Courses

320. Advanced Portuguese
Fall. 3(3-0)
Conversation, reading, and writing to develop proficiency.
QP: PRT 203

340. Topics in Luso-Brazilian Language and Culture
Spring. 3(3-0)
Cultural issues related to Portuguese-speaking countries.
QP: PRT 203

490. Independent Study
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 3 credits in all enrollments for this course.
R: Approval of department.
Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.
QA: PRT 499

PSYCHIATRY
PSC
Department of Psychiatry
College of Human Medicine
College of Osteopathic Medicine

591. Special Problems in Psychiatry
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 12 credits in all enrollments for this course.
R: Graduate-professional students in colleges of Human and Osteopathic Medicine.
Work under the direction of a faculty member on an experimental, theoretical, or applied problem.

608. Psychiatry and Behavioral Science Clerkship
Fall, Spring, Summer. 2 to 12 credits in increments of 2 credits.
P: College of Osteopathic Medicine students must have passed all preclinical courses. R: Open to graduate-professional students in the Colleges of Human and Osteopathic Medicine.
Supervised practice with in-patient, out-patient, emergency, and community mental health services.

609. Adult Psychiatry Clerkship
Fall, Spring, Summer. 4 to 16 credits in increments of 2 credits.
P: PSC 608. R: Open only to graduate-professional students in the Colleges of Human and Osteopathic Medicine.
Subspecialty experiences in psychiatry in clinical settings with adults.

610. Child Psychiatry Clerkship
Fall, Spring, Summer. 4 to 16 credits in increments of 2 credits.
P: PSC 608. R: Open only to graduate-professional students in the Colleges of Human and Osteopathic Medicine.
Subspecialty experiences in psychiatry in clinical settings with child patients and their families.

PSYCHOLOGY
PSY
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.
QA: PSY 160, PSY 170

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.
QP: PSY 160 or PSY 170 QA: PSY 300

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.
QP: PSY 160 or PSY 170 QA: PSY 308S

235. Social Psychology
Fall, Spring, Summer. 3(3-0)
P: PSY 101.
R: 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.
QA: PSY 335

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.
QP: PSY 160 or PSY 170 QA: PSY 225

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

246. Sensitivity to Children I
Fall. 3(2-2)
P: PSY 101. R: To receive credit PSY 246 and PSY 247 must be completed satisfactorily except by prior arrangement with instructor. Not open to students who have completed more than 6 credits of PSY 190 and PSY 191 combined.
First course of two-semester sequence that emphasizes weekly play with a child and analysis of videotaped sessions. Readings and discussions cover problems faced by parents, teachers, and child therapists.
QP: PSY 160 or PSY 170 QA: PSY 246

247. Sensitivity to Children II
Spring. 3(2-2)
P: PSY 246. R: To receive credit PSY 246 and PSY 247 must be completed satisfactorily except by prior arrangement with instructor. Weekly play with a child to understand child development and to increase skills in communicating with children.
QP: PSY 246 QA: PSY 247, FSY 248

255. Industrial and Organizational Psychology
Fall, Spring, Summer. 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.
QA: PSY 255

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.
QP: PSY 160 or PSY 170 QA: PSY 370

280. Abnormal Psychology
Fall, Spring, Summer. 3(3-0)
P: PSY 101.
Theories and research on dynamics, characteristics, and treatment of psychological disorders. Therapeutic and theoretical issues.
QP: PSY 190 or PSY 170 QA: PSY 425

295. Data Analysis in Psychological Research
Fall, Spring, Summer. 3(3-0)
P: PSY 101, MTH 110 or MTH 116 or MTH 120 or SYT 200 or SYT 301. R: Open only to students in the College of Social Science and students in Social Science teaching minor. Not open to students with credit in SOC 215.
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.
QP: PSY 160, PSY 170 QA: PSY 215

302. Laboratory in Cognitive Psychology
Fall, Spring. 3(2-2)
P: PSY 200, PSY 285.
Rational methods, data analysis, and interpretation of experimental research in cognitive psychology. Students conduct and participate in classroom experiments, and write laboratory reports and a research proposal.
QP: PSY 300, PSY 215 QA: PSY 302

303. Research Methods in Community Psychology
Spring, 3(2-2)
P: PSY 270, PSY 285.
Contemporary research methods in community psychology, from defining the problem to disseminating the results.
QP: PSY 215, PSY 370 QA: PSY 470

304. Psychological Measurement
Fall, 3(3-0)
P: PSY 285.
Assessment of the reliability and validity of psychological measures of ability, personality, and interests for applications in education, industry, and counseling.
QP: PSY 215 QA: PSY 415

305. Research Methods in Social Psychology
Spring, 3(3-0)
P: PSY 285, PSY 295.
Major strategies and tactics for conducting social psychological research. Emphasis on first-hand experience with all phases of the research process.
QP: PSY 215, PSY 355 QA: PSY 485A

306. Observational Research Methods
Spring, 3(2-2)
Methods for observing, recording, and analyzing behavior in naturalistic laboratory settings.
QP: PSY 180 or PSY 170, PSY 215

309. Behavioral Neuroscience
Fall. 3(3-0)
P: PSY 205, PSY 295, PSY 250.
Neural and physiological mechanisms controlling and regulating animal and human behavior.
QP: PSY 308S or PSY 308N, PSY 215, FSY 241 QA: PSY 308N

312. Principles and Applications of Learning
Fall. 3(3-0)
P: PSY 285.
General principles of human and animal learning. Theories of learning. Motivation as the causation of action, classical and operant conditioning, and animal cognition.
QP: PSY 215 QA: PSY 312

320. Health Psychology
Fall, Spring. 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.
QP: PSY 160 or PSY 170 QA: PSY 320
325. Affect and Self Esteem
Fall, Spring. 3(3-0)
P: PSY 101. Psychological study of affect as a mediator of stress, self-esteem, and powerlessness. Development of psychological health, personal identity, and interpersonal competence through the principles of affect.
QP: PSY 160 or PSY 170 QA: PSY 325

329. Personality from a Psychoanalytic Perspective
Fall. Spring. 3(3-0)
P: PSY 101. Topics examined within this Freudian framework include: psychosocial development, unconscious processes, defense mechanisms, prejudice, discrimination, and the inability to sleep, sexual problems, and love.
QA: PSY 225

344. Developmental Psychology: Adolescence Through Youth
Spring. Summer. 3(3-0)
P: PSY 244. Theory and research in physical, cognitive, emotional, and social development from puberty to early adulthood.
QA: PSY 444

346. Developmental Psychology: Adulthood and Aging
Spring. 3(3-0)
P: PSY 244. Research and theory regarding human development from young adulthood through old age.
QP: PSY 444

371. Psychological Innovations and Research II
Fall, Spring, Summer. 3(3-0)
P: PSY 101. R: Approval of department. To receive credit PSY 371 and PSY 372 must be completed satisfactorily except by prior arrangement with instructor. Not open to students who have completed more than 6 credits of PSY 490 and PSY 491 combined. First course of two-semester sequence. Theoretical and technical background and direct involvement in a major psychological innovation or research project.
QP: PSY 490 or PSY 176 QA: PSY 371

372. Psychological Innovations and Research II
Fall, Spring, Summer. 3(2-4)
P: PSY 371. R: To receive credit PSY 371 and PSY 372 must be completed satisfactorily except by prior arrangement with instructor. Theoretical and technical background and direct involvement in a major psychological innovation or research project.
QP: PSY 371 QA: PSY 372

401. Memory and Skill
Fall of even-numbered years. 3(3-0)
QP: PSY 215, PSY 300

402. Sensation and Perception
Fall of even-numbered years. 3(3-0)
P: PSY 285; PSY 300 or PSY 299. Biological and psychological approaches to the study of the extraction, representation, and interpretation of sensory information. Review of major methodologies. Emphasis on vision.
QP: PSY 315, PSY 300 or PSY 3085 or PSY 3090N QA: PSY 310, PSY 317

406. History of Modern Psychology
Spring. 3(3-0)
P: PSY 295. R: Open only to juniors and seniors in Psychology. Theories, periods, and contributions of the leading psychologists. Psychological systems such as behaviorism, cognition, and psychoanalysis. Evolution of psychological concepts, social context.
QP: PSY 315 QA: PSY 406

409. Psychology of the Life Span
Spring of even-numbered years. 3(3-0)
P: PSY 306 or PSY 402. Current research on the development and aging of the brain, aging and behavior.

411. Psychology of Motivation
Spring of odd-numbered years. 3(3-0)
P: PSY 308 or PSY 402. Current research on biological mechanisms that control motivation.

414. Psychology of Language
Spring of even-numbered years. 3(3-0)
P: PSY 290, PSY 295. Experimental psychological study of language—speech perception, word and sentence processing, process comprehension and memory, language production, language acquisition, and the brain bases of language development and use.
QP: PSY 350, LIN 401 QA: PSY 414

424. Child and Family Psychopathology
Fall, Spring, Summer. 3(3-0)
QP: PSY 215, PSY 244 QA: PSY 424

440. Attitudes and Social Cognition
Fall of even-numbered years. 3(3-0)
P: PSY 295, PSY 296. Psychological research on the cognitive foundations of social behavior. Attribution, stereotyping, impression formation, social memory, and persuasion.
QP: PSY 455A QA: PSY 455B, PSY 455D

441. Interpersonal Behavior and Groups
Spring of odd-numbered years. 3(3-0)
P: PSY 295, PSY 296. Major theories and research findings in the social psychology of group processes and interpersonal relationships.
QP: PSY 455A QA: PSY 455C

442. Stereotypes, Prejudice and Discrimination
Fall of odd-numbered years. 3(3-0)
QP: PSY 455A

455. Personnel Research Techniques
Fall. 3(3-0)
QP: PSY 415, PSY 255 QA: PSY 455

475. Personality Theories
Spring of even-numbered years. 3(3-0)
P: PSY 295. Major personality theories of development, structure, and dynamics. Implications for behavioral disorders and therapy.
QP: PSY 225 QA: PSY 427A

476. Research in Personality
Fall. 3(3-0)
QP: PSY 225, PSY 315 QA: PSY 476B

480. Interpersonal Skill Development
Fall, Spring. 3(1-4)
P: PSY 101. Interpersonal skill development through interactions within a small group. Empathy, mutual emotional support, appropriate self-disclosure, and constructive approaches to interpersonal confrontations.
QP: PSY 160 or PSY 170

488. Phenomenological Psychology
Fall of even-numbered years. 3(3-0)
QP: PSY 160 or PSY 170 QA: PSY 488

498. Humanistic Psychology
Spring. 3(3-0)
P: PSY 256. Psychology of the person as a living, ethical subject. Scientific humanism, power of thinking, knowledge, components of reality, and powers of consciousness.
QP: PSY 225 QA: PSY 498

499. Special Problems in Psychology
Fall. Spring, Summer. 1 to 6 credits. A student may earn a maximum of 9 credits in all enrollments for this course.
R: Open only to juniors and seniors with at least 9 credits in psychology. Students are limited to a combined total of 9 credits in PSY 490 and PSY 491. Students who completed PSY 246, PSY 247 or PSY 371, PSY 372 are limited to a combined total of 6 credits in PSY 490 and PSY 491. Approval of department.
Each student will work under the direction of a faculty member on an experimental, theoretical, or applied problem.
QA: PSY 490

499H. Senior Honors Thesis
Fall, Spring, Summer. 3(0-6). A student may earn a maximum of 6 credits in all enrollments for this course.
R: Approval of department. Independent research with faculty supervision. Literature review, naturalistic observation, and experimental investigation. Preparation of the senior paper.
QA: PSY 499H

800. Theories of Learning and Motivation
Fall. 3(3-0)
P: PSY 295. R: Open only to graduate students in Psychology. Principles and applications of learning, behavior, motivation, and animal cognition. Animal models of psychological phenomena, including addiction, depression, and stress. Cognitive and affective bases of behavior.
QA: PSY 800

801. Sensation and Perception
Fall of odd-numbered years. 3(3-0)
P: PSY 401 or approval of department. R: Open only to graduate students in Psychology. Biological and psychological approaches to the study of extraction, representation, and interpretation of sensory information. Review of major methodologies.
Emphasis on vision.
QA: PSY 801

805. History of Psychology
Fall. 3(3-0)
P: PSY 401 or approval of department. R: Open only to graduate students in Psychology. Scientific, cultural, philosophical, and personal influences in the development of psychology. Persisting issues.
QA: PSY 805

809. Developmental Psychology
Fall of odd-numbered years. 3(3-0)
P: PSY 401 or approval of department. R: Open only to graduate students in Psychology. Basic principles of neural development over the life span.

810. Cognitive Processes
Fall of even-numbered years. 3(3-0)
P: PSY 401 or approval of department. R: Open only to graduate students in Psychology. Concepts, theories, methods, and research findings in human information processing. Attention, perception, learning and remembering, thinking, skill and expertise, and language use.
QA: PSY 810
811. Advanced Behavioral Neuroscience  
P: PSY 411 or approval of department. R: Open only to graduate students in Psychology. Behavioral mechanisms involved in learning and memory, motivated behaviors, biological rhythms, and psychopathologies.  
QA: PSY 811

814. Psycholinguistics  
Spring of odd-numbered years. 3(3-0)  
P: PSY 414. R: Open only to graduate students in Psychology. Language processing. Speech perception, lexical representation and processing, sentence parsing, discourse comprehension and memory, and language production.  
QP: PSY 414A QA: PSY 814

815. Quantitative Research Design and Analysis in Psychology  
Fall. 4(3-2)  
R: Open only to graduate students in Psychology. Design and analysis of psychological research. Applied descriptive and inferential statistical procedures. Emphasis on discerning and confirming theoretical and empirical problems in social and psychological psychology.  
QA: PSY 815

817. Psychometric Methods  
Spring. 4(3-2)  
P: PSY 815. R: Open only to graduate students in Psychology. Research analysis methods, meta-analysis, reliability theory, construct validation, confirmatory and exploratory factor analysis, causal models of experimental design, and cross sectional studies.  
QP: PSY 815 QA: PSY 817

831. Personality Assessment  
Fall of odd-numbered years. 4(3-2)  
P: PSY 828. R: Open only to graduate students in Psychology. Objective and projective personality measures for adults. MMPI, Rorschach, Thematic Apperception Test, and other selected measures.  
QP: PSY 823 QA: PSY 973

834. Social and Personality Psychology  
Fall. 3(3-0)  
R: Not open to students with credit in SOC 870. Major themes and empirical problems in social and personality psychology.  
QP: PSY 834

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

836. Personality Processes and Social Behavior  
Fall of even-numbered years. 3(3-0)  
R: Open only to graduate students in Psychology. Effects of personality processes on social behavior. Laboratory research of experimental, personality, and social psychologists.  
QP: PSY 836

842. Advanced Social Psychology (MTC)  
Spring. 3(3-0)  
A student may earn a maximum of 9 credits in all enrollments for this course. R: Open only to graduate students in Psychology. Review of one of the three major topic areas in social psychology: Social Cognition, Interpersonal Behavior and Relationships, and Group Processes.  
QP: PSY 840, PSY 841

844. Developmental Psychology of Women  
Spring of odd-numbered years. 3(3-0)  
R: Open only to graduate students in Psychology. Development and implications of sex-typed behavior. Women's experiences of menstruation, sexuality, motherhood, relationships, achievement, employment, retirement.  
QP: PSY 844

845. Developmental Psychology: Infancy  
Fall of even-numbered years. 4(3-2)  
R: Open only to graduate students in Psychology. Pre-natal development, infancy to three years. Basic processes, caregiver-infant relationships, social-cultural context, and assessment from a developmental biopsychosocial systems perspective.  
QP: PSY 845

846. Developmental Psychology: Childhood  
Spring of even-numbered years. 3(3-0)  
R: Open only to graduate students in Psychology. Research and theory on the psychological development of school-age children.  
QP: PSY 846

847. Developmental Psychology: Adolescence  
Fall of odd-numbered years. 3(3-0)  
R: Open only to graduate students in Psychology. Research and theory in human psychological development from puberty until adulthood.  
QA: PSY 847

848. Developmental Psychology: Adulthood and Aging  
Spring of odd-numbered years. 3(3-0)  
R: Open only to graduate students in Psychology. Theoretical perspectives and research findings on human development from early to late adulthood.  
QP: PSY 848

851. Neuropsychology  
Fall. 4(4-0)  
P: PSY 815 or concurrently. R: Open only to graduate students in Psychology. Basic research and theory in neuropsychology of cognition, language, memory, emotion, motor skill, and lateralization of function. Emphasis on human functions.  
QP: PSY 851

852A. Neuropsychological Assessment  
Spring of even-numbered years. 3(3-0)  
P: PSY 811, PSY 851. R: Open only to graduate students in Psychology. Diagnosis of brain injuries through the study of brain behavior processes. Concepts and tools relevant for neuropsychological examinations.  
QP: PSY 811, PSY 851 QA: PSY 852A
871. History and Theory in Ecological-Community Psychology
P: PST 815 or concurrently. R: Open only to graduate students in Psychology.
Theoretical perspectives, contemporary problems, philosophies of science, and ethical issues facing the ecological psychologist.
QP: PSY 870A QA, PSY 872A

872. Field Research in Psychology
Spring, 3(3-0). P: PSY 815. R: Open only to graduate students in Psychology.
Unobtrusive, observational, and interview measures. Policy analysis, proposal preparation, and research design.
QP: PST 815 QA: PSY 873B, PSY 873C

873. Community Interventions
Spring, 3(2-0). P: PSY 815, PST 870, PSY 871. R: Open only to graduate students in Psychology.
Enter into and operational issues in community interventions and research. Group dynamics, community politics, intervention integrity.
QP: PSY 815, PSY 870A, PSY 870B

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 Psychology. Supervised student research on an experimental, theoretical, or applied problem.
QA: PSY 890

899. Master's Thesis Research
Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 25 credits in all enrollments for this course.
R: Open only to graduate students in Psychology.
QA: PSY 899

926. Scientific and Professional Ethics
Fall of odd-numbered years, 3(0-0). R: Open only to graduate students in Psychology. Ethical issues in human and animal research. Ethical decisions involving issues of gender, ethnicity, and cultural diversity in psychological practice.

950. Dynamic and Systems Approaches to Child and Family Interventions
Fall, 3(0-0). P: PST 854 or approval of department. R: Open only to graduate students in Psychology. Marriage and Family Therapy, and Counseling Psychology. Intervention approaches with children, families, and couples. Psychodynamic, experiential, and family systems perspectives. Empirical basis for interventions.
QP: PSY 850B, PSY 850C QA: PSY 850A

951. Cognitive/Behavioral Approaches to Child and Family Interventions
QP: PSY 850C, PSY 850A QA: PSY 850B

961. Training and Organizational Development
Spring of even-numbered years, 3(0-0). P: PST 860. R: Open only to graduate students in Psychology. Theory and research on identification, development, and evaluation of training activities in organizations. Analysis of organizational functioning and change.
QP: PSY 860 QA, PSY 861

962. Work Motivation and Job Satisfaction
Fall, 3(0-0). P: PST 860. R: Open only to graduate students in Psychology.
General theories of human motivation, attitudes, and affect. Specific theories of work motivation and job satisfaction.
QP: PSY 860 QA: PSY 862

970. Advanced Topics in Ecological and Community Psychology
Fall, Spring, 3(0-0). A student may earn a maximum of 9 credits in all enrollments for this course. R: Open only to graduate students in Psychology. Contemporary ecological and community psychology issues. Program evaluation, systems analyses. Empowerment, social support, and homelessness.
QP: PSY 970

992. Seminar in Psychology
Fall, Spring, 3(0-0). A student may earn a maximum of 12 credits in all enrollments for this course. R: Open only to graduate students in Psychology. Theoretical and research topics in psychology.
QP: PSY 912, PSY 914, PSY 934, PSY 934, PSY 969, PSY 970, PSY 986

994. Practicum
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 14 credits in all enrollments for this course. R: Open only to graduate students in Psychology. Psychodynamics in related theory and research.
QP: PSY 949, PSY 950

999. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 50 credits in all enrollments for this course. R: Open only to doctoral students in Psychology or Psychology-Urban Studies.
QP: PSY 999

PUBLIC AFFAIRS MANAGEMENT

DEPARTMENT OF AGRICULTURAL ECONOMICS

PRM

DEPARTMENT OF AGRICULTURAL ECONOMICS

College of Agriculture and Natural Resources

291. Community Economics
Fall, Spring, 3(0-0). Policy analysis of state and local government revenues, services, and private business regulation. Impact on resource use, economic development, income distribution, and human values.
QP: AG 301

260. World Food, Population and Poverty
Spring, 3(0-0). Description and analysis of world food, population and poverty problems. Interrelationships between developed and developing countries.
QP: AG 260

390. Public Policy Analysis Methods
Fall, 3(0-0). P: EC 201, PRM 201. Analytical methods for evaluating the public policies. Conceptual and theoretical approaches to selected policy problems including political and legal aspects.
QP: EC 201, PAM 201 QA: PAM 320, PAM 321

404. Public Program Evaluation
Fall, Spring. 3(0-0). P: PST 200 or STT 200 or STT 201 or STT 315. R: Not open to freshmen and sophomores. Design and use of program evaluations in public resource management. Impact and multiple outcome analysis. Substantive and statistical significance.
QP: STT 201, PAM 320 QA: PAM 494

REMARKS

RELIGIOUS STUDIES

DEPARTMENT OF RELIGIOUS STUDIES

College of Arts and Letters

299. Independent Study
Fall, Spring. 1 to 4 credits. Begins with formal contract. A student may earn a maximum of 12 credits in all enrollments for this course. R: Approval of department. Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.
QP: REL 295