

## POLITICAL SCIENCE (POLI)

**201. American Politics.** [LCCN: CPOL 2013, Introduction to American Government] Credit 3 hours. A study of the problems, principles, and structure of the American national political system. Offered every semester. (Summer, Fall, Spring)

**202. State and Local Politics.** [LCCN: CPOL 2113, Introduction to State and Local Government] Credit 3 hours. A study of the problems, principles, and structure of state and local politics in the United States. Special attention to Louisiana state and local politics. Offered every semester. (Summer, Fall, Spring)

**300. Research Methods and Statistics in Political Science.** Credit 3 hours. Emphasis on the elements of social scientific research as they apply to the field of political science. This course is also designed to satisfy computer literacy goals in the department. Offered every semester. (Summer, Fall, Spring)

**400/500. Independent Study.** Credit 3 hours. Prerequisites: Junior standing or permission of the Department Head. Conducted as a tutorial for individual students seeking additional work beyond the introductory level. Readings chosen according to student interest, academic orientation, and level of preparedness. Evaluations conducted on the basis of discussions and written assignments. Students taking this course for graduate degree credit must expect greater reading and paper requirements. May be repeated once but Department Head approval is required to count more than 3 hours toward the B.A. in Political Science or M.A. in History. (As Needed)

**401/501. Introduction to Public Law.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. American law in action. Definition, classification, function, and relationships of law. The study of the role of legislatures and the courts in the legal process, theories of justice, and the development of modern jurisprudence. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Odd Year Fall Semesters)

**403/503. Constitutional Law.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. A survey of the interpretation of the law according to the United States Constitution. Special emphasis on the study of cases in local, state, and federal courts. Class discussion and analysis of cases will be featured. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Even Year Spring Semesters)

**405/505. Criminal Justice and the U.S. Constitution.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An investigation of basic constitutional problems involving criminal justice procedures with an emphasis on landmark U.S. Supreme Court decisions. Credit cannot be given for both Criminal Justice 405/505 and Political Science 405/505. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Odd Year Spring Semesters)

**406/506. The Administration of the American Courts Systems.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An examination of the theory, practice, people, major issues and problems of the American civil and criminal court systems. Credit cannot be given for both Criminal Justice 406/506 and Political Science 406/506. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (As Needed)

**407/507. Civil Rights and Civil Liberties.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. Emphasis will be placed on First Amendment freedoms and on the Fourteenth Amendment Due Process and Equal Protection clauses. The study of cases will be supplemented by readings. Special attention is given to current problems. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Odd Year Spring Semesters)

**420/520. International Relations.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. Introductory study of principles and problems relating to the relations between nations. Special attention will be given to current world problems. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Even Year Spring Semesters)

**422/522. International Organizations.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. Regional, functional, and universal international organizations. Consideration of structure, process, and activities. Attention to their role as forces for change. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Even Year Fall Semesters)

**424/524. International Political Economy.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. The study of the interplay between politics and economics in the international arena. We begin by examining the theoretical frameworks of Classical Liberalism, Marxism, systems theory, etc., and how they apply to the advanced industrial nations and the developing nations. We also focus on the political environments that have emerged and their impact on the economic well-being of the northern and southern hemispheres. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Even Year Fall Semesters)

**425/525. Comparative European Politics.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. The comparative study of European political systems, concentrating on politics in Great Britain, France, Germany, Italy, and Russia, including an analysis of the development and current status of the European Union. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Fall)

**426/526. Comparative Politics of Developing Nations.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. The study of the political systems of developing nations, examining the progression of their political and economic systems, emphasizing the interrelated effects of these systems within each nation. Concentrating on India, Greater China, Brazil, Japan and the Pacific Rim, and nations of sub-Saharan Africa. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Spring)

**428/528. Middle East Politics.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An examination of the Middle East and the development of its geographical and political boundaries. A brief historical background introduces the contemporary nations of the Middle East, concentrating on a comparative analysis of their political systems, the international relations between these nations (through organizations such as OPEC and the Arab League), and relations between the Middle East and political systems outside of the region. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Odd Year Fall Semesters)

**432/532. Southern Politics.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An examination of the politics of the American South, focusing on the dramatic political developments and shifts within the region since World War II. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Fall)

**434/534. The American Presidency.** Credit 3 hours. Prerequisite: POLI 201 and ENGL 102. An analysis of the creation, history, and development of the office of the presidency. Special attention will be given to the powers and responsibilities of the modern presidency. Students taking this course for graduate degree credit must expect greater reading and paper requirements. Offered every spring in even-numbered years. (Even Year Spring Semesters)

**436/536. Legislative Process.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An analysis of the principles, procedures, and problems of law-making in the United States, including Congress and state legislatures. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Odd Year Spring Semesters)

**437/537. The Louisiana Legislature in Session.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. Intensive coverage of the Louisiana legislature in session. Special emphasis on actual daily attendance of the legislative session in Baton Rouge, observing committee hearings and floor debates, and meeting the players in the legislative arena. Students taking this course for graduate degree credit must expect greater reading and paper requirements. Offered every year as a summer interim course. (Summer)

**438/538. Political Parties.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. A study of the origin, development, and functions of American political parties. Students taking this course for graduate degree credit must expect greater reading and paper requirements.. (Even Year Fall Semesters)

**440/540. Louisiana Politics.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. A study of patterns, trends, and issues important to the development of Louisiana politics and political culture. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Odd Year Fall Semesters)

**442/542. Polling and Public Opinion.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An examination of the content, causes, and effects of public opinion in American politics. Special emphasis on the tools of public opinion research. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Odd Year Fall Semesters)

**444/544. American Foreign Policy.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. A study of the patterns, trends, and sources of American foreign policy. Particular emphasis on post-World War II foreign policy. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Odd Year Spring Semesters)

**446/546. Politics and the Environment.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An exploration of the evolution of modern environmental policy in the United States. A focus on the American approach to domestic and international environmental issues. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Even Year Spring Semesters)

**450/550. Ancient and Medieval Political Theory.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. Political thought of Greece, Rome, Medieval Europe, and the emergence of modern political concepts. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Odd Year Fall Semesters)

**451/551. Modern and Contemporary Political Theory.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. Political thought in recent times which strongly reflects the impact of the industrial revolution. Socialism, Marxism, Communism, Nazism, and Fascism are considered. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Even Year Spring Semesters)

**452/552. American Political Theory.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. Significant American political ideas from colonial times to the present. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Even Year Fall Semesters)

**460/560. Public Administration.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. An analysis of the personnel programs, financial procedures, and administrative structure of American government Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Fall)

**462/562. Special Topics in Public Administration and Public Policy.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. A detailed study of a topic within the fields of public administration and/or public policy. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (Even Year Spring Semesters)

**470. Internships in Political Science.** Credit 3 hours. Prerequisite: A minimum grade point average of 2.7 cumulative and 3.0 in political science. An opportunity for students to learn about government and politics from the viewpoint of a participant. Interns must work a minimum of 20 hours per week during a regular semester, a minimum of 40 hours per week during a summer semester, at times mutually agreeable to the individual and the agency. Any reading and paper requirements must be satisfied. All grade requirements and criteria will be established ahead of time by the faculty internship coordinator. Course may be taken twice for a maximum of 6 credit hours. Each instance may be substituted for 3 required credit hours in a particular subfield of political science at the 400 level, though there can be no such substitution for POLI 490. (As Needed)

**475/575. International Political Simulations.** Credit 3 hours. Prerequisites: POLI 201 and ENGL 102. This course prepares students for political simulations of policy decisions within international organizations. While the most common format for such simulations is that provided by the Model United Nations, other possible simulation formats include the Model Organization of American States, the Model European Union, the Model North Atlantic Treaty Organization, and the Model Arab League, among others. Students taking this course for graduate degree credit must expect greater reading and paper requirements. (As Needed)

**480/580. Special Topics in Political Science.** Credit 3 hours. Prerequisites: Junior standing or permission of Department Head approval. A detailed study of a topic selected by the instructor. Topics and instructors will vary. May be repeated once, but Department Head is required to count more than 3 hours toward the B.A. in Political Science or M.A. in Political Science. (As Needed)

**490. Seminar for Political Science Majors.** Credit 3 hours. Prerequisite: Senior standing or permission of the Department Head. A seminar style readings course designed to give students a general survey of the field of political science. This course serves as a capstone course for majors in political science. (Summer, Fall, Spring)

**600 [GOVT 602]. Seminar: Special Topics in American Politics.** Credit 3-6 hours. Course may be taken twice, for a maximum of 6 credit hours, when the subject matter differs.. (As Needed)

**610 [GOVT 604]. Seminar: Special Topics in International Politics.** Credit 3-6 hours. Course may be taken twice, for a maximum of 6 credit hours, when the subject matter differs. (As Needed)

## PROCESS TECHNOLOGY (PTEC)

**101. Introduction to Process Technology.** Credit 3 hours. An introduction to the field of Process Technology and the role of process operators within the plant. Major topics to be studied include operator performance and responsibilities, employer expectations, plant safety, responsible care and compliance with regulations, instrumentation, plant equipment and processes, and industrial process control.

**131. Instrumentation I.** Credit 3 hours. An introduction to the common instrumentation components and their operation and their function within a control loop. Students will be introduced to pressure, temperature, level and flow measurement as well as controllers, valve positioners and relays. Two hours of lecture and two hours of laboratory per week. Laboratory fee required.

**132. Instrumentation II.** Credit 3 hours. Prerequisites: Process Technology 131 and Computer Science 110. A detailed study of instrumentation as applied to industrial process control. Major topics to be studied include control concepts, functional structure of feedback control, sensors and transmission systems, controllers, process dynamics and tuning control systems. Two hours of lecture and two hours of laboratory per week. Laboratory fee required.

**161. Plant Equipment.** Credit 3 hours. A study of industrial plant equipment, including their construction, principles of operation, and utilization within process systems. Equipment to be studied includes pumps, compressors, valves, instruments, boilers, furnaces, turbines, heat exchangers, and cooling towers. Two hours of lecture and two hours of laboratory per week. Laboratory fee required.

**207. Statistical Quality Control.** Credit 3 hours. Prerequisites: Process Technology 242 and Mathematics 161. A study of the statistical quality control requirement of process industries. Major topics include internal and external customer/supplier relationship, total quality management, statistical methods of quality control, and computer software SPC/SQC programs.

**242. Unit Operations.** Credit 3 hours. Prerequisites: Process Technology 101 and 161. A functional examination of the general types of processes found in the chemical and refining industries, including distillation and fractionation, reaction, absorptions, adsorption, extraction, stripping, cracking, alkylation, hydroprocessing, clarification and water treatment. Two hours of lecture and two hours of laboratory per week. Laboratory fee required.

**243. Industrial Process Control.** Credit 4 hours. Prerequisites: Process Technology 132 and 242 and Chemistry 101 and 103. An advanced study of the design and control of industrial processes. Students will be required to operate and monitor process plant simulators and troubleshoot system upsets. Two hours of lecture and four hours of laboratory per week. Laboratory fee required.

**263. Fluid Mechanics.** Credit 3 hours. Prerequisites: Process Technology 132 and Physics 191 and 193. A study of the principles of fluid mechanics which provide the theoretical foundation required for the design, construction, installation and operation of plant equipment and process units.