fields who conduct quantitative research. The course involves an accelerated review of fundamental concepts (e.g., data visualization, central limit theorem, probability), after which the course will focus on statistical techniques for between- and within-person designs that include categorical independent variables (e.g., t-tests, ANOVA). Permission of department required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
  West Lafayette

Repeatable for Additional Credit: Yes - May be repeated up to 1 times

Learning Objectives: 1. Develop a deeper conceptual understanding of foundational statistical principles. 2. Analyze data correctly by hand and using SPSS. 3. Learn to properly interpret and report results of statistical analysis in APA format. 4. Learn the foundational principles for best practices for conducting empirical research, including measurement, database management, data cleaning, and syntax. 5. Develop skills in managing their own data and will be able to comprehensively analyze and interpret the results of most commonly-used analyses and variance.
**PSY 60700 - Scaling And Measurement** Credit Hours: 3.00. An introduction to the theory of measurement and a survey of modern scaling methods (unidimensional and multidimensional, metric and nonmetric) within the framework of the modern theory of measurement. Some prior exposure to elementary matrix and set algebra is recommended. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:  
- IUPUI  
- West Lafayette

**PSY 60800 - Measurement Theory And The Interpretation Of Data** Credit Hours: 3.00. The theory of measurement and the development of reliability and the Spearman-Brown equations, true scores and variables, and correction for attenuation. Variance or covariance of combinations of variables. Item analysis and test construction strategies. Reliability and validity of measurements and the influence of measurement error and measurement threats to research design. Prerequisite: PSY 60000. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional  
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:  
- IUPUI  
- West Lafayette

**PSY 61000 - Multivariate Analysis In Behavioral Neurosciences** Credit Hours: 3.00. This is an advanced doctoral-level statistics course that examines the application of multivariate methods to the analyses of organizational data. Topics include: matrix algebra, the general linear model, multivariate analysis of variance, canonical correlation, discriminant function analysis, and factor/component analysis. Prerequisite: Grade of B or higher in (PSY 60000 and PSY 60100) or (STAT 51200 and STAT 51400) or (HDFS 68500 and PSY 63100). Typically offered Fall Spring.
3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette

Repeatable for Additional Credit: Yes - May be repeated an unlimited number of times

Learning Objectives: 1. Develop a broad theoretical understanding of multivariate analyses, applied skills necessary to incorporate multivariate analytic techniques into their research activities, and mathematical foundations of these topics that will allow the student to pursue advanced training and research in these areas.

PSY 61101 - Multilevel Theory, Measurement And Analysis  Credit Hours: 3.00. This course is designed to provide doctoral students with an introductory treatment of multilevel theory building and testing. Issues to be discussed include: multilevel theory building, composition and compilation models, aggregation, aggregation bias, the role of within-group agreement in multilevel modeling, cross-level inference, cross-level interactions, and hierarchical linear modeling. Permission of instructor required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette

Learning Objectives: 1. Acquire an understanding of the basic elements of multilevel theories & multilevel validation and how those theories and validation processes differ from single-level theories/processes. 2. Acquire an understanding of the roles of data aggregation & cross-level inference in multilevel measurement and analysis. 3. Acquire an understanding of the various ways to estimate interrater agreement & reliability and how those statistics are used to inform multilevel measurement. 4. Acquire an understanding of the hierarchical linear model applied to traditional nested data structures. Emphasis will be placed on model specification and interpretation of parameter estimates. 5.
Acquire an understanding of the hierarchical linear model applied to longitudinal data structures. Emphasis will be placed on model specification and interpretation of parameter estimates.

6. Acquire an understanding of various “special topics” in multilevel theory, measurement, and analysis. Examples include: multilevel mediation, multilevel moderation, multilevel analysis of dyadic data, and the impact of centering decisions on the interpretation of multilevel models.

**PSY 61401 - Special Topics In Ingestive Behavior** Credit Hours: 3.00. (NUTR 61600) Explore, in-depth, important and current issues in ingestive behavior: enhance critical thinking skill; and acquire professional skills (e.g., organizational, interpersonal) and develop rapport with scholars in the field. Typically offered in even ending years. Typically offered Spring.

0.000 OR 3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Individual Study, Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

May be offered at any of the following campuses:
- West Lafayette

Learning Objectives: 1. To explore, in-depth, important and current issues in ingestive behavior. 2. To enhance critical thinking skills. 3. To acquire professional skills (e.g., organizational, interpersonal) and develop rapport with scholars in the field.

**PSY 61500 - Introduction To Psychobiology** Credit Hours: 3.00. A survey of the integrated neurosciences for nonconcentrators emphasizing human physiological psychology. Neural processes of sensory and motor function, arousal and sleep, motivation, learning and memory, language function, and personality disorders will be presented with selected coverage of neuroanatomy, neurophysiology, neuropharmacology, and neuroendocrinology. Both normal and pathological functions will be covered. Not intended for students in the neurobiology program. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences
May be offered at any of the following campuses:
- IUPUI
- West Lafayette

**PSY 61600 - Seminar In Physiological Psychology** Credit Hours: 3.00. A survey of the neurophysiological and neurochemical processes which affect behavior. Particular emphasis given to research problems and methods currently being explored in this field. Prerequisite: PSY 61500. Permission of instructor required. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

May be offered at any of the following campuses:
- West Lafayette

**PSY 61700 - Neurobiology III: Physiological Psychology** Credit Hours: 4.00. (BIOL 665) An examination of the neurophysiological basis of behavior. Emphasis is given to central nervous system mechanisms which mediate processes such as learning, intelligence, and emotional behavior. Typically offered Fall.

0.000 OR 4.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Laboratory, Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

May be offered at any of the following campuses:
- West Lafayette

**PSY 61801 - Ingestive Behavior Seminar** Credit Hours: 1.00. (NUTR 61700) Fosters an exchange of ideas and promotes greater familiarity among individuals from different laboratories and departments with interests related to ingestive behavior, and gives students opportunities to build their communication
skills and lead/mediate discussions at a high scholarly level. Typically offered in alternate years. Typically offered Fall.

1.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
  West Lafayette

Learning Objectives: 1. To foster an exchange of ideas and promote greater familiarity among individuals from different laboratories and departments with interests related to ingestive behavior. 2. To give students opportunities to make and critique scholarly presentations and lead/mediate discussions with other graduate students and faculty.

PSY 61900 - Sensory Coding Mechanisms Credit Hours: 3.00. Psychobiology of coding of sense information in the nervous system. Intensive treatment of several topics including: structural and functional characteristics of neural coding units, types of neural codes, transducer properties, adaptation, lateral inhibition, feature analysis, central control, and effects of early experience. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
  West Lafayette

PSY 62200 - Animal Learning Credit Hours: 3.00. A survey of the methods, problems, and research in Pavlovian, instrumental, and operant conditioning. Current issues and attempts at theoretical integration are highlighted. Emphasis is also given to the empirical and conceptual foundations underlying the present views on the mechanisms governing learned behavior. Typically offered Fall Spring.
PSY 62300 - Behavioral And Therapeutic Effects Of Psychoactive Drugs Credit Hours: 3.00. A basic course exploring the behavioral and therapeutic effects of psychoactive drugs. This course concentrates on basic concepts in neurochemistry, biological theories of mental disorders, clinical use of drugs, drug abuse, and the effects of drugs on learning and memory. Permission of instructor required. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
   IUPUI
   West Lafayette

PSY 62400 - Human Learning And Memory Credit Hours: 3.00. Selected survey of important problems in the encoding, storage, and retrieval of laboratory and naturalistic events. Prerequisite: Coursework in Human Development, Family Studies and related services. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences
May be offered at any of the following campuses:
   IUPUI
   West Lafayette

**PSY 62500 - Complex Cognitive Processes** Credit Hours: 3.00. Surveys research and theory concerned with the nature of the "higher-order" mental processes, including decision making, categorization, problem solving, and language. Fundamental questions regarding the nature of the representations that underlie conceptual and linguistic behavior will be addressed. Permission of instructor required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette

**PSY 62700 - Advanced Topics In Visual Perception** Credit Hours: 3.00. All important aspects of visual perception are covered: neurophysiology and neuroanatomy, psychophysics, color, perceptual organization, size, shape, depth, motion, and binocular disparity. Emphasis is on mathematical and computational models and on experimental verification of the models. Course work in Mathematics; including matrix algebra, calculus, probability, and elementary geometry. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette
**PSY 62800 - Perceptual Processes** Credit Hours: 3.00. This course is an advanced introduction to the psychology of perception. The course emphasizes visual and auditory perception, reviewing basic concepts, methodologies, research findings, and theoretical approaches. Theories of direct perception, constructivist perception, and computational vision are discussed in detail. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

*Offered By:* College of Health & Human Sci  
*Department:* Psychological Sciences

May be offered at any of the following campuses:  
  - IUPUI  
  - West Lafayette

**PSY 62900 - Motivation** Credit Hours: 3.00. An examination of the basic theories and concepts of motivation that have been developed through experimental research. Current research in the area is considered in depth. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

*Offered By:* College of Health & Human Sci  
*Department:* Psychological Sciences

May be offered at any of the following campuses:  
  - West Lafayette

**PSY 63000 - Stereotyping And Prejudice** Credit Hours: 3.00. Provides an in-depth examination of issues related to stereotyping, prejudice, and discrimination. After a general introduction and historical overview, students will be exposed to a detailed study of the social psychological foundations of stereotyping and prejudice to include their impact and reduction strategies. Permission of instructor required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture
Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette

Learning Objectives: 1. This course not only will enhance students’ knowledge but will facilitate their oral and written communication skills and their critical thinking skills. 2. Greater appreciation of research ethics, methodology, design, and data analysis will also be gained through careful consideration of original empirical works.

PSY 63100 - Multiple Regression Analysis For The Behavioral Sciences Credit Hours: 3.00. This "data analytic" course provides an examination of the conceptual underpinnings and advanced application of multiple regression analyses to psychological data. Permission of instructor required. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette

PSY 63200 - Neuropsychology Credit Hours: 3.00. Human brain-behavior relations. Topics include anatomy of the cortex, theories of cortical processing, language mechanisms, hemispheric specializations, laterality of brain function, and recovery from brain damage. Prerequisite: PSY 61500. Permission of instructor required. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette
PSY 63300 - Seminar In Experimental Psychology Credit Hours: 2.00 or 3.00. Critical analysis of current problems in experimental psychology. Emphasis upon reviewing literature, preparing and presenting papers. Permission of instructor required. Typically offered Fall Spring Summer.

0.000 TO 3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Individual Study, Lecture
All Sections for this Course

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
Variable Title

May be offered at any of the following campuses:
   IUPUI
   West Lafayette

PSY 63400 - Evolutionary Determinants Of Cognition Credit Hours: 3.00. This course explores the developing literature on evolutionary determinants of cognition. Students will be exposed to the methodology of evolutionary analyses, its applications in empirical domains, as well as the major criticisms that surround the enterprise. Permission of instructor required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette

Learning Objectives: 1. Students are expected to read the assigned material, in depth, prior to each class period; actively participate in seminars; lead at least one class discussion; and arrive each week with demonstrated “proof” that they have, in fact read the material (e.g., notes, outlines, sets of questions, etc.). Students will also be asked to produce an updated reference (or reading) list for the topic area that they present in class- one that goes beyond the articles listed on the reading list.
**PSY 63500 - Ethical Issues In Biomedical Research** Credit Hours: 2.00. (VPB 618) Examination of moral reasoning as it applies to epidemiologic inquiry and the methods of biomedical research. Topics include obligations to human and animal research subjects, ethical considerations in research design, data interpretation and fraud, funding of research, and public policy. Typically offered Spring.

2.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette

**PSY 63600 – Self and Identity** Credits 3.00. This seminar explores many issues related to the self from a social psychological perspective. The goal is to develop a better understanding of theory and research dealing with various aspects of the self. To accomplish this goal, students will learn to critically analyze papers addressing self-related material. Typically offered Fall; Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette

**PSY 63700 - Human Information Processing** Credit Hours: 3.00. This course develops the methodological tools required for an information processing approach to human behavior. These techniques are applied to such topics as reaction time, signal detection, attention, and skilled behavior, with emphasis upon unifying empirical findings. Prerequisite: PSY 60000, 60100. Typically offered Fall.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

May be offered at any of the following campuses:

West Lafayette

**PSY 63900 - Seminar In Cognition** Credit Hours: 2.00 or 3.00. Analysis of current research findings in cognitive psychology. Emphasis is upon design of experiments and theoretical unification of existing data. Prerequisite: PSY 60000, 60100. Typically offered Fall Spring.

2.000 OR 3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

May be offered at any of the following campuses:

West Lafayette

**PSY 64000 - Survey Of Social Psychology I** Credit Hours: 3.00. An extensive survey of methods, research, and theory in social psychology. Typically offered Fall.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

May be offered at any of the following campuses:

IUPUI, West Lafayette

**PSY 64200 - Social Influence** Credit Hours: 3.00. Students are immersed into the exciting sub-field of social psychology: social influence through lively discussions and readings on the subject. Students will evaluate what is meant by social influence, what it includes, what it doesn't include, as well as current trends in social influence. Permission of instructor required. Typically offered Fall Spring.

3.000 Credit hours
Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette

Learning Objectives: 1. The course not only will enhance students’ knowledge but will facilitate their oral and written communication skills and their critical thinking skills. Greater appreciation of ethical research (e.g., through coverage of Milgram’s original research on social influence in the form of obedience to authority) and research methodology will also be gained.

PSY 64300 - Psychology Of Attitudes And Attitude Change Credit Hours: 3.00. Considers relation of attitudes to beliefs and to behaviors. Surveys major theories of attitude formation and change as well as empirical research related to these theories. Permission of department required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
S General Education, Upper Division

May be offered at any of the following campuses:
   West Lafayette

PSY 64400 - Close Relationships Credit Hours: 3.00. Acquaints participants with the major social psychological approaches to the study of close, interpersonal relationships, including evolutionary, attachment, and interdependence perspectives. Methodological and data analytic issues relevant to relationships research also are examined. Typically offered Fall Spring.

3.000 Credit hours
Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:  
West Lafayette

**PSY 64500 - Social Cognition** Credit Hours: 3.00. Cognitive approaches to social psychology. Topics to be covered include attribution theory, impression formation, stereotype formation, perceptual salience, memory for persons and interpersonal events, and the processing of emotionally significant information. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:  
West Lafayette

**PSY 64600 - Seminar In Social-Personality Psychology** Credit Hours: 3.00. A seminar covering a special topic in personality or social psychology. Specific topic varies from seminar to seminar. Permission of instructor required. Typically offered Fall Spring.

0.000 OR 3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Individual Study, Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

**Course Attributes:**  
Variable Title
May be offered at any of the following campuses:
IUPUI
West Lafayette

**PSY 64700 - Group Processes And Performance** Credit Hours: 3.00. Provides a survey of research concerning small group interaction and performance. Covers topics such as group problem-solving, group decision-making, group polarization, and group structure. Will also discuss group interaction and communication patterns. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

May be offered at any of the following campuses:
West Lafayette

**PSY 64800 - Developmental Assessment** Credit Hours: 3.00. A survey of the range of available instruments utilized in the intellectual and personality assessment of nontraditional populations (infants, retardates, individuals with sensory or motor handicaps). Tests will be looked at in terms of both their psychometric properties (reliability, validity) and in terms of their potential clinical utility (decision theory). There will be two critical aspects of the course: first, the issue of assessment strategies and the assessment process with the handicapped and, second, the nature of intellectual and emotional growth in handicapped and atypical populations. Prerequisite: PSY 50500. Permission of instructor required. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

May be offered at any of the following campuses:
West Lafayette
**PSY 64900 - Social Psychology Of Health** Credit Hours: 3.00. A seminar covering an assortment of social psychological topics with health emphases, including theories of health behavior and behavioral prediction, habits, safer sexual behavior, inhibition, relational factors in health, and measurement issues relevant to the scientific study of health. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:
  - West Lafayette

**PSY 65100 - Development In Infancy And Childhood** Credit Hours: 3.00. Critical review of physical-motor, cognitive, and social development with special emphasis on infancy and early childhood. Permission of instructor required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional  
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:
  - IUPUI
  - West Lafayette

**PSY 65300 - Social Development** Credit Hours: 3.00. An examination of major theories and current research on the development of social behavior and personality. Parent-child relationships, peer relations, aggressive and prosocial behavior, sex typing, self-concepts, moral reasoning, social cognition, and other topics are considered. Permission of instructor required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional  
Schedule Types: Lecture
**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:  
West Lafayette

**PSY 65500 - Cognitive Development** Credit Hours: 3.00. An analysis of research findings and current theories relevant to the development of cognitive processes. Emphasis is placed upon the changing characteristics of some fundamental cognitive processes. Special attention is given to verbal behavior and language. Permission of instructor required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional  
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:  
IUPUI  
West Lafayette

**PSY 65600 - Developmental Theory** Credit Hours: 3.00. Assessment of major theories for the description and explanation of human development. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional  
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:  
West Lafayette
PSY 65900 - Seminar In Developmental Psychology Credit Hours: 3.00. A critical review of selected concepts, problems, and methods of research in developmental psychology. Permission of instructor required. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
Variable Title

May be offered at any of the following campuses:
  IUPUI
  West Lafayette

PSY 66200 - Personality Theory Credit Hours: 3.00. Theory construction in the study of human behavior. Theoretical and methodological aspects of psychological science are surveyed in light of the form of explanation and empirical investigation which they promote. The focus is on personality-related study but all aspects of psychological science are considered. Permission of instructor required. Typically offered Fall.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
  West Lafayette

PSY 66400 - Research Methods In Clinical Psychology I Credit Hours: 2.00. A review of scientific and correlational research methods appropriate for clinical psychologists. Topics include philosophy of science, ethical issues in research with human subjects, hypothesis formulation, measurement, correlational and manipulational designs, and the analysis and interpretation of data. Prerequisite: 6
credit hours at the lower division undergraduate level in Mathematics, or Statistics, 6 credit hours in Clinical Psychology. Typically offered Fall.

2.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette

**PSY 66500 - Research Methods In Clinical Psychology II** Credit Hours: 2.00. Students present advanced topics in clinical research design, including: evaluation research, subject reactivity, psychotherapy outcome research, multivariate research designs, small sample design (N = 1), and so on. Also students propose and defend their own research and critique the research of classmates. Prerequisite: PSY 60000, 66400. Typically offered Spring.

2.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette

**PSY 66700 - Clinical Assessment I** Credit Hours: 4.00. Presentation of general assessment principles and methods. Supervised practice in general diagnostic and treatment procedures as applied to both children and adults. Emphasis is placed on laboratory practice in the administration and interpretation of intelligence tests; behavioral observation techniques and operant remediation procedures. Permission of instructor required. Typically offered Fall.

0.000 OR 4.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Laboratory, Lecture
PSY 66800 - Clinical Assessment II  Credit Hours: 4.00. Presentation of methods of clinical assessment including structured and unstructured personality tests, physiological recording, behavioral observation, and interview techniques. Emphasis is placed on laboratory practice in the administration and interpretation of personality tests and training in the basic clinical interview techniques. Permission of instructor required. Typically offered Spring.

0.000 OR 4.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Laboratory, Lecture

PSY 669 - Prosocial Behavior  Credit Hours 3.00. This course is designed to provide a broad and rigorous, graduate-level overview of contemporary scientific research on prosocial processes from the perspective of personality and social psychology. Typically offered Fall; Spring.

3.00 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture
**PSY 67000 - Principles And Techniques Of Psychotherapy** Credit Hours: 3.00. Discussion and elaboration of the main theories and techniques of psychotherapy, the application of these techniques to the change of behavior, and the analysis of clinical cases for therapy planning. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:  
- West Lafayette

**PSY 67100 - Personality Assessment** Credit Hours: 3.00. Critical review of the construction, evaluation, and interpretation of objective and projective measures of personality as used with normal and clinical groups. Different models of psychological diagnosis and therapeutic intervention are considered. Laboratory practice in the integration of various kinds of personality data and in the preparation of diagnostic evaluations. Permission of instructor required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional  
Schedule Types: Laboratory, Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:  
- West Lafayette

**PSY 67300 - Psychology Of Behavior Disorders** Credit Hours: 3.00. Advanced abnormal psychology. Consideration will be given to research and theory of psychopathology. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional  
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences
May be offered at any of the following campuses:
   Calumet
   West Lafayette

**PSY 67400 - Structural Equation Modeling**

Credit Hours: 3.00. This is an advanced course in structural equation modeling (SEM), intended to provide doctoral students with an introductory treatment of the theory and methods of SEM. SEM is a statistical methodology that encompasses a wide variety of models, including path models, exploratory and confirmatory factor models, structural regression models, and latent growth models, among others. Prerequisites: PSY 61000 is highly recommended but not required. Permission of department required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional, Undergraduate
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

Repeatable for Additional Credit: Yes - May be repeated up to 1 times

Learning Objectives: 1. Obtain a basic-to-intermediate understating of the logic of SEM and grasp the underpinning statistics of SEM. 2. Critically read and evaluate empirical journal articles that use SEM. 3. Develop the ability to apply SEM (and the correct model) to relevant questions in their area of research interest. 4. Acquire Programming skills for conducting SEM.

**PSY 67700 - Behavior Modification And Therapy** Credit Hours: 3.00. An introduction to and review of the general area of behavior therapy. Major topics are learning foundations and theoretical bases, but therapy techniques, applications to specific problems, prominent research, and ethics are considered. Permission of instructor required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences
May be offered at any of the following campuses:
   - West Lafayette

**PSY 67800 - Seminar In Clinical Psychology** Credit Hours: 2.00. Discussion of special topics in clinical psychology. Permission of instructor required. Typically offered Fall Spring.
2.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

Course Attributes:
Variable Title

May be offered at any of the following campuses:
   - West Lafayette

**PSY 67900 - Practicum In Clinical Psychology** Credit Hours: 1.00 to 6.00. This is a practicum in clinical psychology, whereby students see individuals for therapy. These cases are supervised by faculty in clinical psychology. This is a requirement for the graduate program, and students must do both adult and child practicum. Students enrolled in this program must register for this course a minimum of four times. Prerequisite: Master’s student standing and Psychology majors only. Permission of instructor required. Typically offered Fall Spring Summer.
1.000 TO 6.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Clinic, Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

Course Attributes:
Full-Time Privileges, Practicum, Variable Title

May be offered at any of the following campuses:
   - West Lafayette
PSY 68000 - Survey Of Industrial/Organizational Psychology Credit Hours: 3.00. This two-semester sequence extensively surveys the various areas of industrial/organizational psychology. The first semester surveys those topics generally classified as dealing with industrial psychology (e.g., selection, placement, training, performance appraisal), and the second semester surveys organizational psychology topics (e.g., job satisfaction, motivation, leadership, decision making, role making). Course provides a critical and up-to-date review of recent and classical research in these areas. Prerequisite: Any undergraduate Statistics course and any undergraduate Social Science Research Methods course. Typically offered Fall Spring Summer.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

Course Attributes:
Variable Title

May be offered at any of the following campuses:
- IUPUI
- West Lafayette

PSY 68100 - Seminar In Research Methodologies Of Industrial/Organizational Psychology Credit Hours: 3.00. Intensive analysis of application of various research and statistical methods to the study of human behavior in organizational settings. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci
**Department:** Psychological Sciences

Course Attributes:
Variable Title

May be offered at any of the following campuses:
- IUPUI
- West Lafayette
PSY 68200 - Advanced Seminar In Industrial Organizational Psychology  Credit Hours: 3.00. Special topics in industrial and organizational psychology are offered on a two-year rotating basis. The special topics are: work motivation, leadership, advanced selection and placement, and performance appraisal. One topic will be treated each semester. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
Variable Title

May be offered at any of the following campuses:
IUPUI
West Lafayette

PSY 68300 - Seminar In Industrial/Organizational Psychology  Credit Hours: 3.00. Topics vary. Permission of instructor required. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
Variable Title

May be offered at any of the following campuses:
IUPUI
West Lafayette
**PSY 68500 - Seminar In Consumer And Opinion Research** Credit Hours: 3.00. Exploration of new topics, critical examination of current literature and selectively distributed research reports and analysis of original studies in consumer, attitude, and opinion research. Typically offered Fall.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:  
West Lafayette

**PSY 68600 - Research In Consumer Psychology** Credit Hours: 3.00. Development and critical evaluation of research designs for examining current problems in consumer psychology. Under supervision of the instructor, each student will be required to plan and conduct a research project on a selected topic in consumer psychology. Permission of instructor required. Typically offered Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:  
West Lafayette

**PSY 68800 - Research Methods In Social Psychology**

Credit Hours: 3.00. This course provides a broad and rigorous, graduate-level overview of contemporary research methodology in social psychology and personality. The course follows a discussion seminar format. Permission of department required. Typically offered Fall Spring.

3.000 Credit hours

Syllabus Available  
Levels: Graduate, Professional, Undergraduate

Schedule Types: Lecture
Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette

Learning Objectives: 1. Understand the specific rationale for using different methodological techniques to answer different kinds of questions. 2. Learn to plan, implement, and analyze social psychology research, including traditional laboratory and other experimental procedures and designs.

Restrictions:
Must be enrolled in one of the following Levels:
   Graduate

**PSY 69000 - Individual Research In Psychology** Credit Hours: 1.00 to 3.00. Involvement in research design, execution, and analysis under the guidance of a faculty member. Permission of instructor required. Typically offered Fall Spring Summer.

1.000 TO 3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Distance Learning, Individual Study

Offered By: College of Health & Human Sci
Department: Psychological Sciences

Course Attributes:
Variable Title

May be offered at any of the following campuses:
   West Lafayette Continuing Ed
   West Lafayette

**PSY 69100 - Readings In Psychology** Credit Hours: 1.00 to 3.00. In-depth reading into specific topic area in psychology, under the guidance of a faculty member. Permission of instructor required. Typically offered Fall Spring Summer.

1.000 TO 3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Individual Study, Lecture
**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

Course Attributes:
Variable Title

May be offered at any of the following campuses:
   West Lafayette

**PSY 69200 - Special Topics In Psychology**  
Credit Hours: 1.00 to 3.00. Various topics which may change from semester to semester are presented by faculty in the Department of Psychological Sciences. Typically offered Fall Spring Summer.

1.000 TO 3.000 Credit hours

Levels: Graduate, Professional  
Schedule Types: Individual Study, Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

Course Attributes:
Variable Title

May be offered at any of the following campuses:
   West Lafayette

**PSY 69400 - Advanced Seminar In Ethology**  
Credit Hours: 3.00. Advanced seminar in Ethology.  
Prerequisite: BIOL 59300 or PSY 59300. Typically offered Fall.

3.000 Credit hours

Levels: Graduate, Professional  
Schedule Types: Lecture

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette
PSY 69500 - The Psychology Of Learning And Teaching At The College Level Credit Hours: 3.00. (EDPS 634) Current methods of formulating objectives of instructions; examination of student characteristics which affect learning; discussion of basic learning processes; analysis of instructional variables which affect learning; selection of instruction methods and materials; evaluation of learning outcomes; and evaluation of the instructional system. Typically offered Fall Spring.

3.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette

PSY 69600 - Seminar In Neurobiology, Endocrinology, And Behavior Credit Hours: 1.00. An examination of advanced research findings in the interdisciplinary areas of neurobiology, endocrinology, and behavior by means of colloquium presentations by outside speakers and students. Permission of instructor required. Typically offered Fall Spring.

1.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Lecture

Offered By: College of Health & Human Sci
Department: Psychological Sciences

May be offered at any of the following campuses:
   West Lafayette

PSY 69700 - Clinical Psychology Internship Credit Hours: 0.00. Clinical psychology internship. Open only to Clinical Psychology students in approved internship facilities. Permission of instructor required. Typically offered Summer Fall Spring.

0.000 Credit hours

Levels: Graduate, Professional
Schedule Types: Experiential
**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

Course Attributes:
Internship

May be offered at any of the following campuses:
- West Lafayette

**PSY 69800 - Research MS Thesis**  
Credit Hours: 1.00 to 18.00. Research MS Thesis. Permission of instructor required. Typically offered Fall Spring Summer.

1.000 TO 18.000 Credit hours

Levels: Graduate, Professional  
Schedule Types: Research

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:
- IUPUI  
- West Lafayette

**PSY 69900 - Research PhD Thesis**  
Credit Hours: 1.00 to 18.00. Research PhD Thesis. Permission of instructor required. Typically offered Fall Spring Summer.

1.000 TO 18.000 Credit hours

Levels: Graduate, Professional  
Schedule Types: Research

**Offered By:** College of Health & Human Sci  
**Department:** Psychological Sciences

May be offered at any of the following campuses:
- IUPUI  
- West Lafayette

Repeatable for Additional Credit: Yes - May be repeated an unlimited number of times