

820. Proseminar in American Politics
Fall. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. The major subfields of American politics. Political behavior within institutions and mass political behavior.
QA: PLS 840

821. State Government and Politics
Spring of even-numbered years. 3(3-0)
Research literature on state government. Interstate differences. Parties, elections, governors, state legislatures, bureaucracy, interest groups, and policy outcomes.
QA: PLS 944

822. Urban Government and Politics
Spring of odd-numbered years. 3(3-0)
Research literature on urban government. Structure, process, and policy issues. Intergovernmental relations and fiscal interdependencies.
QA: PLS 943

850. Proseminar in Comparative Politics
Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Research literature in a subfield of comparative politics. Methods, approaches, and purposes.
QA: PLS 850

851. Development Administration
Fall of even-numbered years. 3(3-0)
Design and organization of policies, programs, and projects for socioeconomic development in poor countries. Effects of politics and culture on organizational performance. Public management process from planning to evaluation.
QA: PLS 916

852. Comparative Public Administration
Fall of odd-numbered years. 3(3-0)
Administrative systems in industrialized countries. Historical origins, personnel recruitment, bureaucracy-parliament interactions, planning and market regulation, public spending, and public outcomes.
QA: PLS 914

853. Political Economy of Development Policy
Spring of even-numbered years. 3(3-0)
Introduction to the political economy of Third World development. Decision making and economic policy.

855. Agrarian Politics in the Third World
Fall of even-numbered years. 3(3-0)
Rural development in developing countries. The sociology and political economy of rural societies in the Third World. Policies for promoting agricultural development.

860. Proseminar in International Relations
Fall of even-numbered years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Theoretical perspectives and analytical approaches to a subfield of international relations.
QA: PLS 860

861. International Political Economy
Fall of odd-numbered years. 3(3-0)
P: EC 340 or approval of department.
Politics of the international economy. Trade issues. International finance. North-South interactions.

870. Proseminar in Political Thought
Fall of even-numbered years. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. Study of a major political thinker.
QA: PLS 870

880. Proseminar in Formal Theory
Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Approval of department.
Formal models in understanding politics. Topics may include game theory, spatial modeling, social choice theory, public choice theory, and dynamic modeling. Theoretical issues and research applications.
QA: PLS 880

881. Decision Theory for Public Managers
Fall. 3(3-0)
R: Open only to graduate students in Public Administration or Political Science, or approval of department.
Techniques for improving individual decision making in complex and uncertain public sector environments. Theoretical issues and practical applications.

883. Programming for Public Policy Analysis
Spring. 3(3-0)
R: Open only to graduate students in Public Administration or Political Science, or approval of department.
Management science techniques for solving complex public policy problems. Applications for public managers and public policy analysts.

894. Field Experience Practicum
Fall, Spring. 3(3-0)
R: Open only to graduate students in Public Administration or Political Science.
Internships in government, private, and government-related agencies or other approved organizations.

895. Degree Project Seminar
Spring. 3(3-0)
R: Open only to graduate students in Public Administration.
Research project integrating theory, field experiences, and independent research in public policy and public administration.

900. Research Seminar in Political Methodology
Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. P: PLS 802.
Advanced topics in political methodology. Individual research projects.

902. Research Seminar in Evaluation Research
Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. P: PLS 802.
Methods and techniques for evaluating the policies and programs of public and non-profit organizations. Individual research projects.

903. Policy Analysis Practicum
Fall, Spring. 3 credits. A student may earn a maximum of 9 credits in all enrollments for this course. P: PLS 811. R: Approval of department.
Field experience in public policy analysis. Work with faculty and public personnel to define and analyze a current public problem.

910. Research Seminar in Public Policy and Public Administration
Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. P: PLS 810 or PLS 811.
Specialized topics in public administration or public policy.

920. Research Seminar in American Politics
Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. P: PLS 820.
Intensive study of one subfield of American politics. Critical evaluation of the literature.

950. Research Seminar in Comparative Politics
Fall of odd-numbered years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. P: PLS 850.
Intensive study of one subfield of comparative politics. Critical evaluation of the literature.

960. Research Seminar in International Politics
Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. P: PLS 860.
Intensive study of one subfield of international politics. Critical evaluation of the literature.

970. Research Seminar in Political Thought
Spring of even-numbered years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. P: PLS 870.
Intensive study of one subfield of political philosophy.

980. Research Seminar in Formal Theory
Fall of odd-numbered years. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. P: PLS 880.
Intensive study of one formal modeling technique used in political science research.

993. Readings in Political Science
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate students in Political Science, Political Science-Urban Studies, or Public Administration or approval of department.
Supervised reading in a subfield of political science, public administration, or public policy.

999. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 12 credits. A student may earn a maximum of 24 credits in all enrollments for this course. R: Open only to doctoral students in Political Science or Political Science-Urban Studies. Approval of department.

PORTUGUESE PRT
**Department of Romance and
Classical Languages
College of Arts and Letters**

101. Elementary Portuguese I
Fall. 4(4-1)
R: No previous experience in Portuguese or approval of department.
Practice in using and understanding Portuguese to develop listening, speaking, reading, and writing skills. Pronunciation, grammar, vocabulary, and cultural topics.
QA: PRT 101, PRT 102

102. Elementary Portuguese II
Spring. 4(4-1)
P: PRT 101 or approval of department.
Further practice in using and understanding Portuguese to develop listening, speaking, reading, and writing skills. Pronunciation, grammar, vocabulary, and cultural topics.
QP: PRT 101 QA: PRT 102, PRT 103

201. Second-Year Portuguese I
Fall. 4(4-0)
P: PRT 102 or approval of department.
Intermediate level review and development of aural comprehension, speaking, reading, and writing skills. Topics in the cultures of the Portuguese-speaking world.
QP: PRT 103 QA: PRT 201, PRT 202

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.
QP: PRT 202 QA: PRT 202, PRT 203

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.
QA: PRT 299

**Descriptions—Portuguese
of
Courses**

- 320. Advanced Portuguese**
Fall. 3(3-0)
P: PRT 202.
Conversation, reading, and writing to develop proficiency.
QP: PRT 203
- 340. Topics in Luso-Brazilian Language and Culture.**
Spring. 3(3-0)
P: PRT 202.
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 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.
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 only to graduate-professional students in 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 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 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 309S
- 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
- 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.
QA: PSY 139
- 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 490 and PSY 491 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, PSY 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.
Theory and research on dynamics, characteristics, and treatment of psychological disorders. Therapies and theories of prevention.
QP: PSY 160 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 STT 200 or STT 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 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.
QP: PSY 160, PSY 170 QA: PSY 215
- 302. Laboratory in Cognitive Psychology**
Fall, Spring. 3(2-2)
P: PSY 200, PSY 295.
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.
QP: PSY 300, PSY 215 QA: PSY 302
- 303. Research Methods in Community Psychology**
Spring. 3(2-2)
P: PSY 270, PSY 295.
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, , Summer. 3(3-0)
P: PSY 295.
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 235, 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 335 QA: PSY 435A
- 306. Observational Research Methods**
Spring. 3(2-2)
P: PSY 101, PSY 295.
Methods for observing, recording, and analyzing behavior in naturalistic and laboratory settings.
QP: PSY 160 or PSY 170, PSY 215
- 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.
QP: PSY 309S or PSY 309N, PSY 215, PSL 241 QA: PSY 309N
- 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.
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