Department of Psychology
College of Social Science

101  Introductory Psychology
Fall, Spring, Summer. 4(4-0)
Mind and behavior from biological, individual, and social perspectives. Scientific and professional aspects of psychology.

200  Cognitive Psychology
Fall, Spring, Summer. 3(3-0) P: PSY 101
Concepts, theories, methods, and research findings in human information processing. Attention, perception, memory, problem solving, decision making, and language comprehension and production.

209  Brain and Behavior
Fall, Spring. 3(3-0) P: PSY 101
Relation of structure and function of the nervous system to the biological bases of behavior.

235  Social Psychology
Fall, Spring, Summer. 3(3-0) P: PSY 101
Not open to students with credit in SOC 241.
Major topics, theories, and research findings in social psychology, particularly as viewed from a psychological perspective.

236  Personality
Fall, Spring, Summer. 3(3-0) P: PSY 101
Theories of personality, assessment techniques, and research on personality functioning and individual differences in interpersonal behavior. Emphasis on normal behavior.

238  Developmental Psychology: Lifespan
Fall. 3(3-0) P: PSY 101
Not open to students with credit in HDFS 225.
Growth and decline across the human lifespan. Physical, cognitive, emotional, and social development from conception to death.

244  Developmental Psychology: Infancy Through Childhood
Fall, Spring. 3(3-0) P: PSY 101
Physical, cognitive, emotional, and social development from infancy through childhood.

255  Industrial and Organizational Psychology
Spring. 3(3-0) P: PSY 101
Recruitment, selection, and training of personnel. Performance appraisal, leader behavior, worker attitudes and behavior, communication, group organization, and processes in the workplace.

270  Community Psychology
Fall. 3(3-0) P: PSY 101
Theory and research in community psychology. Prevention, social change, dissemination models, empowerment, and measurement models.

280  Abnormal Psychology
Fall, Spring, Summer. 3(3-0) P: PSY 101
Theory and research on dynamics, characteristics, and treatment of psychological disorders. Therapies and theories of prevention.

292  Special Topics in Psychology
On Demand. 3(3-0) P: PSY 101
Special topics in psychology proposed by faculty to supplement regular course offerings.

295  Data Analysis in Psychological Research
Fall, Spring, Summer. 3(3-0) P: ((MTH 103) or designated score on Mathematics Placement test) and (MTH 101 or MTH 102 or MTH 114 or MTH 124 or MTH 132 or MTH 152H or STT 200 or STT 201) and PSY 101
Not open to students with credit in STT 315.
Descriptive and inferential statistics as applied to the analysis of psychological research. Measurement, control, and research design with psychological variables. Data analysis, interpreting research findings. Relations between research and theory.

301  Cognitive Neuroscience
Fall. 3(3-0) P: PSY 101 RB: PSY 200
Neural basis of human cognitive functions. Investigative methods for understanding the relationship of brain activity and behavior.

310  Psychology and Biology of Human Sexuality
Spring of even years. 3(3-0) Interdepartmental with Integrative Biology and Neuroscience. Administered by Neuroscience. P: (PSY 101 or concurrently) and ((BS 161 or concurrently) or (BS 162 or concurrently) or (LB 144 or concurrently) or (LB 145 or concurrently) or (BS 181H or concurrently) or (BS 182H or concurrently)) Not open to students with credit in HDFS 445.

315  Psychology of Women
Fall, Spring, Summer. 4(4-0) P: PSY 101 RB: PSY 200

316  Children's Exposure to Domestic Violence: Promoting Resiliency
Summer. 3(3-0) Interdepartmental with Women's Studies. Administered by Psychology. P: PSY 101 RB: WS 201 or WS 202 or WS 203
Prevalence, context and impact of domestic abuse on children. Strategies for promoting resiliency.

317  Sexual Assault: Context, Interventions and Prevention
Summer. 3(3-0) Interdepartmental with Women's Studies. Administered by Psychology. P: PSY 101 RB: WS 201 or WS 202 or WS 203 or WS 301

318  Gender-Based Violence Across the Lifespan
Summer. 3(3-0) Interdepartmental with Women's Studies. Administered by Psychology. P: PSY 101
Dynamics, risk factors, and community responses to gender-based violence across the lifespan.

320  Health Psychology
Fall, Spring, Summer. 3(3-0) P: PSY 101
Social, psychological, and biological factors affecting health, illness, and use of health services. Stress and coping processes, lifestyles, and illness management.

325  Data Analysis in Psychological Research
Fall, Spring, Summer. 3(3-0) P: ((MTH 103) or designated score on Mathematics Placement test) and (MTH 101 or MTH 102 or MTH 114 or MTH 124 or MTH 132 or MTH 152H or STT 200 or STT 201) and PSY 101
Not open to students with credit in STT 315.
Descriptive and inferential statistics as applied to the analysis of psychological research. Measurement, control, and research design with psychological variables. Data analysis, interpreting research findings. Relations between research and theory.

330  Cognitive Neuroscience
Fall. 3(3-0) P: PSY 101 RB: PSY 200
Neural basis of human cognitive functions. Investigative methods for understanding the relationship of brain activity and behavior.

333  The Neurobiology of Food Intake and Overeating
Spring. 3(3-0) Interdepartmental with Neuroscience. Administered by Psychology. P: PSY 101 RB: PSY 209
Physiological and neurological mechanisms that drive food intake and overeating. Vulnerabilities to obesity.

339  Psychology of Women
Fall. 3(3-0) Interdepartmental with Women's Studies. Administered by Psychology. P: PSY 101 SA: PSY 293
Development and implications of sex-typed behavior and sex differences. Women's decisions about and experiences of menstruation, sexuality, motherhood, relationships, achievement, employment, retirement.

342  Stereotypes, Prejudice, and Discrimination
Spring. 3(3-0) P: PSY 101 RB: PSY 235
Cognitive processes in stereotyping. Contribution of affect and motivation to the linkages among stereotypes, prejudice, and discrimination.

371  Psychological Innovations and Research I
Fall, Spring. 3(2-2) P: PSY 371
First course of two-semester sequence. Theoretical and technical background and direct involvement in a major psychological innovation or research project.

372  Psychological Innovations and Research II
Fall, Spring. 3(2-2) P: PSY 371 R: Approval of department; application required.
Second course of a two-semester sequence. Theoretical and technical background and direct involvement in a major psychological innovation or research project.

381  Internship Training in Psychology
Spring. 3(3-0) P: PSY 101 RB: At least two courses in the range from PSY 200-280. R: Approval of department; application required.
Theoretical and practical background to engage in effective internship delivery.

382  Internship in Psychology
Summer. 3 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P: PSY 101 R: Approval of department; application required.
Internship employing knowledge and skills acquired in psychology courses.

395  Research Design and Measurement in Psychological Research
Fall, Spring. 3(2-2) P: PSY 295 SA: PSY 304
Validity and reliability concepts in psychological measurement and causal inference. Experimental design in psychological research.
Current research on biological mechanisms that control motivation in humans and non-human animals. Role of the nervous system in this process.

410 Neuroscience of Learning and Memory (W)
Fall 3(3-0) P: (PSY 200 or PSY 209 or PSY 301 or NEU 300 or IBIO 405) and (PSY 295 or STT 231) and completion of Tier I writing requirement SA: PSY 308

Neural mechanisms responsible for learning and memory.

411 Hormones and Behavior (W)
Spring, 3(3-0) P: (PSY 209 or NEU 300 or IBIO 405) and (PSY 295 or STT 231) and completion of Tier I writing requirement

Current research on biological mechanisms that control motivation in humans and non-human species.

413 Laboratory in Behavioral Neuroscience (W)
Fall 4(2-4) Interdepartmental with Integrative Biology. Administered by Psychology. P: (PSY 209 or IBIO 402) and (PSY 295 or STT 231) and completion of Tier I writing requirement SA: PSY 309

Theory and laboratory experience in the study of behavioral neuroscience. Relationship among hormones, brain, and behavior.

424 Child and Family Psychopathology (W)
Fall, Spring, Summer, 3(3-0) P: (PSY 295) and completion of Tier I writing requirement R: Open to juniors or seniors in the Department of Psychology.

Description, etiology, and developmental patterns of behavior problems of children, adolescents, and their families. Child and family interventions.

455 Advanced Topics in Organizational Psychology (W)
Fall 3(3-0) P: (PSY 255 and PSY 295) and completion of Tier I writing requirement SA: PSY 344

Theory and research in physical, cognitive, emotional, and social development from puberty to early adulthood.

463 Introduction to Cognitive Science
Fall 3(3-0) Interdepartmental with Linguistics and Philosophy. Administered by Linguistics.

Cognitive processing of information by animals, humans, and computers. Relevant issues in philosophy, linguistics, psychology, neurophysiology, and artificial intelligence.

490 Special Problems in Psychology
Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 12 credits in all enrollments for this course. A student may earn a maximum of 12 credits. Students are limited to a combined total of 12 credits in PSY 490 and PSY 491. R: Approval of department; application required.

Students work under direction of a faculty member on an experimental, theoretical, or applied problem.

491 Participation in Psychological Project
Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 12 credits in all enrollments for this course. A student may earn a maximum of 12 credits. Students are limited to a combined total of 12 credits in PSY 490 and PSY 491. R: Approval of department; application required.

Students participate in a psychological project under direction of a faculty member.

492 Advanced Topics in Psychology
On Demand, 3(3-0) P: (PSY 101) and (PSY 295 or STT 231).

Advanced topics proposed by faculty to supplement regular course offerings.

493 Issues in Psychology (W)
Fall, Spring, 3(3-0) P: PSY 101 and (PSY 295 or STT 231) and completion of Tier I writing requirement

Current information, research, and practice in psychology.

497H Senior Honors Project
Fall, Spring, 3(0-6) R: Approval of department.

Capstone experience in psychology for honors student's project thesis.
815 Quantitative Research Design and Analysis in Psychology
Fall. 3(2-2) R: Open to graduate students in the Department of Psychology. Experimental and non-experimental research design. Analysis of variance and multiple regression.

818 Psychometric Theory and Test Construction
Spring. 3(3-0) RB: PSY 817 R: Open only to graduate students in the Department of Psychology. Classical and item response theory approaches to test development. Validation of measures.

831 Personality Assessment
Spring. 3(3-0) RB: PSY 828 R: Open to graduate students in the Department of Psychology or approval of department. Psychometrics, clinical techniques, multimethod assessment measures including the MMPI, NEO-PI-R, PAI, TAT, IPP, Rorschach.

834 Social Psychology
Fall of even years. 3(3-0) R: Open to graduate students in the Department of Psychology. Not open to students with credit in SOC 870. Classic and contemporary theoretical and empirical issues in social psychology.

835 Research Methods: Interpersonal and Individual Behavior
Spring. 3(2-2) RB: PSY 815 or concurrently R: Open only to graduate students in the Department of Psychology. Strategies and tactics for conducting systematic empirical research on complex human functioning. Social and clinical phenomena.

836 Personality Psychology
Fall of odd years. 3(3-0) R: Open only to graduate students in the Psychology major or approval of department. Classic and contemporary theoretical and empirical issues in personality psychology.

837 Social Cognition
Spring of even years. 3(3-0) RB: PSY 815 credits in the social sciences. R: Open only to graduate students in the Psychology major or approval of department. SA: PSY 842A. Research on cognitive mediators of social behavior and life outcomes. Attribution, person perception, stereotyping, attitudes, and social memory.

838 Interpersonal Behavior and Relationships
Fall of even years. 3(3-0) RB: 15 credits in the social sciences. R: Open only to graduate students in the Psychology major or approval of department. SA: PSY 842B. Theory and empirical research on interpersonal processes. Social comparison, social support, self-evaluation, relationship development and dissolution, attraction, and love.

839 Systems Neuroscience
Spring. 4(4-0) Interdepartmental with Human Anatomy and Integrative Biology and Neuroscience and Pharmacology and Toxicology and Physiology. Administered by Neuroscience. R: Open to graduate students or human medicine students or osteopathic medicine students in the College of Natural Science or in the College of Agriculture and Natural Resources or in the College of Human Medicine or in the College of Osteopathic Medicine or in the College of Social Science or in the College of Veterinary Medicine. SA: ANT 839 Anatomy, pharmacology, and physiology of multicellular neural systems. Sensory, motor, autonomic, and chemo-regulatory systems in vertebrate brains.

841 Evolutionary Psychology
Spring of even years. 3(3-0) R: Open to graduate students in the Department of Psychology or approval of department. The nature and causes of human social behavior and cognition. The evolution, function, strategic logic, and psychology of topics such as family and friendship, sexuality and romance, aggression and warfare, cooperation and conflict, politics, religion, and moral judgment.

843 Stereotyping, Prejudice and Discrimination
Spring of odd years. 3(3-0) R: Open to graduate students in the Department of Psychology or approval of department. Major theoretical perspectives and methodological issues surrounding the psychology of stereotyping, prejudice, and discrimination within modern society.

852 Cognitive and Neuropsychological Assessment
Fall. 3(3-0) R: Open to graduate students in the Department of Psychology. Instruction in basic administration and interpretation of cognitive and neuropsychological tests across the life span.

853 Behavior Disorders
Fall. 3(3-0) R: Open only to graduate students in the Department of Psychology. Classification, description, and etiology of behavior disorders. Conceptual models, epidemiology, and review of major diagnostic classification systems.

860 Industrial and Organizational Psychology
Fall. 3(3-0) R: Open only to graduate students in the Department of Psychology. Theory, research, and practice in organizational training, development, and behavior.

863 Seminar in Cognitive Science
Fall, Spring. 1(1-0) A student may earn a maximum of 2 credits in all enrollments for this course. RB: Prior or current graduate-level work in at least one cognitive science related field. Contemporary issues, problems, theories, and data in cognitive science, seen from a variety of perspectives.

864 Personnel Selection
Spring of odd years. 3(3-0) R: Open only to graduate students in the Psychology major. Methods and research in personnel selection. Job analysis, performance appraisal, and development of predictors. Evaluating validity, reliability, and utility of selection procedures.

865 Research Methods in Applied Psychology
Fall. 3(3-0) RB: PSY 815 R: Open only to graduate students in the Department of Psychology. Human resource issues and applied research. Measurement problems and issues. Planning, conducting, analyzing, and disseminating applied research.

867 Nature and Practice of Cognitive Science
Spring. 3(3-0) Interdepartmental with Computer Science and Engineering and Integrative Biology and Linguistics and Philosophy. Administered by Psychol- ogy. RB: Undergraduate course work in behavioral biology, cognitive psychology, philosophy, linguistics, or artificial intelligence. SA: ZOL 867 Survey of how different disciplines explore the cognitive processes underlying intelligent behavior.

870 Ecological-Community Psychology
Fall. 3(3-0) RB: PSY 815 or concurrently R: Open only to graduate students in the Department of Psychology. Theory, methodology and research in experimental ecological approaches to community psychology. Identifying researchable problems and funding. The dynamics of research teams.

871 History and Theory in Ecological-Community Psychology
Spring. 3(3-0) RB: PSY 815 or concurrently R: Open only to graduate students in the Department of Psychology. Theoretical perspectives, contemporary problems, philosophies of science, and ethical issues facing the ecological psychologist.

872 Field Research in Psychology
Spring. 3(2-2) RB: PSY 815 R: Open only to graduate students in the Department of Psychology. Unobtrusive, observational, and interview measures. Policy analysis, proposal preparation, and research design.

873 Methods and Practice of Community Engagement I
Fall. 3(2-2) P: (PSY 871 or concurrently) R: Open to master’s students or doctoral students in the Department of Psychology or approval of department. Entry and operational issues in community interventions and engaged research. Group dynamics, models of practice, and community engagement issues.

874 Methods and Practice of Community Engagement II
Spring. 3(2-2) P: PSY 873 R: Open to master’s students or doctoral students in the Department of Psychology or approval of department. Issues in executing and completing community engaged research projects. Community engagement issues including ethics, communication, and project closure.
880 Foundations of Evaluation Practice
Fall. 3 credits. R: Open to graduate students in the Department of Psychology or approval of department.
History, professional roles and contexts, practice standards, and central theories of program evaluation.

881 Evaluation Design
Fall. 3 credits. R: Open to graduate students in the Department of Psychology or approval of department.
Fundamentals of designing formative and summative evaluations

882 Evaluation Data Collection Methods
Fall. 3 credits. R: Open to graduate students in the Department of Psychology or approval of department.
Data collection for program evaluation

883 Statistics for Evaluators I
Spring. 3 credits. R: Open to graduate students in the Department of Psychology or approval of department.
Quantitative evaluation data preparation and management. Descriptive and inferential statistics, including correlation and regression and their application to evaluation data. Interpreting and reporting statistics for evaluation audiences.

884 Qualitative and Mixed Method Evaluation Methods
Spring. 3 credits. R: Open to graduate students in the Department of Psychology or approval of department.
Qualitative and mixed method designs and analytic techniques for program evaluation

885 Communicating and Reporting
Spring. 3 credits. R: Open to graduate students in the Department of Psychology or approval of department.
Communicating and reporting program evaluation activities and findings. Generating and communicating recommendations. Techniques to facilitate deliberative dialogue about evaluation findings. Written, verbal, and listening skills.

886 Evaluation Practicum Preparation
Spring. 1 credit. R: Open to graduate students in the Department of Psychology or approval of department.
Identifying potential placements. Resume and cover letter development. Interviewing skills and establishing a practicum contract.

887 Statistics for Evaluators II
Summer. 3 credits. P: PSY 883 R: Open to graduate students in the Department of Psychology or approval of department.
Inferential statistics, including t-tests, analysis of variance, and non-parametric statistics and their application to evaluation data. Handling missing data, power analysis, and other statistical tools for evaluators.

888 Evaluation Management
Fall. 3 credits. R: Open to graduate students in the Department of Psychology or approval of department.
Evaluation project management, budgeting, and quality assurance. Professional job search skills.

889 Evaluation Practicum
Fall, Summer. 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P: PSY 886 R: Open to graduate students in the Department of Psychology or approval of department.
Supervised practicum placement in a professional evaluation setting. Integration and application of theories, methods, and skills in evaluation practice.

890 Special Problems in Psychology
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 24 credits in all enrollments for this course. R: Open only to graduate students in the Department of Psychology.
Supervised student research on an experimental, theoretical, or applied problem.

891 Special Topics in Psychology
Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 35 credits in all enrollments for this course. R: Open only to graduate students in the Department of Psychology.
Master's thesis research.

892 Scientific and Professional Ethics
Spring of odd years. 3(3-0) R: Open to graduate students in the Department of Psychology.
Ethical issues in human and animal research. Ethical decision making and social, cultural, and religious diversity in psychological practice.

893 Social, Cognitive, and Affective Neuroscience
Fall, Spring. 3(3-0) R: Open to graduate students in the Department of Psychology.
The neural mechanisms of social, cognitive, and affective/motivational processes. Theory, research, and methodology.

894 Practicum
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 18 credits in all enrollments for this course. R: Open only to graduate students in the Department of Psychology.
Clinical assessment, consultation, and psychotherapy. Supervised experience in assessment, consultation, and psychotherapy with adults, families, and children. Didactic seminar in related theory and research.

895 Doctoral Dissertation Research
Fall, Spring. 1 to 24 credits. A student may earn a maximum of 36 credits in all enrollments for this course. R: Open only to doctoral students in the Department of Psychology.
Doctoral dissertation research.