Descriptions—Portuguese of Courses

202. Second-Year Portuguese II
Spring, 4(4-0)
P: PRT 201.
Further review and development of aural comprehension, speaking, reading, and writing skills. Topics in the cultures of the Portuguese-speaking world.

290. Independent Study
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 4 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.

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

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

490. Independent Study
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 4 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.

PSYCHOLOGY

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.

205. Lesbian, Bisexual, and Gay Studies: Psychological and Cultural Issues
Spring of odd-numbered years. 3(3-0) Interdepartmental with Women's Studies. Administered by Women's Studies. Nature, origins, and development of sexual orientation and sexual identity in the context of personality, culture, and society. Multicultural and feminist perspectives on the relationship between sexual orientation and gender, race, class, ethnicity, and religion.

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. 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.

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.

239. Psychology of Women
Fall, 3(3-0)
P: PSY 101.
Development and implications of sex-typed behavior and sex differences. Women's decisions about and experiences of menstruation, sexuality, motherhood, relationships, achievement, employment, retirement.

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.

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 490 and PSY 491 combined.
First course of two-semester sequence that emphasizes weekly play with a child and analysis of video-taped sessions. Readings and discussions cover problems faced by parents, teachers, and child therapists.

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.

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.

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.

295. Data Analysis in Psychological Research
Fall, Spring, Summer. 3(3-0)
P: PSY 101, MTH 110 or MTH 116 or MTH 120 or SST 200 or SST 201. R: Open only to students in College of Social Science and students in Social Science teaching minor. Not open to students with credit in SST 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.

302. Laboratory in Cognitive Psychology
Fall, Spring. 3(2-2)
P: PSY 200, PSY 205.
Rationale, 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.

303. Research Methods in Community Psychology
Spring, 3(2-2)
P: PSY 270, PSY 275.
Contemporary research methods in community psychology, from defining the problem to disseminating the results.
Psychology — Descriptions of Courses

304. Psychological Measurement
Fall, Summer. 4(3-2)
P: PSY 295.
Assessment of the reliability and validity of psychological measures of ability, personality, and interests for applications in education, industry, and counseling.

307. Thinking Critically About Psychological Research
Spring. 3(3-0)
P: PSY 295.
Statistical and methodological principles from the perspective of a critical consumer of research results. Recognizing non-empirical assertions, necessary bases for inferring relationships and causal relationships, common threats to research validity, and pertinent biases in human judgment.

308. Behavioral Neuroscience
Fall. 3(3-0)
P: PSY 209, PSY 295, PSL 250.
Neural and physiological mechanisms controlling and regulating animal and human behavior.

312. Principles and Applications of Learning
Fall. 3(3-0)
P: PSY 295.
General principles of human and animal learning. Theories of learning. Motivation as the causation of action, classical and operant conditioning, and animal cognition.

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.

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 principles of affect.

330. Personality from a Psychoanalytic Perspective
Fall, Spring. 3(3-0)
P: PSY 101.
A Freudian framework, including psychosocial development, dreams, unconscious processes, defense mechanisms, prejudice, discrimination, culture, inability to sleep, anxiety, depression, schizophrenia, sexual problems, and love.

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.

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

371. Psychological Innovations and Research I
Fall, Spring, Summer. 4(2-4)
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.

372. Psychological Innovations and Research II
Fall, Spring, Summer. 4(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.

401. Memory and Skill (W)
Fall of even-numbered years. 3(3-0)
P: PSY 295. R: Completion of Tier I writing requirement.
Human learning, memory, and skill performance. Effects of attention, practice, and knowledge on cognitive and perceptual motor skills.

402. Sensation and Perception (W)
Fall of even-numbered years. 3(3-0)
P: PSY 295, PSY 206 or PSY 209. R: Completion of Tier I writing requirement.
Biological and psychological approaches to the study of the extraction, representation, and interpretation of sensory information. Review of major methodologies. Emphasis on vision.

405. History of Modern Psychology (W)
Spring. 3(3-0)
P: PSY 295. Open only to juniors and seniors in Psychology. Completion of Tier I writing requirement.
Themes, periods, and contributions of the leading psychologists. Psychological systems such as behaviorism, cognition, and psychoanalysis. Evolution of psychological concepts. Social context.

409. Psychobiology of the Life Span (W)
Spring of odd-numbered years. 3(3-0)
P: PSY 306 or PSY 402. R: Completion of Tier I writing requirement.
Current research on the development and aging of the brain. Aging and behavior.

411. Psychobiology of Motivation (W)
Spring of even-numbered years. 3(3-0)
P: PSY 306 or PSY 402. R: Completion of Tier I writing requirement.
Current research on biological mechanisms that control motivation.

414. Psychology of Language (W)
Spring of odd-numbered years. 3(3-0)
P: PSY 290, PSY 295. R: Completion of Tier I writing requirement.
Experimental psychology of language. Speech perception, word and sentence processing, prose comprehension and memory. Language production, language acquisition, and the brain bases of language development and use.

424. Child and Family Psychopathology (W)
Fall, Spring, Summer. 3(3-0)
P: PSY 244, PSY 295. R: Open only to juniors and seniors in Psychology and in Psychology teaching minors. Completion of Tier I writing requirement.
Description, etiology, and developmental patterns of behavior problems of children, adolescents, and their families. Child and family interventions.

440. Attitudes and Social Cognition (W)
Fall of even-numbered years. 3(3-0)
P: PSY 235, PSY 295. R: Open only to juniors and seniors in Psychology. Completion of Tier I writing requirement.
Psychological research on the cognitive foundations of social behavior. Attribution, stereotyping, impression formation, social memory, and persuasion.

441. Interpersonal Behavior and Groups (W)
Spring of even-numbered years. 3(3-0)
P: PSY 235, PSY 295. R: Open only to juniors and seniors in Psychology. Completion of Tier I writing requirement.
Major theories and research findings in the social psychology of group processes and interpersonal relationships.

442. Stereotypes, Prejudice, and Discrimination (W)
Fall of odd-numbered years. 3(3-0)
P: PSY 235, PSY 295. R: Open only to juniors and seniors in Psychology and in Interdisciplinary Studies in Social Science. Completion of Tier I writing requirement.
Cognitive processes in stereotyping. Contribution of affect and motivation to the linkages among stereotypes, prejudice, and discrimination.

455. Personnel Research Techniques (W)
Fall. 3(3-0)
P: PSY 235, PSY 304. R: Open only to juniors and seniors in Psychology and in Interdisciplinary Studies in Social Science. Completion of Tier I writing requirement.
Quantitative psychological research techniques applied to human resource problems in organizations. Survey research, job analysis, training needs analysis, evaluation and selection, and test validation.

463. Introduction to Cognitive Science
Spring. 3(3-0) Interdepartmental with Philosophy and Linguistics. Administered by Philosophy.
P: PHL 462 or PSY 200 or LIN 401 or CPS 440.
Cognitive processing of information by animals, humans, and computers. Relevant issues in philosophy, linguistics, psychology, neuropsychology, and artificial intelligence.

475. Personality Theories (W)
Spring of odd-numbered years. 3(3-0)
P: PSY 236. R: Open only to juniors and seniors in Psychology. Completion of Tier I writing requirement.
Major personality theories of development, structure, and dynamics. Implications for behavioral disorders and therapy.

476. Research in Personality (W)
Fall. 3(3-0)
P: PSY 236, PSY 295. R: Completion of Tier I writing requirement.
Empirical investigations of personality dynamics. Effects of personality processes on subjective experience and social interaction.

490. 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-disclosures, and constructive approaches to interpersonal confrontations.

493. Literature and Medicine
Spring. 3(3-0) Interdepartmental with English and Lyman Briggs School. Administered by English.
P: Not open to freshmen and sophomores. Completion of Tier I writing requirement.

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