

PHYSIOLOGY

- 447*.** **Topics of Brain Function**
Fall. 2(02-00)
P: PSL 432. R: Open only to Physiology majors.
Selected topic on the functioning of the mammalian brain.
QP: PSL 431 PSL 432
- 448*.** **Topics in Gastrointestinal Physiology**
Fall. 2(02-00)
P: PSL 432. R: Open only to Physiology majors.
Selected topic in the physiology of the digestive system.
QP: PSL 431 PSL 432
- 449*.** **Developmental Neurophysiology**
Fall. 2(02-00)
P: PSL 432. R: Open only to Physiology majors.
Development of the nervous system in invertebrate and vertebrate animals.
QP: PSL 431 PSL 432
- 450*.** **Laboratory in Human Physiology**
Fall. 2(01-03)
P: PSL 432. R: Open only to Physiology majors.
Demonstration of fundamental physiological processes. Sensory input response. Data collection and analysis.
QP: PSL 431 PSL 432 QA: PSL 433
- 475*.** **Capstone Laboratory in Physiology**
Spring. 2(00-06)
P: PSL 432. R: Open only to Physiology majors.
Laboratory exercises in animal physiology including osmoregulation, receptor mediated regulation, nervous and hormonal control of function.
QP: PSL 431 PSL 432
- 480*.** **Special Problems**
Fall, Spring, Summer. 1 to 3 credits.
May reenroll for a maximum of 5 credits.
P: PSL 432. R: Open only to Physiology majors.
Independent study under the auspices of a faculty member.
QA: PSL 480
- 501.** **Introductory Medical Physiology**
Fall. 3(3-0)
R: Graduate-professional students in colleges of Human and Osteopathic Medicine.
Physiological basis of medical practice.
- 511*.** **Veterinary Physiology**
Spring. 5(5-0)
P: Admission to the College of Veterinary Medicine. R: College of Veterinary Medicine Veterinary Medicine none
Physiology of the nervous, cardiovascular, renal, respiratory, digestive, endocrine, and reproductive systems and homeostasis.
- 811*.** **Cellular and Neurophysiology**
Fall. 6(6-0) Interdepartmental with the Department(s) of Zoology.
P: PSL 431, 432 or 401; BCH 462.
Concepts of advanced cellular and neurophysiology including bioenergetics, transport, regulation of metabolic reactions, specialized cell functions and neurophysiology.
QP: PSL 431 PSL 432ORPSL 401PSL 402
QA: PSL 811 PSL 812
- 812*.** **Advanced Systems Physiology**
Spring. 6(6-0)
P: Psl 811
Basic and advanced concepts of systems physiology including cardiovascular, renal, respiratory, endocrine, reproduction, and gastrointestinal physiology. Continuation of Psl 811.
QA: PSL 812 PSL 813

- 841*.** **Advanced Endocrine Physiology and Pharmacology**
Fall. 4(4-0) Interdepartmental with the Department(s) of Animal Science, Pharmacology and Toxicology, Psychology.
P: PSL 431, 432; BCH 461
Basic and advanced concepts of endocrine and reproductive physiology and pharmacology.
QA: PSL 841
- 890*.** **Readings in Biophysics**
Fall, Spring, Summer. 3 to 6 credits.
May reenroll for a maximum of 6 credits.
P: Junior Standing R: Juniors or above
Readings in biophysics.
QA: PSL 890
- 899*.** **Master's Thesis Research**
Fall, Spring, Summer. 1 to 6 credits.
May reenroll for a maximum of 24 credits.
P: approval of department
Master's research thesis.
QA: PSL 899
- 901*.** **Investigating the Lung**
Fall. 3(3-0) Interdepartmental with the Department(s) of Large Animal Clinical Sciences.
Classic and current concepts of respiratory structure and function in health and disease and mechanisms of lung injury.
QA: PSL 901 LCS 901
- 919*.** **Cardiovascular System**
Fall. 3(3-0) May reenroll for a maximum of 9 credits.
R: approval of department
Classical and current literature on physiology of heart, circulation and microcirculation. Each fall a different one of these topics will be discussed.
QA: PSL 919
- 950*.** **Topics in Physiology**
Fall, Spring, Summer. 1 to 3 credits.
May reenroll for a maximum of 9 credits.
R: Approval of department
Classical and modern concepts in selected areas of physiology.
QA: PSL 950
- 980*.** **Problems in Physiology**
Fall, Spring, Summer. 1 to 4 credits.
May reenroll for a maximum of 8 credits.
P: Approval of department
Individual work on selected research problems in physiology.
QA: PSL 980
- 999*.** **Doctoral Dissertation Research**
Fall, Spring, Summer. 1 to 6 credits.
May reenroll for a maximum of 48 credits.
R: Approval of department
Doctoral dissertation research
QA: PSL 999

POLITICAL SCIENCE PLS

- 100.** **Introduction to American National Government**
Fall, Spring, Summer. 3(3-0)
R: NONE NONE NONE NONE
The policymaking process in national government, with emphasis on political participation, the presidency, congress, supreme court, bureaucracy, and civil rights and civil liberties.
- 140.** **Introduction to Comparative Politics**
Fall, Spring, Summer. 3(3-0)
R: NONE NONE NONE NONE
Comparative analysis of political systems in first, second, and third-world countries. Alternative methods for comparative cross-cultural analyses of political systems.
- 160.** **Introduction to International Relations**
Fall, Spring, Summer. 3(3-0)
R: NONE NONE NONE NONE
Dynamics of conflict and cooperation. Processes of foreign policy decision making. Major international economic issues. Basic future trends. Primary analytical approaches for studying world politics.
- 170.** **Introduction to Political Philosophy**
Fall, Spring, Summer. 3(3-0)
R: NONE NONE NONE NONE
Basic questions of political philosophy as considered from ancient to modern times. Primary focus on the origins, defense, and radical critiques of modern liberal democracy.
- 200.** **Introduction to Political Science**
Fall, Spring, Summer. 4(4-0)
R: NONE NONE NONE NONE
The science of politics. theory construction, model building, empirical testing, and inductive inference. Examples from American, international and comparative politics.
QP: PLS 290
- 201.** **Introduction to Methods of Political Analysis**
Fall, Spring, Summer. 4(4-0)
P: PLS 200. R: NONE NONE NONE
NONE
Philosophy of social science. Principles of research design, measurement, hypothesis testing, measures of association, cross tabulations, and regression analysis.
- 301*.** **American State Government**
Spring. 3(3-0)
P: PLS 100.
Structure and processes of American state government. Interstate differences. Constitutions, elections, political parties, interest groups, and intergovernmental relations. Policy focus on education, welfare, and criminal justice.
QP: PLS 100 QA: PLS 301
- 310*.** **Public Bureaucracy in the Policy Process**
Fall, Spring. 3(3-0)
P: PLS 100. R: None None None None
Role of public bureaucracy in the U.S. Theories of administrative behavior and the impact of hierarchy on policymaking. Relations with the president, Congress, interest groups, and the public. Administrative functions, responsiveness, and ethics.
QP: PLS 100 QA: PLS 310
- 313*.** **Public Policy Analysis**
Fall, Spring, Summer. 3(3-0)
P: PLS 100. R: None None None None
Political and economic concepts for evaluating the consequences of government decision making. Issues of problem identification, policy adoption, and implementation affecting program evaluation.
QP: PLS 100 QA: PLS 313
- 320*.** **The American Judicial Process**
Fall, Spring. 3(3-0)
P: PLS 100. R: Not open to freshmen and sophomores.
Analysis of the structure and functions of judicial systems. Organization, administration, and politics of judicial bureaucracies. Roles of judges, juries, counsel, litigants, and interest groups in adjudication process.
QP: PLS100 QA: 320

POLITICAL SCIENCE

321*. American Constitutional Law
 Fall, Spring. 3(3-0)
 P: PLS 100. R: Not open to freshmen and sophomores.
 U.S. Supreme Court policy making and its effect on issues of current importance, including First Amendment freedoms, due process, race relations, sex discrimination, and privacy.
 QP: PLS 100 QA: PLS 321

324*. American Legislative Process
 Spring. 3(3-0)
 P: PLS 100.
 The design of Congress. Rules, structures, and procedures affecting policy making. Impact of regular elections on legislative behavior.
 QP: PLS 100 QA: PLS 324

325*. American Executive Process
 Fall. 3(3-0)
 P: PLS 100.
 Role of the president in the U.S. political system. Constitutional questions, presidential selection, presidential power, interbranch relations, and presidential policy making.
 QP: PLS 100 QA: PLS 325

331*. Political Parties and Interest Groups
 Spring of even-numbered years. 3(3-0)
 P: PLS 100.
 Origins, structure, and activities of political parties. Role of parties and interest groups in elections and in government. Internal politics of parties and of private associations.
 QP: PLS 100 QA: PLS 331 PLS 332

333*. Political Socialization and Public Opinion
 Fall, Spring. 3(3-0)
 P: PLS 100.
 Role of public opinion in political systems and its impact on the political process. Group differences, political socialization, development and change of political attitudes and behavior patterns. Methods of studying public opinion.
 QP: PLS 100 QA: PLS 333 PLS 339

334*. Campaigns and Elections
 Fall, Spring. 3(3-0)
 P: PLS 100.
 The nominating process. Recruitment of candidates and the formation of electoral coalitions. Analysis of election results. Trends in electoral support for officeholders and parties.
 QP: PLS 100 QA: PLS 334

342*. Comparative Political Economy
 Spring. 3(3-0)
 P: PLS 140 R: None None None None
 Democratic politics and the linkages among political, social, and economic conceptions of equality in developed and developing countries.
 QP: PLS 140 QA: PLS 338

344*. Politics in the Third World
 Fall, Spring. 3(3-0)
 P: PLS 140.
 Politics of modernization, democratic and authoritarian regimes, and class and ethnicity in developing countries.
 QP: PLS 140 QA: PLS 344

351*. African Politics
 Fall. 3(3-0)
 P: PLS 140.
 Political institutions and governmental processes in Sub-Saharan Africa.
 QP: PLS 140 QA: PLS 347

354*. Politics of Asia
 Fall of even-numbered years, Spring of even-numbered years. 3(3-0)
 P: PLS 140.
 Political institutions, political actors, and policy-making processes in selected Asian countries.
 QP: PLS 140 QA: PLS 354

356*. West European Politics
 Fall. 3(3-0)
 P: PLS 140.
 Governmental institutions and processes, political socialization, and political culture in Western Europe, including Great Britain.
 QP: PLS 140 QA: PLS 356

357*. Politics of English Speaking Democracies
 Summer. 3(3-0)
 P: PLS 140.
 Political institutions, political actors, and political culture in Britain, Australia, or Canada.
 QP: PLS 140 QA: PLS 349

358*. Politics of the U.S.S.R.
 Fall of even-numbered years, Spring of odd-numbered years. 3(3-0)
 P: PLS 140.
 Political history, communist ideology, state institutions and political processes in the Soviet Union.
 QP: PLS 140 QA: PLS 358

361*. International Political Economy
 Fall. 3(3-0)
 P: PLS 160 or MC 220 and EC 201 and EC 202 R: None None None None
 Introduction to the politics of international economics. Theories of international political economy.
 QP: PLS 160 EC 201EC 202

362*. Foreign Policy
 Spring of odd-numbered years. 3(3-0)
 P: PLS 160 or MC 220 or MC 221.
 Theories of foreign policy making. Factors shaping foreign policy in various countries. Current and recurrent problems in foreign policy making.
 QP: PLS 160 QA: PLS 362 PLS 367

363*. International Political Conflict
 Fall of even-numbered years. 3(3-0)
 P: PLS 160. R: Not open to students with credit in MC 220.
 Conflict, war, and conflict resolution in the international system.
 QP: PLS 160

371*. Classical Political Philosophy
 Fall, Spring. 3(3-0)
 P: PLS 170. R: Not open to students with credit in MC 270.
 Examination of major themes in classical political philosophy as represented by such Greek and Roman philosophers as Plato, Aristotle, or Cicero.
 QP: PLS 170 QA: PLS 370 PLS 371

372*. Modern Political Philosophy
 Fall, Spring. 3(3-0)
 P: PLS 170.
 Major themes of modern political philosophy as represented by such thinkers as Machiavelli, Hobbes, Rousseau, Marx, and Nietzsche.
 QP: PLS 170 QA: PLS 372

377*. American Political Thought
 Fall of even-numbered years. 3(3-0)
 P: PLS 170. R: Not open to students with credit in MC 271.
 Major themes of American political thought. Topics may include the founding of the U.S., naturalism, race relations, or progressivism.
 QP: PLS 170 QA: PLS 377 PLS 378

381*. Collective Decision Making in Politics
 Fall. 3(3-0)
 P: PLS 200.
 Formal models of collective decision making in politics. Topics may include social choice theory, decision making under uncertainty, public choice theory and rent-seeking, spatial models, principal-agent models, or dynamic models.
 QP: PLS 200

382*. Game Theory and Politics
 Spring. 3(3-0)
 P: PLS 200 R: None None None None
 Game theory models of politics. Topics may include non-cooperative two-person games, extensive form games, asymmetric information games, equilibrium refinements, and bargaining. Empirical and experimental tests of formal models in politics.
 QP: PLS 200

420*. American Politics and Public Administration
 Spring. 3(3-0) May reenroll for a maximum of 6 credits.
 P: PLS 301 or PLS 310 or PLS 324 or PLS 325 or PLS 331 or PLS 333 or PLS 334.
 R: Not open to freshmen and sophomores.
 Capstone course in one subfield of either American politics or public administration. Potential topics include legislative behavior, policy analysis, bureaucratic politics, electoral politics, and the determinants of voting behavior.

440*. Comparative Politics
 Fall of even-numbered years, Spring of odd-numbered years. 3(3-0) May reenroll for a maximum of 6 credits.
 P: PLS 342 or PLS 344 or PLS 351 or PLS 354 or PLS 356 or PLS 357 or PLS 358.
 R: Not open to freshmen and sophomores.
 Capstone course in one subfield of comparative politics. Potential topics include political development, urbanization, role of public opinion, human rights, and women in development.
 QA: PLS 454

460*. International Relations
 Spring. 3(3-0) May reenroll for a maximum of 6 credits.
 P: PLS 361 or PLS 362 or PLS 363. R: Not open to freshmen and sophomores.
 Capstone course in one subfield of international relations. Potential topics include international conflict, foreign policy, dispute resolutions, and international political economy.
 QA: PLS 469

470*. Political Thought
 Fall of odd-numbered years, Spring of even-numbered years. 3(3-0) May reenroll for a maximum of 6 credits.
 P: PLS 371 or PLS 372 or PLS 377. R: Not open to freshmen and sophomores.
 Capstone course in one area of political thought. Potential topics include liberty, justice, equality, Aristotle, Plato, Locke, Hobbes, and Mill.

480*. Formal Theories of Politics
 Spring. 3(3-0) May reenroll for a maximum of 6 credits.
 P: PLS 381 or PLS 382. R: Not open to freshmen and sophomores.
 Capstone course in one subfield of formal theory. Potential topics include game theory, decision theory, and dynamic modeling. Approaches may be either theoretical or applied.
 QP: PLS 200

490H*. Honors Internship
 Fall, Spring, Summer. 3 to 6 credits.
 May reenroll for a maximum of 9 credits.
 R: Open only to Honors College students.
 Supervised participation in research or teaching.
 QA: PLS 490H

491H*. Senior Honors Thesis
 Fall, Spring, Summer. 3 to 6 credits.
 May reenroll for a maximum of 9 credits.
 R: Open only to seniors in the Political Science Honors Program.
 Original research and writing under direction of a faculty member.
 QA: PLS 491H

POLITICAL SCIENCE

- 494*.** *Field Experience in Political Science*
Fall, Spring, Summer. 3 to 12 credits.
May reenroll for a maximum of 12 credits.
R: Approval of department.
Supervised field work in several areas of study. It may involve internships with non-profit organizations or public agencies, or participation in survey research, political campaigns, or petition drives.
QA: PLS 494
- 495*.** *Independent Study*
Fall, Spring, Summer. 1 to 6 credits.
May reenroll for a maximum of 6 credits.
R: Approval of instructor.
Individual research and reading supervised by a faculty member.
QA: PLS 495
- 810*.** *Proseminar in Public Administration*
Fall. 3(3-0)
Expertise and bureaucratic power. Relations with political institutions. Role of public employees, the politics of administrative processes, and administrative ethics.
QP: PLS 810A QA: PLS 810A
- 811*.** *Proseminar in Policy Analysis*
Spring. 3(3-0)
P: PLS 810.
Economic and political techniques for analyzing public policies. Utility and limitations of these techniques and their use and abuse in public policy analysis.
QP: PLS 810A QA: PLS 810B
- 812*.** *Theories of Administrative Organization*
Fall. 3(3-0)
Decisionmaking, hierarchy, control, participation, and the political context of public organization.
QA: PLS 911
- 813*.** *Politics of Public Finance*
Spring. 3(3-0)
R: None None None Graduate standing
Survey of the literature on the politics of public finance. Resource management in the public sector. Taxation and other revenue sources. Regulation, income redistribution, and fiscal federalism.
- 815*.** *Public Personnel Administration*
Fall of odd-numbered years. 3(3-0)
Historical development and current practices of personnel management in government. Employee recruitment and selection, affirmative action, labor relations, and employee development.
QA: PLS 812
- 816*.** *Administrative Law*
Fall of even-numbered years. 3(3-0)
Administrative law in public agencies. Rulemaking and adjudication. The Administrative Procedures Act of 1946. Political control by the executive and legislative branches. Judicial review of agency actions.
- 818*.** *Politics of Public Budgeting*
Spring. 3(3-0)
R: None None None Graduate standing
Public budgeting and public expenditure. Historical, institutional, and policy perspectives. Theory, practice, and empirical analysis.
QA: PLS 815
- 820*.** *Proseminar in American Politics*
Fall. 3(3-0) May reenroll for a maximum of 6 credits.
The major subfields of American politics. Political behavior within institutions and mass political behavior.
QA: PLS 820
- 821*.** *State Government and Politics*
Spring of odd-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 even-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) May reenroll for a maximum of 6 credits.
R: None None None Graduate standing
The literature of comparative politics, including a critical examination of its methods, approaches, and purposes.
QA: PLS 850
- 851*.** *Development Administration*
Fall of even-numbered years. 3(3-0)
R: None None None Graduate standing
Design and organization of policies, programs, and projects for Third World socioeconomic development. Effects of politics and culture on organizational performance. The 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 odd-numbered years. 3(3-0)
Introduction to the political economy of Third World development. Decisionmaking 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.
- 856*.** *International Development and Sustainability*
Spring of odd-numbered years. 3(3-0)
Interdepartmental with the Department(s) of Resource Development, Anthropology,
P: RD 801 or instructor approval R: None None None Graduate standing
The environmental, economic, political, legal, managerial, and cultural components of sustainable development.
QP: RD801
- 860*.** *Proseminar in International Relations*
Fall of even-numbered years. 3(3-0)
May reenroll for a maximum of 6 credits.
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)
R: None None None Graduate standing
The 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)
May reenroll for a maximum of 6 credits.
R: None None None Graduate standing
Major topics in political thought.
QA: PLS 870
- 880*.** *Proseminar in Formal Theory*
Spring. 3(3-0) May reenroll for a maximum of 6 credits.
R: None None None Graduate standing
Formal models in understanding politics. 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: None None None Graduate standing
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: None None None Graduate standing
Management science techniques for solving complex public policy problems. Applications for public managers and public policy analysts.
- 903*.** *Policy Analysis Practicum*
Fall, Spring. 3(3-0) May reenroll for a maximum of 9 credits.
R: None None None Graduate standing
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) May reenroll for a maximum of 9 credits.
R: None None None Graduate standing
Intensive study of specialized topics in public administration or public policy. Group or individual research project required.
- 920*.** *Research Seminar in American Politics*
Spring. 3(3-0) May reenroll for a maximum of 9 credits.
R: None None None Graduate standing
Intensive study of one subfield of American politics. Critical evaluation of the literature and execution of individual research projects.
- 950*.** *Research Seminar in Comparative Politics*
Fall. 3(3-0) May reenroll for a maximum of 9 credits.
R: None None None Graduate standing
Intensive study of one subfield of comparative politics. Critical evaluation of the literature and execution of individual research projects.
- 960*.** *Research Seminar in International Politics*
Spring. 3(3-0) May reenroll for a maximum of 9 credits.
R: None None None Graduate standing
Intensive study of one subfield of international politics. Critical evaluation of the literature and execution of individual research projects.

POLITICAL SCIENCE

970*. **Research Seminar in Political Thought**
 Spring of odd-numbered years. 3(3-0)
 May reenroll for a maximum of 9 credits.
 R: None None None Graduate standing
 Intensive study of one subfield of political philosophy.

980*. **Research Seminar in Formal Theory**
 Fall. 3(3-0) May reenroll for a maximum of 9 credits.
 R: None None None Graduate standing
 Intensive study of one formal modeling technique used in political science research.

PORTUGUESE PRT

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.
 R: Placement
 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 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 203

290*. **Independent Study**
 Fall, Spring, Summer. 1 to 4 credits.
 May reenroll for a maximum of 4 credits.
 R: Approval of the Department
 Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.
 QA: PRT 299

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, Summer. 1 to 4 credits.
 May reenroll for a maximum of 4 credits.
 R: Approval of the Department
 Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.
 QA: PRT 499

PSYCHIATRY PSC

591. **Special Problems in Psychiatry**
 Fall, Spring, Summer. 1 to 6 credits.
 May reenroll for a maximum of 12 credits.
 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: Pass all preclinical courses for COM students R: Grad Prof Students in Colleges of Human and Osteopathic Medi
 Contemporary practice of psychiatry utilizing supervised 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: Grad Profes Students in 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: Grad Prof Students in Colleges of Human & Osteopathic Medic
 Subspecialty experiences in psychiatry in clinical settings with child patients and their families

PSYCHOLOGY PSY

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.
 QP: PSY 160 ORPSY 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 ORPSY 170 QA: PSY309S OR PSY 309N

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. 3(2-2)
 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 ORPSY 170 QA: PSY225

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 3 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.
 QP: PSY 160 ORPSY 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.

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 ORPSY 170 QA: PSY370

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 ORPSY 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 R: Social Science Social Science Secondary Teaching Minors
 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 ORPSY 170 QA: PSY 215