

**894 Group Studies GRAD 1-15**  
Investigation of minor problems in the various fields of Portuguese literature and language.  
Prereq: Written permission of instructor. Repeatable to a maximum of 30 cr hrs.

## Psychiatry

**793 Individual Studies in Psychiatry MED 1-18**  
A supervised, scholarly investigation of some aspects of psychiatry in which there is interest by the student and expertise by the faculty.

Su, Au, Wi, Sp Qtrs. Prereq: Adequate clinical training in psychiatry and permission of chairperson and instructor. Repeatable to a maximum of 18 cr hrs. 1, 2, or 3 months. This course is graded S/U.

**850.01 Seminar: Clinical Psychiatry GRAD 1-6**  
Prereq: Permission of chairperson and instructor. Repeatable to a maximum of 12 cr hrs. This course is graded S/U.

**850.02 Seminar: Group Therapy GRAD 1-6**  
Prereq: Permission of chairperson and instructor. Repeatable to a maximum of 12 cr hrs. This course is graded S/U.

**850.03 Seminar: Psychotherapy GRAD 1-6**  
Prereq: Permission of chairperson and instructor. Repeatable to a maximum of 12 cr hrs. This course is graded S/U.

**850.04 Seminar: Psychiatric Literature GRAD 1-6**  
Prereq: Permission of chairperson and instructor. Repeatable to a maximum of 12 cr hrs. This course is graded S/U.

**850.05 Seminar: Child Psychiatry GRAD 1-6**  
Prereq: Permission of chairperson and instructor. Repeatable to a maximum of 12 cr hrs. This course is graded S/U.

**999 Psychiatry Research GRAD 1-18**  
Research for thesis purposes only.  
Su, Au, Wi, Sp Qtrs. Prereq: MD and residency in psychiatry. Repeatable. This course is graded S/U.

## Psychology

**100 General Psychology UGRD 5**  
Introductory psychology, a prerequisite to advanced courses; the application of the scientific method to behavior; topics include learning, motivation, perception, personality, physiological basis of behavior.

Su, Au, Wi, Sp Qtrs. 5 cl. 100H (honors) may be available to students enrolled in an honors program or by permission of department or instructor. SS Admis Cond course. This course is available for EM credit. GEC soc sci individuals and groups course. GEC social diversity in US course. E100 may be available for honors embedded experience at the regional campuses.

**120 The Psychology of Academic and Personal Effectiveness UGRD 3**

A survey of theories and practices designed to improve higher level skills in reading, perception, learning, and adjustments.  
2 cl, 1 2-hr lab. Available at regional campuses only.

**220 Introduction to Data Analysis in Psychology UGRD 5**  
Introduction to statistical analysis of psychological data; random samples, graphical and numerical techniques of descriptive statistics, correlation, regression, probability, sampling distribution, and hypothesis testing.  
Au, Wi, Sp Qtrs. 2 1.5-hr cl, 1 2-hr lab. Prereq: 100 and Stat 145 or Math 130 or Math 148 or equiv. Not open to students with credit for 320 or Stat 245.

**220H Introduction to Data Analysis in Psychology UGRD 5**  
Introduction to statistical analysis of psychological data; random samples, graphical and numerical techniques of descriptive statistics, correlation, regression, probability, sampling distribution, and hypothesis testing.  
Au, Wi Qtrs. 2 1.5-hr cl. Prereq: 100 and Math 148 or equiv; and honors standing or permission of instructor. Not open to students with credit for H320 or Stat 245.

**300 Research in Psychology: An Introduction UGRD 4**  
An overview of issues, methods, and techniques of scientific psychological research.  
Au, Wi, Sp Qtrs. Prereq: 100.

**301 Psychology of Extraordinary Beliefs UGRD 5**  
Considers beliefs in extraordinary phenomena through the application of the findings and principles of psychological science.  
2 2-hr cl.

**302 Introduction to the Psychology of Listening and Reading UGRD 4**  
The recognition of spoken and written words will be traced from their registration by the senses to their storage in memory.  
Prereq: 100 or permission of instructor.

**303 Positive Psychology UGRD 5**  
Introduction to the field of positive psychology. Topics include, positive affect, subjective well-being, optimism, psychological strengths, emotional intelligence, compassion, humor and spirituality.  
2 2-hr cl.

**305 Drugs and Behavior UGRD 4**  
Introduction to the psychology of licit and illicit psychoactive drug use.  
Au, Wi, Sp Qtrs. 2 2-hr cl. Prereq: 100. Not open to students with credit for Psych 597.01 or Psych 394 in SP03.

**309 Human Motor Control and Learning UGRD 4**  
Experimental analyses of the processes underlying the performance, learning and adaptation of movement skills.  
2 1.5-hr cl; 1 1.5-hr lab/qtr, during 1 cl. Prereq: 300 or 220 or 320, or Stat 145, or permission of instructor.

**310 Basic Psychology: Perception UGRD 4**  
Theory, methods, and physiological correlates of sensory and perceptual processes; emphasis on the relation of behavior to stimulus variation.  
Prereq: 100, and 220 or 320 or Stat 145 or 245.

**311 General Psychology: Motivation and Action UGRD 3**  
A behavioristic presentation of experimental work on learning and motivation.  
Prereq: 100; prereq or concur: 220 or 320, or Stat 145 or 245.

**312 Learning, Memory, and Cognition UGRD 4**  
An introduction to experimental study of human memory, learning, and cognition.  
Au, Wi, Sp Qtrs. Prereq: 100; and 220 or 320, or Stat 145 or 245.

**313 Behavioral Neuroscience UGRD 5**  
Introduction to the structure and function of the nervous system in relation to behavior.  
Au, Wi, Sp Qtrs. 4 cl. Prereq: 300.

**321 Quantitative and Statistical Methods in Psychology UGRD 5**  
A concentrated examination of applications of statistical tools in inference in contemporary psychology; hypothesis testing, regression, correlation, and analysis of variance.

Au, Wi, Sp Qtrs. 2 1.5-hr cl, 1 1.5-hr rec. Prereq: 100; and 220 or 320, or Stat 145 or 245. Not open to students with less than a grade of B in 220 or 320 or Stat 145 or 245

**321H Quantitative and Statistical Methods in Psychology UGRD 5**

A concentrated examination of applications of statistical tools in inference in contemporary psychology; hypothesis testing, regression, correlation, and analysis of variance.

Wi, Sp Qtrs. 3 cl. Prereq: 100 or permission of instructor; 220 or 320, or Stat 145 or 245; and honors standing. Not open to students with less than a grade of B in 220 or 320 or Stat 245.

**325 Introduction to Social Psychology UGRD 5**  
An introduction to research in social psychology; topics include individual motivation group behavior, attitudes, and perception of self and others.  
Prereq: 100. Not open to students with credit for 367.01.

**325H Introduction to Social Psychology UGRD 5**  
An in-depth, empirically based introduction to research in social psychology; topics include individual motivation, group behavior, attitudes, and perception of self and others.  
Prereq: 100 and honors standing or permission of instructor. Not open to students with credit for 367.01.

**331 Abnormal Psychology UGRD 5**  
Examination of current theories and empirical findings regarding the major forms of psychopathology.  
Su, Au, Wi, Sp Qtrs. Prereq for 331: 100. Prereq for H331: 100 and 3.2 CPHR, or permission of instructor. E331 may be available for honors embedded experience at the regional campuses.

**333.02 Human Behavioral Problems: Sexual UGRD 5**  
Overview of the psychology of human sexuality including the nature and variety of human sexual experience, theories and therapies regarding sexual issues.  
Prereq: 100.

**335 Psychology of Adjustment UGRD 4**  
Examination of psychological concepts and theories related to individual adjustment and adaptation.  
Prereq: 100.

**340 Introduction to Life Span Developmental Psychology UGRD 5**  
A survey of developmental psychology including some phylogenetic perspective.  
Su, Au, Wi, Sp Qtrs. 2 2-hr cl. E340 may be available for honors embedded experience at the regional campuses.

<b>340H</b>	<b>Introduction to Life Span Developmental Psychology</b>	<b>UGRD</b>	<b>5</b>		
	Consideration of theories and research on psychological development across the lifespan; includes consideration of social policies that influence developmental outcomes. Prereq: 100 and honors standing or permission of instructor.				
<b>350</b>	<b>Contemporary Issues in Developmental Psychology</b>	<b>UGRD</b>	<b>3</b>		
	A survey course acquainting students with issues resulting from the social changes of the past decade and from an increased interest in the life span. 3 cl. Prereq: 100.				
<b>367.01</b>	<b>Social Psychology</b>	<b>UGRD</b>	<b>5</b>		
	Survey of group processes as they affect individual behavior; topics include individual motivation, group behavior, attitudes, and perception of self and others. Prereq: 100, English 110 or 111 or equiv, and soph standing or above. Not open to students with credit for 325. GEC second writing course.				
<b>371</b>	<b>Language and the Mind</b>	<b>UGRD</b>	<b>5</b>		
	Introduction to psychological processes for producing and understanding speech, the means by which these processes arise in the child, and their bases in the brain. Au, Wi, Sp Qtrs. 371H (honors) may be available to students enrolled in an honors program or by permission of department or instructor. Prereq: 100, or Linguist 201 or 202 or 601, or permission of instructor. Not open to students with credit for Linguist 271 or 371. Cross-listed in Linguistics. GEC soc sci individuals and groups course.				
<b>375</b>	<b>Stereotyping and Prejudice</b>	<b>UGRD</b>	<b>4</b>		
	Lectures address experimental research in stereotyping and prejudice; readings focus on historical, cultural, and sociological perspectives on issues related to gender, ethnicity, and social class. Prereq: 100. GEC social diversity course.				
<b>376</b>	<b>Interpersonal Relationships</b>	<b>UGRD</b>	<b>5</b>		
	Surveys the scientific literature on interpersonal relationships, including family, friends, and romantic partnerships. 2 2-hr cl. Prereq: 100.				
<b>389</b>	<b>Career Exploration in Psychology</b>	<b>UGRD</b>	<b>3</b>		
	Designed for psychology majors to explore career paths of interest, as well as facilitate vocational development and acquisition of career search skills. Prereq: 100; psych majors only. Credit does not apply to hours in the psychology major. This course is graded S/U.				
<b>394</b>	<b>Group Studies</b>	<b>UGRD</b>	<b>1-5</b>		
	Undergraduate seminar; topics vary and will be announced. ^ Prereq: 100. Repeatable to a maximum of 10 cr hrs. Including cr hrs earned in 294.				
<b>415H</b>	<b>Psychobiology of Aggression</b>	<b>UGRD</b>	<b>5</b>		
	Examination of the biological mechanisms underlying aggression with an emphasis on genes, brain structure, and neurotransmitters to understand animal aggression and human violence.				
<b>420</b>	<b>Psychology Applied to Sport</b>	<b>UGRD</b>	<b>5</b>		
	Psychological factors that influence sport participation and performance; psychological techniques to enhance performance; psychological problems associated with sport. 2 2-hr cl. Prereq: 100.				
<b>425</b>	<b>Attention and Distraction</b>	<b>UGRD</b>	<b>5</b>		
	Survey of research on attention selected for relevance across areas of psychology, including cognition, neuroscience and psychopathology. Topics include alertness, concentration, distraction and attention disorders. Prereq: 100 or permission of instructor.				
<b>462</b>	<b>Psychology of Creativity</b>	<b>UGRD</b>	<b>5</b>		
	A critical examination of conceptual, theoretical, and methodological problems related to the systematic study of creativity; special attention to background factors related to creative behavior. Prereq: 100 or grad standing or permission of instructor.				
<b>465</b>	<b>Cognition: Language and Memory</b>	<b>UGRD</b>	<b>4</b>		
	Explores cognitive processes of language comprehension and memory through readings, class discussion, and demonstration experiments. 2 2-hr cl. Prereq: Soph standing or higher.				
<b>475</b>	<b>The Self</b>	<b>UGRD</b>	<b>5</b>		
	Survey of classic and contemporary theory and research on social psychological study of the self; diverse approaches, and various gender, ethnic, and cross-cultural perspectives. Prereq: 325 or 367.01 or 375.				
<b>485</b>	<b>Psychology and the Law</b>	<b>UGRD</b>	<b>4</b>		
	Contributions of psychological theories to the legal system and the role of mental health professionals in this system. 2 2-hr cl. Prereq: 100 or permission of instructor.				
<b>489</b>	<b>Internship in Psychology</b>	<b>UGRD</b>	<b>4</b>		
	Provides psychology majors with an opportunity to intern in a professional setting to integrate academic knowledge with experience in the world of work. Prereq: 100; psych majors only; jr or sr standing and permission of instructor.				
<b>500</b>	<b>Experimental Psychology</b>	<b>UGRD</b>	<b>5</b>		
	An overview of experimental methodological techniques with experiments selected for cultural value; as preparation for technical study; and to represent paradigms used in human and animal research. 2 cl, 3 lab hrs. Prereq: 100; 220 or 320, or Stat 145 or 245; and 300; and English 110 or 111 or equiv with permission of instructor. Open only to psych majors. GEC third writing course.				
<b>501</b>	<b>Advanced Behavioral Neuroscience</b>	<b>UGRD</b>	<b>4</b>		
	Advanced discussion of contemporary issues in psychobiology, including: synaptic pharmacology, drugs, and behavior, neurodegenerative diseases and the biological bases of psychopathology. Wi Qtr. Prereq: 313.				
<b>503</b>	<b>Introduction to Cognitive Psychology</b>	<b>UGRD</b>	<b>4</b>		
	A study of cognitive processes from an information processing perspective; including attention, memory, language representation, reasoning, problem solving, and others. Prereq: 220 or 320 or 321, or Stat 145 or 245, and 310 or 312, or permission of instructor.				
<b>505</b>	<b>Historical Development of Psychology</b>	<b>UGRD</b>	<b>5</b>		
	Development of psychology from the 19th century to present status as science and profession. Emphasis on contributions and lives of psychologists. 3 1.5-hr cl. Prereq: 100.				
<b>508</b>	<b>Psychology of Judgment and Decision-Making</b>	<b>UGRD</b>	<b>5</b>		
	An overview of current models and empirical research on cognitive processes in human decision-making and judgment under risk or uncertainty. Su, Au, Wi, Sp Qtrs. Field trips may be required. Prereq: 220 or 320, or Stat 145 or 245; or permission of instructor.				
<b>508H</b>	<b>Psychology of Judgment and Decision-Making</b>	<b>UGRD</b>	<b>5</b>		
	An overview of current models and empirical research on cognitive processes in human decision-making and judgment under risk or uncertainty. Prereq: 220 or 320, or Stat 145 or 245, and honors standing or permission of instructor.				
<b>510</b>	<b>Research Methods in Cognitive Psychology</b>	<b>UGRD</b>	<b>5</b>		
	Issues in experimental design; laboratory experiments include topics such as memory, perception, and attention. 2 cl, 1 3-hr lab. Prereq: 100; 220 or 320, or Stat 145 or 245; and 300 and jr or sr standing. Open only to psych majors. GEC third writing course.				
<b>511</b>	<b>Psychological Testing</b>	<b>UGRD</b>	<b>4</b>		
	An overview of theoretical and practical aspects of the assessment and prediction of human behavior; topics include achievement, intelligence, personality, attitudes, interests, and interpersonal relations. 2 2-hr cl. Prereq: 100; 220 or 320 or 321 or Stat 145 or 245. Not open to students with credit for 597.02.				
<b>512H</b>	<b>Human Memory and Cognition</b>	<b>UGRD</b>	<b>5</b>		
	Provides an overview of memory and cognition with a focus on simple memory models. Prereq: Math 151 or equiv; enrollment in an honors program or by permission of instructor.				
<b>513</b>	<b>Introduction to Cognitive Neuroscience</b>	<b>UGRD</b>	<b>4</b>		
	Examination of the neuroscientific approach to the study of cognition; primary focus on the psychobiology of memory, attention, language, and spatial orientation. Prereq: 313 or permission of instructor.				
<b>515</b>	<b>Psychology of Emotions</b>	<b>UGRD</b>	<b>5</b>		
	An examination of emotion focusing on how emotions are interconnected to other basic psychological processes such as cognition, motivation, decision making, and well-being. 2 2-hr cl. Prereq: 100 and 300.				
<b>518</b>	<b>Attitudes: Structure, Function, and Consequences</b>	<b>UGRD</b>	<b>4</b>		
	Survey of theory and evidence related to the structure and functional value of attitudes and their effects on information processing, judgments, and behavior. Prereq: 325 or 367.01 or 375 or 376 or grad standing.				
<b>520</b>	<b>Experimental Social Psychology</b>	<b>UGRD</b>	<b>5</b>		
	Training in experimental and qualitative methods in social psychology. Au, Wi, Sp Qtrs. 2 cl, 4 lab hrs. Prereq: 100; 220 or 221 or 320 or Stat 145 or 245; 300 and 325 or 367.01 or permission of instructor. Open only to psych majors. GEC third writing course.				
<b>521</b>	<b>Personnel Psychology</b>	<b>UGRD</b>	<b>4</b>		
	Overview of theory, method, and practices of personnel psychology: job analysis, recruiting, personnel section, performance appraisal, and training. Prereq: 100; 220 or 320, or Stat 145 or 245.				

<b>522</b>	<b>Organizational Psychology</b>	<b>UGRD</b>	<b>4</b>	Overview of theory, method, and practice of organizational psychology: motivation, job attitudes, leadership, groups, organizational design. Prereq: 100; 220 or 320 or Stat 145 or 245.
<b>525</b>	<b>Psychology of Personal Security: Global and Local Perspectives</b>	<b>UGRD</b>	<b>5</b>	Surveys the diverse psychological literature on personal security, a key ingredient in psychological well-being. Wi Qtr. 2 cl. Prereq: 100.
<b>530</b>	<b>Psychology of Personality</b>	<b>UGRD</b>	<b>4</b>	Major theoretical and research orientations in the study of personality; consideration of psychological processes involved in the attribution of personality characteristics. Su, Au, Wi, Sp Qtrs. 3 cl. Prereq: 100.
<b>531</b>	<b>Health Psychology</b>	<b>UGRD</b>	<b>4</b>	Introduction to health psychology; health-promoting and health-damaging behaviors; modification of health behaviors; stress and coping; management of illness; stress management strategies. Prereq: 100. Not open to students with credit for 531.03.
<b>532</b>	<b>Clinical Psychological Science</b>	<b>UGRD</b>	<b>5</b>	Surveys the scientific foundations of clinical psychological interventions and assessment techniques and considers their implications for the profession of clinical psychology. Au, Sp Qtrs. 2 2.5-hr cl. Prereq: 331. Not open to students with credit for 332.
<b>539</b>	<b>Stress, Social Support, and the Professional Helper</b>	<b>UGRD</b>	<b>3</b>	Stress at work and elsewhere; emphasis on treatment through social support. Designed for health professionals, personnel workers, teachers, and related specialists in human services. ^ Prereq: 100. Not open to students with credit for 640. Available at Newark campus.
<b>540</b>	<b>Counseling Psychology: An Introduction</b>	<b>UGRD</b>	<b>4</b>	Introduction to the theories, research, and practice of counseling psychology. Su, Au, Wi, Sp Qtrs. Prereq: 100.
<b>543</b>	<b>Psychology of Women</b>	<b>UGRD</b>	<b>5</b>	Exploration of the nature and causes of sex differences in behavior patterns and factors influencing development of women through psychological theory and research Prereq: 100.
<b>545</b>	<b>Cross- Cultural Psychology</b>	<b>UGRD</b>	<b>4</b>	Introduction to cross-cultural theories and research in various specialties in psychology (e.g., social, developmental, and abnormal psychology). Prereq: 100.
<b>550</b>	<b>Psychology of Childhood</b>	<b>UGRD</b>	<b>4</b>	Presentation of psychological aspects of growth and development in early and middle childhood. Su, Au, Wi, Sp Qtrs. Prereq: 100.
<b>550H</b>	<b>Psychology of Childhood</b>	<b>UGRD</b>	<b>4</b>	Presentation of psychological aspects of growth and development in early and middle childhood. Prereq: 100 and honors standing or permission of instructor.
<b>551</b>	<b>Adolescence</b>	<b>UGRD</b>	<b>5</b>	An examination of the biological, psychological, and social aspects of normal adolescent development. Su, Au, Wi, Sp Qtrs. Prereq: 100.
<b>552</b>	<b>Psychology of the Adult Years</b>	<b>UGRD</b>	<b>3</b>	Theory and research related to adulthood as a sequence of psychological stages involving adjustment and coping behaviors; relationship of adulthood to other life-span stages. Prereq: 100.
<b>554</b>	<b>Language Development</b>	<b>UGRD</b>	<b>5</b>	A survey of children's language acquisition, including phonemes, words, morphology, and syntax. Roles for universal grammar, linguistic input, social interaction, and statistical learning are considered. Au Qtr. 2 2-hr cl. Prereq: 100 or Linguist 201 or permission of instructor.
<b>555</b>	<b>Adolescent Sexuality</b>	<b>UGRD</b>	<b>5</b>	An examination of the psychological, biological, and social influences on adolescent sexuality. Prereq: 100.
<b>560</b>	<b>Educational Psychology</b>	<b>UGRD</b>	<b>3</b>	Critical appraisal of the implications for education of modern psychological findings in advanced educational psychology. Prereq: 100. Available at Marion campus.
<b>571</b>	<b>Psychology of Developmental Disabilities</b>	<b>UGRD</b>	<b>4</b>	Overview of developmental disabilities including causes, nature, and psychological characteristics; diagnosis and psychometric assessments; and behavioral, psycho-educational, and biological forms of prevention and intervention. Arr 20-hr practicum at select off-campus sites involving active, hands-on experience. Prereq: 100 or permission of instructor.
<b>594</b>	<b>Group Studies</b>	<b>UGRD</b>	<b>1-5</b>	Topics vary from quarter to quarter and will be announced at least one month in advance. 594H (honors) may be available to students enrolled in an honors program or by permission of department or instructor. Prereq: 100. Repeatable to a maximum of 10 cr hrs.
<b>597.01</b>	<b>Contemporary World: Drugs, Behavior and Modern Society</b>	<b>UGRD</b>	<b>5</b>	An examination of drugs, their psychological and biological effects, and their widespread use (medicinal, recreational, ceremonial) and abuse in contemporary society. 2 2-hr cl, 1 hr recitation. Prereq: 100 and jr or sr standing or permission of instructor. Not open to students with credit for 305. GEC contemporary world courses. At least one GEC natural science course is recommended.
<b>597.02</b>	<b>Contemporary World: Testing in Modern Society</b>	<b>UGRD</b>	<b>5</b>	Addresses the history and role of testing, both standardized and otherwise, in the United States and across the globe. 2 2-hr cl. Prereq: Jr or sr standing. Not open to students with credit for 511. GEC contemporary world courses.
<b>597.03</b>	<b>Contemporary World: Aging, Health, and Psychological Functioning in the Modern World</b>	<b>UGRD</b>	<b>5</b>	Addresses primary psychological and physiological changes associated with aging, implications for aging in the modern world, and world perspectives on aging. 2 2-hr cl. Prereq: Jr or sr standing and 100 or permission of instructor. GEC contemporary world courses.
<b>597.04</b>	<b>Contemporary World: Technology, Efficiency and Happiness</b>	<b>UGRD</b>	<b>5</b>	Course will consider various dimensions for evaluating the behavioral effects of any technology: efficiency, safety, time cost, complexity, environmental impact, social impact. 2 2-hr cl. Prereq: Jr or sr standing. GEC contemporary world course.
<b>600</b>	<b>Psychology of Learning</b>	<b>UGRD</b>	<b>5</b>	The study of principles which underlie the discovery, fixation, and retention of behavior; emphasis on theoretical formulation of the conditions necessary for learning and remembering. Prereq: 100 and jr or sr standing.
<b>601</b>	<b>Advanced Comparative Psychology</b>	<b>UGRD</b>	<b>5</b>	Research on animal behavior by psychologists and ethologists; studies of the behavioral differences between species. 2 2-hr cl. Prereq: 313 or permission of instructor.
<b>602</b>	<b>Psychology of Listening and Reading</b>	<b>UGRD</b>	<b>3</b>	Introductory survey of work on reading and the perception of speech; emphasis is on reading with a focus on the underlying perceptual and cognitive processes. ^ 2 1.5-hr cl. Prereq: 100 or grad standing or permission of instructor.
<b>603</b>	<b>Visual Perception</b>	<b>UGRD</b>	<b>3</b>	Principles, theories, and methods relevant to the study of visual perception; emphasis on the availability and usefulness of visual information. Prereq: 310 or grad standing or permission of instructor.
<b>606</b>	<b>High-Level Vision</b>	<b>UGRD</b>	<b>4</b>	Visual perception of solid shape, models of object recognition, perception of self-motion and of action. Prereq: 310 or grad standing or permission of instructor.
<b>608</b>	<b>Introduction to Mathematical Psychology</b>	<b>UGRD</b>	<b>4</b>	Survey of current topics in mathematical psychology; topics include measurement theory, scaling, utility theory, subjective probability, decision making in uncertain situations, choice theory. Prereq: 321 or equiv, or permission of instructor.
<b>609</b>	<b>Introduction to Mathematical Models in Experimental Psychology</b>	<b>UGRD</b>	<b>4</b>	A survey of mathematical models and theories in important areas of experimental psychology; models of perceptual and cognitive processes, memory, and learning. ^ Prereq: 321; or grad standing or permission of instructor.
<b>610</b>	<b>Contemporary Mathematical Models and Theories in Psychology</b>	<b>UGRD</b>	<b>4</b>	Topics include axiomatic, geometric, conjoint measurement, functional measurement, and artificial intelligence models. ^ Prereq: 321 and 608; or grad standing or permission of instructor.

<b>612</b>	<b>Introduction to Cognitive Science</b>	<b>UGRD</b>	<b>3</b>	<b>646</b>	<b>Psychology of Asian Americans: Children, Youth, and Families</b>	<b>UGRD</b>	<b>5</b>
Cognitive science is an interdisciplinary study of the nature of human thought; psychological, philosophical, linguistic, and artificial intelligence approaches to knowledge representation. Prereq: Permission of instructor or a total of 12 cr hrs from at least two of the following areas: cptr/inf, linguist, philos, and psych. Not open to students with credit for 794 (Sp Qtr 1989) or 794A (Wi Qtr 1990), Cptr/Inf 612, Linguist 612, Philos 612. Cross-listed in Computer and Information Science, Linguistics, and Philosophy.				Explores the role of culture in development and adaptation through examination of psychological theories and research concerning Asian American children, youth, and families. * 2 2-hr cl. Prereq: 100 or grad standing or permission of instructor. GEC social diversity course.			
<b>613H</b>	<b>Biological Bases of Psychopathology</b>	<b>UGRD</b>	<b>4</b>	<b>650</b>	<b>Psychobiology of Stress</b>	<b>UGRD</b>	<b>4</b>
Provides a contemporary overview of the biological bases of several significant psychopathologies, including: mood disorders, schizophrenia, and PTSD/dissociative identity disorders. Sp Qtr. Prereq: 501 or permission of instructor.				Explores the effects of stress on physiological and behavioral systems and processes in humans and non-human animals. Au Qtr. 2 2-hr cl. Prereq: 313 or permission of instructor.			
<b>615</b>	<b>Psychology of Language</b>	<b>UGRD</b>	<b>3</b>	<b>681</b>	<b>Development and Psychopathology</b>	<b>UGRD</b>	<b>5</b>
An introduction to high-level language processing, including word recognition, sentence understanding, and discourse processing. ^ Prereq: Linguist 201 or 202 or 601 or permission of instructor.				Examines theories and research on psychopathology (e.g., autism) during infancy, childhood, and adolescence from a developmental-contextual perspective; emphasis on description, prevalence, etiology, prognosis, and assessment. 3 cl, 1 hr diagnostic team meeting. Prereq: 100 and 550 or permission of instructor.			
<b>616</b>	<b>Psychological Scaling</b>	<b>UGRD</b>	<b>4</b>	<b>684</b>	<b>Psychology of Delinquency</b>	<b>UGRD</b>	<b>5</b>
Theory and applications of unidimensional and multidimensional scaling methods for proximity and preference data; emphasis on multidimensional scaling. ^ Prereq: 608 or grad standing.				Characterization, risk and protective factors, and treatment; emphasis on current theories and research. Prereq: 551 or permission of instructor.			
<b>617</b>	<b>Neural Network Models in Psychology</b>	<b>UGRD</b>	<b>4</b>	<b>693.01</b>	<b>Individual Studies: Clinical Psychology</b>	<b>UGRD</b>	<b>1-15</b>
Basic principles of neural network modeling and their applications in perception, memory, and language. 1 2-hr cl, 1 2-hr cptr lab. Prereq: 321 and 608, or grad standing or permission of instructor. Course requires knowledge of calculus and matrix algebra.				Individual reading or research projects by special agreement between instructor and student. Prereq: 300, an additional 9 cr hrs of psych, and permission of instructor. Repeatable to a maximum of 30 cr hrs for undergrads and to a maximum of 45 cr hrs for grads in any combination of decimal subdivisions. Maximum 6 credit hours may be applied to the undergraduate major in psychology. This course is graded S/U.			
<b>618</b>	<b>Introduction to Computational Cognitive Neuroscience</b>	<b>UGRD</b>	<b>4</b>	<b>693.02</b>	<b>Individual Studies: Counseling Psychology</b>	<b>UGRD</b>	<b>1-15</b>
Biologically plausible models of perception, memory, language, and high-level cognition. Hands-on exercises with a state-of-the-art neural network simulator. Interdisciplinary emphasis. Au Qtr. Prereq: 310 or 312 or graduate standing or permission of instructor. 612 recommended. Not open to students with credit for 878 in Winter 2009.				Individual reading or research projects by special agreement between instructor and student. Prereq: 300, an additional 9 cr hrs of psych, and permission of instructor. Repeatable to a maximum of 30 cr hrs for undergrads and to a maximum of 45 cr hrs for grads in any combination of decimal subdivisions. Maximum 6 credit hours may be applied to the undergraduate major in psychology. This course is graded S/U.			
<b>619</b>	<b>Visual Information Processing</b>	<b>UGRD</b>	<b>5</b>	<b>693.03</b>	<b>Individual Studies: Developmental Psychology</b>	<b>UGRD</b>	<b>1-15</b>
Rapid visual decisions: how the visual representation is formed, stored, and interpreted, enabling one to read, drive, and look for and compare visual objects. ^ Prereq: 100 and an additional 7 cr hrs of psych beyond the 300 level (310 or 312 or 500 recommended).				Individual reading or research projects by special agreement between instructor and student. Prereq: 300, an additional 9 cr hrs of psych, and permission of instructor. Repeatable to a maximum of 30 cr hrs for undergrads and to a maximum of 45 cr hrs for grads in any combination of decimal subdivisions. Maximum 6 credit hours may be applied to the undergraduate major in psychology. This course is graded S/U.			
<b>620</b>	<b>Human Performance</b>	<b>UGRD</b>	<b>5</b>	<b>693.04</b>	<b>Individual Studies: Human Experimental Psychology</b>	<b>UGRD</b>	<b>1-15</b>
Research and theory on perceptual, cognitive, and motor processes that limit performance; topics include memory, attention, pattern discrimination, motor control. Prereq: 100 or grad standing or permission of instructor (310 or 312 or 500 recommended).				Individual reading or research projects by special agreement between instructor and student. Prereq: 300, an additional 9 cr hrs of psych, and permission of instructor. Repeatable to a maximum of 30 cr hrs for undergrads and to a maximum of 45 cr hrs for grads in any combination of decimal subdivisions. Maximum 6 credit hours may be applied to the undergraduate major in psychology. This course is graded S/U.			
<b>623</b>	<b>Biological Clocks and Behavior</b>	<b>UGRD</b>	<b>4</b>	<b>693.05</b>	<b>Individual Studies: Industrial Psychology</b>	<b>UGRD</b>	<b>1-15</b>
Biological rhythms of animals and humans, including ultradian, daily, lunar, tidal and annual cycles; role of nervous and endocrine systems in relation to behavioral rhythm. Prereq: 313 or permission of instructor.				Individual reading or research projects by special agreement between instructor and student. Prereq: 300, an additional 9 cr hrs of psych, and permission of instructor. Repeatable to a maximum of 30 cr hrs for undergrads and to a maximum of 45 cr hrs for grads in any combination of decimal subdivisions. Maximum 6 credit hours may be applied to the undergraduate major in psychology. This course is graded S/U.			
<b>624</b>	<b>Psychology of Monkeys and Apes</b>	<b>UGRD</b>	<b>5</b>	<b>693.06</b>	<b>Individual Studies: Quantitative Psychology</b>	<b>UGRD</b>	<b>1-15</b>
Research about monkeys and apes with emphasis on their learning, arts, memory, curiosity, language, and neuropsychological problems. 2 1.5-hr cl, 2 1-hr rec. Prereq: 100 or grad standing or permission of instructor.				Individual reading or research projects by special agreement between instructor and student. Prereq: 300, an additional 9 cr hrs of psych, and permission of instructor. Repeatable to a maximum of 30 cr hrs for undergrads and to a maximum of 45 cr hrs for grads in any combination of decimal subdivisions. Maximum 6 credit hours may be applied to the undergraduate major in psychology. This course is graded S/U.			
<b>625</b>	<b>Introduction to Auditory Perception</b>	<b>UGRD</b>	<b>3</b>	<b>693.07</b>	<b>Individual Studies: Social Psychology</b>	<b>UGRD</b>	<b>1-15</b>
Theory and research in auditory perception; traditional psychoacoustic and new ecological approaches. Prereq: 100; and 219 or 220 or 320, or Stat 145 or 245; and 310 or grad standing or permission of instructor.				Individual reading or research projects by special agreement between instructor and student. Prereq: 300, an additional 9 cr hrs of psych, and permission of instructor. Repeatable to a maximum of 30 cr hrs for undergrads and to a maximum of 45 cr hrs for grads in any combination of decimal subdivisions. Maximum 6 credit hours may be applied to the undergraduate major in psychology. This course is graded S/U.			
<b>630</b>	<b>Psychology of Public Attitudes</b>	<b>UGRD</b>	<b>3</b>				
Attitude organization and change; study of the determinants of attitude. * Prereq: 219 or 220 or 320 or Stat 145 or 245; and 325 or 367.01 or grad standing.							
<b>632</b>	<b>Sensory Evaluation</b>	<b>UGRD</b>	<b>4</b>				
Fundamentals of sensory evaluation and the perception of taste, smell, and flavor. Emphasis on statistical interpretation and industrial application. 3 cl, 1 2-hr lab. Prereq: Stat 135 or 145 or 245 or AED Econ 205 or H&CS 260 or Anim Sci 260 or Agr Educ 387 or Nat Res 222 or Psych 320 and familiarity with Excel. Not open to students with credit for FdSc&Te 632. Cross-listed in Food Science and Technology.							
<b>644</b>	<b>Hormones and Behavior</b>	<b>UGRD</b>	<b>4</b>				
Exploration of the interactions among hormones, brain, and behavior through an integrative approach. Prereq: 313 or grad standing or permission of instructor.							

- 693.08 Individual Studies: Psychobiology** **UGRD 1-15**  
Individual reading or research projects by special agreement between instructor and student.  
Prereq: 300, an additional 9 cr hrs of psych, and permission of instructor. Repeatable to a maximum of 30 cr hrs for undergrads and to a maximum of 45 cr hrs for grads in any combination of decimal subdivisions. Maximum 6 credit hours may be applied to the undergraduate major in psychology. This course is graded S/U.
- 693.09 Individual Studies: Mental Retardation and Developmental Disabilities** **UGRD 1-15**  
Individual reading or research projects by special agreement between instructor and student.  
Prereq: 300, an additional 9 cr hrs of psych, and permission of instructor. Repeatable to a maximum of 30 cr hrs for undergrads and to a maximum of 45 cr hrs for grads in any combination of decimal subdivisions. Maximum 6 credit hours may be applied to the undergraduate major in psychology. This course is graded S/U.
- 695.01 Seminars in Psychology: Clinical** **UGRD 2-5**  
Prereq: Written permission of instructor; either 219 or 220 or 320, or Stat 145 or 245; and 17 cr hrs of psych course work above the 200 level; or grad standing. No more than 6 cr hrs in any combination of decimal subdivisions may be counted toward the undergrad major. Repeatable.
- 695.02 Seminars in Psychology: Counseling** **UGRD 2-5**  
Prereq: Written permission of instructor; either 219 or 220 or 320, or Stat 145 or 245; and 17 cr hrs of psych course work above the 200 level; or grad standing. No more than 6 cr hrs in any combination of decimal subdivisions may be counted toward the undergrad major. Repeatable.
- 695.03 Seminars in Psychology: Developmental** **UGRD 2-5**  
Prereq: Written permission of instructor; either 219 or 220 or 320, or Stat 145 or 245; and 17 cr hrs of psych course work above the 200 level; or grad standing. No more than 6 cr hrs in any combination of decimal subdivisions may be counted toward the undergrad major. Repeatable.
- 695.04 Seminars in Psychology: Human Experimental** **UGRD 2-5**  
Prereq: Written permission of instructor; either 219 or 220 or 320, or Stat 145 or 245; and 17 cr hrs of psych course work above the 200 level; or grad standing. No more than 6 cr hrs in any combination of decimal subdivisions may be counted toward the undergrad major. Repeatable.
- 695.06 Seminars in Psychology: Quantitative** **UGRD 2-5**  
Prereq: Written permission of instructor; either 219 or 220 or 320, or Stat 145 or 245; and 17 cr hrs of psych course work above the 200 level; or grad standing. No more than 6 cr hrs in any combination of decimal subdivisions may be counted toward the undergrad major. Repeatable.
- 695.07 Seminars in Psychology: Social** **UGRD 2-5**  
Prereq: Written permission of instructor; either 219 or 220 or 320, or Stat 145 or 245; and 17 cr hrs of psych course work above the 200 level; or grad standing. No more than 6 cr hrs in any combination of decimal subdivisions may be counted toward the undergrad major. Repeatable.
- 695.08 Seminars in Psychology: Psychobiology** **UGRD 1-5**  
Prereq: Written permission of instructor; either 219 or 220 or 320, or Stat 145 or 245; and 17 cr hrs of psych course work above the 200 level; or grad standing. No more than 6 cr hrs in any combination of decimal subdivisions may be counted toward the undergrad major. Repeatable.
- 697 Study at a Foreign Institution** **UGRD 1-15**  
An opportunity for students to study at a foreign institution and receive Ohio State credit for that work.  
Su, Au, Wi, Sp Qtrs. Arr. Prereq: 100 and written permission of dept chairperson. Repeatable to a maximum of 45 cr hrs. This course is Progress (P) graded. Students will pay Ohio State fees and any fees in excess of Ohio State tuition, as well as all travel and subsistence costs.
- 699 Undergraduate Research in Psychology** **UGRD 1-15**  
Supervised, collaborative research in psychology.  
Su, Au, Wi, Sp Qtrs. Arr. Prereq: 100 and permission of instructor. Repeatable to a maximum of 15 cr hrs. No more than 6 hrs (together with Psych 693.0x and Psych 489) may be counted toward psychology major requirements. This course is graded S/U.
- 708 Psychology of Judgment and Decision Making** **GRAD 5**  
Introductory graduate course in the psychology of judgment and decision making including applications to health, law, economics, environmental issues, and social, cognitive, and clinical psychology.  
Au Qtr. 2 2-hr cl. Prereq: Concurrent enrollment in or completion of graduate-level course in statistical methods.
- 717.01 Family Systems: An Interdisciplinary Approach to Families of Handicapped Children** **UGRD 3**  
Focus on interdisciplinary topics in mental retardation and developmental disabilities. Qualitative and quantitative approaches for resource and problem identification with families of handicapped children, effective parenting skills, strategies to follow at-risk families, and family intervention models.  
Prereq: Permission of instructor. Not open to students with credit for 717.01 in any of the cross-listed areas. Cross-listed in Allied Medicine, Education: Physical Activity and Educational Services, Human Development and Family Science, Human Nutrition Nursing, Social Work, and Speech and Hearing Science.
- 717.02 The Interdisciplinary Team: Clinical and Administrative Issues** **UGRD 3**  
Focus on interdisciplinary topics in mental retardation and developmental disabilities. Investigation and critical examination of function of interdisciplinary clinical and administrative teams in mental retardation and developmental disabilities.  
Prereq: Permission of instructor. Not open to students with credit for 717.02 in any of the cross-listed areas. Cross-listed in Allied Medicine, Education: Physical Activity and Educational Services, Human Development and Family Science, Human Nutrition Nursing, Social Work, and Speech and Hearing Science.
- 717.03 Developmental Disabilities** **UGRD 3**  
Focus on interdisciplinary topics in mental retardation and developmental disabilities. Focus on the most pertinent scientific and societal issues of developmental disabilities  
Prereq: Permission of instructor. Not open to students with credit for 717.03 in any of the cross-listed areas. Cross-listed in Allied Medicine, Education: Physical Activity and Educational Services, Human Development and Family Science, Human Nutrition Nursing, Social Work, and Speech and Hearing Science.
- 726 Introduction to Behavioral Neuroscience** **UGRD 5**  
Team-taught seminar on selected topics from contemporary research areas in the field of behavior neuroscience.  
Su Qtr. 3 hrs wk (2 1.5-hr cl). Prereq: Permission of instructor. Cross-listed in Neuroscience Graduate Studies Program.
- 737 Proseminar in Cognitive Science** **UGRD 3**  
An in-depth examination of the interdisciplinary field of cognitive science; emphasize fundamental issues of each discipline, provides illustrations of representative research being conducted at OSU.  
Prereq: Grad standing or permission of instructor. Cross-listed in CS&E Industrial Systems Engineering, Linguistics, Philosophy, and Speech and Hearing Science. Repeatable to a maximum of 4 cr hrs.
- 783.01H Honors Research** **UGRD 3**  
A program of readings, conferences, and reports selected to aid the student in completing a senior honors thesis.  
Sp Qtr. Repeatable to a maximum of 9 cr hrs. Prereq: Candidate for degree with distinction.
- 783.02H Honors Research** **UGRD 3**  
A program of readings, conferences, and reports selected to aid the student in completing a senior honors thesis.  
Au Qtr. Repeatable to a maximum of 9 cr hrs. Prereq: Candidate for degree with distinction.
- 783.03H Honors Research** **UGRD 3**  
A program of readings, conferences, and reports selected to aid the student in completing a senior honors thesis.  
Wi Qtr. Repeatable to a maximum of 9 cr hrs. Prereq: Candidate for degree with distinction.
- 788 Laboratory in Attitude Measurement** **UGRD 3**  
Laboratory in Attitude Measurement.  
^\* 1 cl, 4 lab hrs. Prereq: Written permission of instructor.
- 789 Survey Research Practicum** **GRAD 5**  
Hands-on applications for students interested in the planning, implementation, and analysis of a scientific sample survey.  
Prereq: Admission to grad interdisciplinary specialization in survey research or permission of instructor. Not open to students with credit for 789 in AED Econ, Agr Educ, Bus-Mktg, Econ, Educ P&L, Geog, J Com, Polit Sc, Pub Hlth, PubPol&M, Sociol, or Stat. Cross-listed in AED Econ, Agr Educ, Bus-Mktg, Econ, Edu P&L, Geog, J Com, Polit Sc, Pub Hlth, PubPol&M, Sociol, and Stat.
- 794 Group Studies** **UGRD 1-5**  
The topics vary from quarter to quarter and will be announced at least one month in advance.  
Prereq: 15 cr hrs in psych at the 500 level or above and permission of instructor.
- 800 Advanced Experimental Laboratory** **GRAD 3-15**  
Advanced training in the experimental and quantitative methods in the several areas of general experimental psychology and comparative psychology.  
Prereq: Permission of instructor. Repeatable to a maximum of 15 cr hrs.

<b>804</b>	<b>Topics in Advanced Comparative Psychology</b>	<b>GRAD</b>	<b>3</b>		
	Contemporary literature in comparative psychology; topics vary every quarter. Au, Wi, Sp Qtrs. Repeatable to a maximum of 15 cr hrs.				
<b>806</b>	<b>Survey of Behavioral Neuroscience I</b>	<b>GRAD</b>	<b>3</b>		
	The first in a three quarter sequence surveying the field of behavioral neuroscience. Covers basic neuroscience, with emphasis on normal and dysfunctional behavior. 3 cl.				
<b>807</b>	<b>Survey of Behavioral Neuroscience II</b>	<b>GRAD</b>	<b>3</b>		
	Behavioral neuroscience of motivation and emotion. Topics include reward, pain and aversion, hunger and food intake, stress and anxiety, psychophysiology, psychoneuroimmunology, and clinical syndromes. 3 cl. Prereq: 806.				
<b>808</b>	<b>Survey of Behavioral Neuroscience III</b>	<b>GRAD</b>	<b>3</b>		
	Behavioral neuroscience of cognition, learning, memory, and language. Topics include cognitive neurosciences and neuropsychology, cortical functions, consequences of brain damage, and the dementias. 3 cl. Prereq: 807.				
<b>809</b>	<b>History and Systems of Psychology</b>	<b>GRAD</b>	<b>3</b>		
	Development of psychology from the philosophical antecedents to its present status as a science and a profession; assignments in original sources as far as possible. Prereq: 16 cr hrs in psych.				
<b>811</b>	<b>Seminar in Experimental Psychology</b>	<b>GRAD</b>	<b>2</b>		
	Seminar in Experimental Psychology. Prereq: Permission of instructor. Repeatable to a maximum of 30 cr hrs.				
<b>814</b>	<b>Psychological Issues in Knowledge Representation</b>	<b>GRAD</b>	<b>3</b>		
	Psychological approaches to how knowledge is represented by humans, including empirical and architectural constraints, format differences, generalization abilities, and development of representations. * 1 2-hr cl, 1 hr arr.				
<b>815</b>	<b>Decision Processes</b>	<b>GRAD</b>	<b>4</b>		
	Introductory course in the application of statistical decision theory as a normative model and analytic technique in the experimental study of cognitive processes. * Prereq: Grad standing in psych, undergrad inferential statistics strongly recommended.				
<b>816</b>	<b>Human Performance Theory</b>	<b>GRAD</b>	<b>4</b>		
	Research and theory on the discrete and on the continuous cases of human information processing; topics include input processes, central processing functions, and output processes. * Prereq: 620 or written permission of instructor.				
<b>819.04</b>	<b>Seminars in Industrial and Organizational Psychology: Theoretical Developments and Issues</b>	<b>GRAD</b>	<b>3</b>		
	Theoretical Developments and Issues. Prereq: Permission of instructor. Repeatable to a maximum of 15 cr hrs.				
<b>820</b>	<b>Fundamentals of Factor Analysis</b>	<b>GRAD</b>	<b>4</b>		
	Basic Common Factor Model and its application in psychology; model, communality estimation, factor extraction, orthogonal and oblique rotation, factor scores, confirmatory factor analysis use of computer programs. Prereq: Permission of instructor.				
<b>821</b>	<b>Fundamentals of Item Response Theory</b>	<b>GRAD</b>	<b>4</b>		
	This course will introduce the basic concepts underlying item response theory and provide an overview of more advanced topics. 1 2.5-hr cl. Prereq: 828 or permission of instructor.				
<b>824.01</b>	<b>Seminars in Psychological Measurement: Models for Psychophysics</b>	<b>GRAD</b>	<b>2-4</b>		
	Models for Psychophysics. Repeatable to a maximum of 10 cr hrs.				
<b>824.02</b>	<b>Seminars in Psychological Measurement: Models for Measurement and Scaling</b>	<b>GRAD</b>	<b>2-4</b>		
	Models for Measurement and Scaling. Repeatable to a maximum of 10 cr hrs.				
<b>824.03</b>	<b>Seminars in Psychological Measurement: Models for Interpersonal Analysis</b>	<b>GRAD</b>	<b>2-4</b>		
	Models for Interpersonal Analysis. Repeatable to a maximum of 10 cr hrs.				
<b>826</b>	<b>Statistics in Psychology</b>	<b>GRAD</b>	<b>4</b>		
	Basic concepts of descriptive and inferential statistics; includes estimation, hypothesis testing, and introductory treatment of analysis of variance, correlation and regression, and non-parametric techniques. 2 1.5-hr cl, 2 lab hrs. Prereq: 320, or Stat 145, or equiv and grad standing in psych, or permission of instructor.				
<b>827</b>	<b>Analysis of Variance</b>	<b>GRAD</b>	<b>4</b>		
	Statistical inference in analysis of variance designs; basic concepts and procedures in one-way designs; factorial, repeated measures, randomized blocks, mixed models designs; procedures for planned and post hoc comparisons. 2 1.5-hr cl, 2 lab hrs. Prereq: 826 or equiv.				
<b>828</b>	<b>Correlational Analysis</b>	<b>GRAD</b>	<b>4</b>		
	Correlation and regression techniques for quantitative and qualitative data analysis; simple linear regression and correlation, multiple linear regression, nominal scales, interactions; other related multivariate methods; use of computer programs. 2 1.5-hr cl, 2 lab hrs. Prereq: 827 or equiv.				
<b>830</b>	<b>Covariance Structure Models</b>	<b>GRAD</b>	<b>4</b>		
	Theory and methods of testing models of covariance structures; general mathematical model, identification, parameter estimation, goodness of fit, model modification, and the use of computer programs such as LISREL. Prereq: 820 and 828, or permission of instructor.				
<b>831.01</b>	<b>Seminars in Psychological Statistics: Analysis of Variance</b>	<b>GRAD</b>	<b>1-5</b>		
	Prereq: Permission of instructor. Repeatable to a maximum of 40 cr hrs.				
<b>831.02</b>	<b>Seminars in Psychological Statistics: Experimental Design</b>	<b>GRAD</b>	<b>1-5</b>		
	Prereq: Permission of instructor. Repeatable to a maximum of 40 cr hrs.				
<b>831.03</b>	<b>Seminars in Psychological Statistics: Factor Analysis</b>	<b>GRAD</b>	<b>1-5</b>		
	Prereq: Permission of instructor. Repeatable to a maximum of 40 cr hrs.				
<b>831.04</b>	<b>Seminars in Psychological Statistics: Mathematical Models and Theory</b>	<b>GRAD</b>	<b>1-5</b>		
	Prereq: Permission of instructor. Repeatable to a maximum of 40 cr hrs.				
<b>831.05</b>	<b>Seminars in Psychological Statistics: Non-Parametric Statistics</b>	<b>GRAD</b>	<b>1-5</b>		
	Prereq: Permission of instructor. Repeatable to a maximum of 40 cr hrs.				
<b>831.06</b>	<b>Seminars in Psychological Statistics: Quasi-Experimental Design</b>	<b>GRAD</b>	<b>1-5</b>		
	Prereq: Permission of instructor. Repeatable to a maximum of 40 cr hrs.				
<b>831.07</b>	<b>Seminars in Psychological Statistics: Advanced Multivariate Analysis</b>	<b>GRAD</b>	<b>1-5</b>		
	Prereq: Permission of instructor. Repeatable to a maximum of 40 cr hrs.				
<b>831.08</b>	<b>Seminars in Psychological Statistics: Current Practices and Trends</b>	<b>GRAD</b>	<b>1-5</b>		
	Prereq: Permission of instructor. Repeatable to a maximum of 40 cr hrs.				
<b>831.09</b>	<b>Seminars in Psychological Statistics: Computer Simulation Research</b>	<b>GRAD</b>	<b>1-5</b>		
	Prereq: Permission of instructor. Repeatable to a maximum of 40 cr hrs.				
<b>831.10</b>	<b>Seminars in Psychological Statistics: Special Topics</b>	<b>GRAD</b>	<b>1-5</b>		
	Prereq: Permission of instructor. Repeatable to a maximum of 40 cr hrs.				
<b>832</b>	<b>Lifespan Sociomoral Development</b>	<b>GRAD</b>	<b>5</b>		
	Cognitive, emotional and cross-cultural aspects of moral development and social behavior across the life span. Emphasis on current findings, basic theoretical issues and applied topics (e.g. treatment of antisocial behavior).				
<b>834</b>	<b>Psychology of Infancy</b>	<b>GRAD</b>	<b>3</b>		
	Psychological development during the first four years of life with particular reference to neonatal period and research methodology in studies involving infants.				
<b>835</b>	<b>Child Development</b>	<b>GRAD</b>	<b>3</b>		
	Major developmental aspects of childhood; review of theory, methodology, research studies, and historical and contemporary writing about children; consideration of interdisciplinary approaches.				
<b>836</b>	<b>Adolescence</b>	<b>GRAD</b>	<b>3</b>		
	Comprehensive view of adolescence as a stage in human development; theory, methodology, research and application to family, school and community; relation to other developmental stages. Not open to students with credit for 836.01.				
<b>837</b>	<b>Maturity and Aging</b>	<b>GRAD</b>	<b>3</b>		
	Psychology of adulthood and aging; social and intimate interactions; problems of coping; normative episodes; stress; cognitive functioning and influence of contexts. Not open to students with credit for 836.02.				
<b>840</b>	<b>Practicum in Developmental Psychology</b>	<b>GRAD</b>	<b>3-9</b>		
	Observation of children in a representative variety of clinical settings with particular reference to developmental phenomena of growth and behavior; application of research, diagnostic and intervention methodology. 1 cl, lab hrs. Prereq: 2nd yr grad standing in psych and permission of instructor. Repeatable to a maximum of 18 cr hrs. This course is graded S/U.				