685. Vertebrate Neural Systems I
Fall of odd-numbered years. 5(3-4)
Approval of department; ANT 815 and BPY 625 recommended. Interdepartmental with the Zoology, Biophysics and Psychology Departments and administered by the Psychology Department.
Structure and function of major component systems of vertebrate brains, their evolution, ontogeny and comparative analysis in mammals, birds, reptiles, amphibians and fish. Interrelation of behavioral, anatomical and physiological studies.

686. Vertebrate Neural Systems II
Winter of even-numbered years, 5(3-4)
PSY 885. Interdepartmental with the Psychology, Biophysics and Zoology Departments and administered by the Zoology Department. Continuation of 885. Major component systems of vertebrate brains, their evolution, ontogeny, and comparative analysis in mammals, birds, reptiles, amphibians and fish. Interrelation of behavioral, anatomical, and physiological studies.

899. Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

910. Seminar
Fall, Winter, Spring. 1-1(0) May re-enroll for a maximum of 2 credits for the Master's program and a maximum of 4 additional credits for either the Ph.D. or the diploma program.

915. Respiratory Physiology
Fall. 4(3-2) 801, approval of department.
Development of ideas leading to our present state of knowledge in respiration.

919. Cardiovascular System
Fall. 4(3-3) 892.
Outstanding literature on physiology of heart, blood vessels and dynamics, cardiac output and circulation in special regions. Appropriate methodology discussed. Laboratory work illustrates principles of special procedures.

950. Topics in Physiology
Fall, Winter, Spring. 1 to 3 credits. May re-enroll for a maximum of 9 credits. Approval of department.
Classical and modern concepts in selected areas of physiology.

999. Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

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POTENTIAL SCIENCE

College of Social Science

100. American National Government
Fall, Winter, Spring, Summer. 4(3-0)
Major aspects of national government with emphasis on the policy-making process.

140. Comparative Politics
Fall, Winter, Spring. 4(3-0)
Comparison of political systems in western and non-western nations.

160. International Relations
Fall, Winter, Spring, Summer. 4(3-0)
Contemporary world affairs surveyed. The struggle for power, the nation-state system; factors creating harmony and hostility among nations. War and peace in our time.

170. The Test
Fall, Winter, Spring, Summer. 4(3-0)
Introduction to basic contemporary political ideologies, theoretical foundations of democracy, socialism, communism, political elitism, and nationalism. Special attention to ideology underlying contemporary political problems.

200. Introduction to Political Science
Fall, Winter, Spring. 4(3-0)
Acquaints the student with the theories, methods and concepts of political science. Emphasis on ideology and interests in the political process.

290. Methods of Political Research
Fall, Winter. 4(3-0) 200.
Design and execution of research in political behavior and institutions. Major emphasis on logic underlying various types of political research, on identification of appropriate data sources and field methods.

301. American State Government
Fall, Winter, Spring. 4(3-0)
Major aspects of policy-making process at the state government level. Comparison of state political systems.

302. American Urban Government
Fall, Winter, Spring. 4(3-0)
Urban political process in America. Politics of policy-making for urban functions; politics of intergovernmental relations.

303. Michigan Government
Spring. 4(3-0)
How Michigan government is organized and conducted and how policies are made; sources of executive- legislative conflict; politics of taxation; role of the state in local affairs; balance of political forces in the state.

310. Public Bureaucracy in the Policy Process
Fall, Spring. 4(3-0)
Introduces student to following major areas of public administration: development of administration in the U.S.; theories of administrative organization; principles and methods of administrative management; executive leadership; interpersonal and intergroup relationships; levels of decision making, ethics and responsibility.

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313. Public Policy Analysis
Winter. 4(3-0)
Problems and methods in perception of public problems, determination of goals, generation and evaluation of alternatives, policy choices. Planning and program budgeting, political and analytical methods of policy making compared.

320. The American Judicial Process
Fall, Winter, Spring, Summer. 4(3-0)
Analysis of the structure and functions of judicial systems. Organization, administration, and politics of judicial bureaucracy. Roles of judges, juries, counsel, litigants, and interest groups in adjudication processes.

321. Judicial Policy Making
Fall, Spring. 4(3-0)
Consideration of political behavior of judges (especially Justices of Supreme Court) and their policy making. Focus on policy questions currently important, including civil liberties, national economic policy and interrelationships among governmental units.

324. The American Legislative Process
Winter. 4(3-0)
Nature of legislative process in the United States; organization and procedure of legislative bodies; direct legislation; relationship of legislative branch to other branches of government.

325. The American Executive Process
Spring. 4(3-0)
Role of the president, state governors, and municipal executives in the American system of government. Analysis and discussion of constitutional status and powers, selection, administrative responsibilities, legislative and political leadership, accountability and responsibility of chief executives.

329. Socialist Politics in the U.S.
Spring. 4(3-0)
The politics of Marxist and non-Marxist socialism from the post-Civil War to the present. Political parties, social movements, ideas, and individuals.

331. American Political Parties
Fall, Winter, Spring. 4(3-0)
Origins, structure, and functions of political parties. Dynamics of the two-party system. Role of third parties.

332. Interest Groups and Political Movements
Winter. 4(3-0)
Group theory and politics. Growth of organizations and associations to represent the interests of businesses, labor, agricultural, professional, veterans, and other groups. Interest politics of private associations and their impact on public policy.

333. Political Opinion and Voting Behavior
Fall, Winter, Spring. 4(3-0)
Development of political attitudes, ideology, and partisanship and their relation to voting behavior; political participation; comparisons of mass and elite attitudes and behavior; representation of public opinion in the political system.
334. Campaigns and Elections  
Fall, Spring. 4(3-0)  
Methods of campaigning. Nominating process and recruitment of candidates. Formation of electoral alliances and analysis of election results. Examination of trends and changes in electoral support.

335. Comparative Parties and Pressure Groups  
Spring. 4(3-0)  
Dynamics of political party and pressure group behavior in selected political systems. Comparative analysis of organization, ideologies, membership, leadership, tactics, power and influence of parties.

336. Black Political Movements  
Fall. 4(3-0)  
Examines attempts of blacks to gain political access and identity in America from post civil war through black nationalism. Treated as a case study of the politics of social movements.

337. Ethnicity, Race and Politics  
Winter. 4(3-0)  
Juniors.  
Ethnicity and race as factors in the political process and as issues of public policy.

340. Theories of Comparative Politics  
Fall, Winter, Spring. 4(3-0)  
Alternative methods for comparative cross-cultural analysis of political systems. Political structures, functions, cultures, stability and change. The problem of equivalence.

344. The Politics of Developing Areas  
Spring. 4(3-0)  
Process of political growth in emergent societies of the world; stresses of change and flux resulting from economic development in relation to the structure and dynamics of government.

345. Political Institutions and Behavior in South Asia  
Fall of even-numbered years. 4(3-0)  
Political ideas and institutions in India, Pakistan, and related territories; analysis of constitutional development, political parties, legislatures, administration, planning, foreign policy and their interaction with the social system.

1DC. Refugees, Displaced Persons, Hostages, Exiles  
For course description, see Interdisciplinary Courses.

347. African Politics  
Winter of even-numbered years. 4(3-0)  
Political practices and perspectives in Africa. Special attention to emerging independent nations of Sub-Saharan Africa. Analysis of socio-political change, nationalism, cultural plurality, nation-building, pan-Africanism.

348. Major African Political Systems  
Spring of even-numbered years. 4(3-0)  
Systematic analysis of three or four specific African political systems, with countries chosen on the basis of their contemporary importance and their representatives of the general political problems of the area.

349. Politics of English Speaking Democracies  
Spring. 4(3-0)  
Political institutions and development of the English speaking nations. Special attention to Great Britain, Canada and the U.S. political systems, parties, pressure groups, and problems of these societies.

350. The Governments and Politics of Latin America  
Winter of odd-numbered years. 4(3-0)  
Survey of politics in the area; competing ideologies, types of revolution, sources of instability, party and interest group developments, relationships between political, social, and economic structures, and relationships between the United States and Latin America.

351. Major Latin American Political Systems  
Spring of odd-numbered years. 4(3-0)  
Systematic analysis of three or four specific Latin American political systems, with countries chosen on the basis of their contemporary importance and representativeness of the general political problems of the area.

352. Political Institutions and Behavior in East Asia  
Winter of even-numbered years. 4(3-0)  
China, Japan, and Korea. Political ideas, institutions and practices in societies of East Asia. Dynamics of political organization; role of competing ideologies and systems of behavior; interaction of domestic and foreign policies.

353. Political Institutions and Behavior in Southeast Asia  
Spring of even-numbered years. 4(3-0)  
Philippines, Indonesia, Malaysia, Thailand, Viet Nam, Cambodia, Laos, Burma.

356. Western European Political Institutions and Behavior  
Fall. 4(3-0)  
Analysis of parliamentary systems of Britain and selected European societies. Basic institutions, socioeconomic conditions, recruitment of leadership, pressure groups, and party organization and tactics, voting behavior. Policy making, roles of executive, legislature and bureaucracy.

357. European Political Institutions and Behavior  
Winter. 4(3-0)  
Continuation of 356. Attention to European countries not previously treated. Emphasis on dynamics of political organization and behavior in these societies.

358. Soviet Political Institutions and Behavior  
Fall of even-numbered years. 4(3-0)  
Study of Soviet society as a political system; its origins, development, institutions, functioning, and trends. Comparisons will be made with other political systems.

359. Eastern European Governments  
Winter of even-numbered years. 4(3-0)  
Comparative analysis of East-European socialist countries, their political cultures, institutions, problems, policies, and trends of development.

362. Theory and Practice of Foreign Policy  
Fall, Spring. 4(3-0)  
Systematic analysis of the dynamics of contemporary world politics. Major theories and concepts of foreign policy-making and international politics. Comparative study of factors shaping foreign policy in various states. Examination of current and recurrent problems.

363. International Law  
Fall, Spring. 4(3-0)  
Origins and development of international law. Legal interstate relationships in time of peace and war. Recognition of states and governments; diplomatic practice; treaties; war; neutrality.

364. International Organization  
Winter. 4(3-0)  

365. The United States in World Affairs  
Winter, Spring. 4(3-0)  
Resources, policies, and role of the United States as a great power. Contemporary United States foreign policy in the key and critical areas of the world. Major factors affecting future course of American foreign policy.

367. Foreign Policies of Major Powers  
Winter. 4(3-0)  
Examination of the foreign policies and decision-making processes of major powers, such as the Soviet Union, China, Great Britain, France, Japan, and India. Analysis of their foreign policy goals, the role of ideology, national interest, and institutions.

370. Classics of Political Thought  
Fall. 4(3-0)  
Political ideas of Plato, Aristotle, Cicero, Augustine, Aquinas, and other leading political philosophers of classical Greece, Rome, and Christendom through the medieval period.

371. Classics of Political Thought  
Winter. 4(3-0)  
Political ideas of Machiavelli, Hobbes, Locke, Montesquieu, Rousseau, and other leading political philosophers whose works are fundamental in understanding such modern concepts as sovereignty, the state, freedom, and power.

372. Classics of Political Thought  
Spring. 4(3-0)  
Political ideas of Burke, Bentham, Hegel, Mill, Marx, and other leading political and social philosophers whose works underlie such modern political ideologies as liberalism, socialism, and communism.

375. Comparative Communism—Theory  
Winter, Summer. 4(3-0)  

376. Comparative Communism—Practice  
Spring. 4(3-0)  
Communism in World Affairs: The history of the Communist, Contemporary Communism—unity and diversity. The relation of Communist governments or parties to the USSR and the People's Republic of China.

377. American Political Thought  
Fall. 4(3-0)  
Colonial times to the Civil War. Roger Williams, Thomas Jefferson, John Adams, and John C. Calhoun will be discussed in the context of major political issues.
375. American Political Thought
Winter, Summer. 4(3-0)
Civil War to present. Henry George, Edward Bellamy, Thorstein Veblen, and John Dewey will be discussed in the context of major political issues.

390. Foundations of Modern Political Theory
Winter, Spring. 4(3-0)
Major ideas in the social sciences which have been or may be utilized in development of systematic theories of political institutions and behavior.

381. Foundations of Modern Political Theory
Fall, Spring. 4(3-0)
Continuation of 360.

IDC. Survey of Sub-Saharan Africa
For course description, see Interdisciplinary Courses.

IDC. Survey of Sub-Saharan Africa
For course description, see Interdisciplinary Courses.

404. Selected Aspects of State and Local Government
Fall, Winter, Spring, Summer. 5(3-0)
May re-enroll for a maximum of 15 credits. Political science Seniors or approval of department.
Covers different subjects at different times such as community decision making, metropolitan problems, and intergovernmental relations.

415. Advanced Seminar in Policy and Bureaucracy
Fall, Spring. 5(3-0)
Political science Seniors or approval of department.
Special aspects of public administrative processes and organization, with special reference to particular policy areas and the policy process.

420. Judicial Policy Making and Behavior
Fall, Winter, Spring, Summer. 5(3-0)
Political science Seniors or approval of department.
Analysis of policy making by judicial systems. Research theory and methods in judicial behavior. Socialization of judges, and the relationship between judicial attributes, and judicial ideologies and attitudes and values.

430. Seminar in Political Organization and Behavior
Fall, Winter, Spring, Summer. 5(3-0)
May re-enroll for a maximum of 15 credits. Political science Seniors or approval of department.
Covers different subjects at different times such as legislative behavior, electoral behavior, and public opinion.

437. Psychology of Political Behavior
Fall, Winter, Spring. 3(3-0) PSY 335 or SOC 251 or six credits in sociology or political science. Interdepartmental with and administered by the Department of Psychology.
Psychological theories, principles, methods and techniques applied to political behavior; belief systems; personality influences; decision making, psychological patterns in legislative voting; political leadership; interpersonal and international relations and tensions.

444. Special Topics in Comparative Politics
Fall. 5(3-0) May re-enroll for a maximum of 15 credits. Political science Seniors or approval of department.
Comparative analysis of various topics, such as political recruitment, elites, urbanization, and totalitarian systems.

460. Special Problems in International Politics
Fall, Winter, Spring, Summer. 5(3-0)
May re-enroll for a maximum of 15 credits. Political science Seniors or approval of department.
Analysis in depth of special problems, subjects, areas in international politics: Sino-Soviet conflict; nationalism and international politics; alliances and international politics.

470. Field Work in Political Science
Spring. 3(1-10) to 6(2-20) May re-enroll for a maximum of 9 credits. Approval of department.
Supervised field work may be offered in several of the areas of departmental study, such as public administration, political organization and behavior, public law and judicial behavior, state and local government, comparative political institutions and behavior, etc. Field work may involve internship with public agencies, participation in survey research, intensive analysis of judicial behavior, etc. Students should reserve several mornings or afternoons for this work.

473. Selected Aspects of Political Thought
Fall, Winter, Spring, Summer. 5(3-0)
May re-enroll for a maximum of 15 credits. Political science Seniors or approval of department.
A senior seminar which will focus on philosophical and ideological problems raised in contemporary political thought.

490. Honors Study
Fall, Winter, Spring, Summer. 3 to 6 credits. May re-enroll for a maximum of 12 credits. Approval of department.
Individual reading and research under the supervision of a member of the department. For superior students who wish to examine a special topic and for seniors writing honors essay in political science.

494. Proseminar in Political Theory and Research Methods
Fall, Winter, Spring. 4(3-0) May re-enroll for a maximum of 12 credits. Approval of department.
Issues arising in the pursuit of reliable knowledge about political phenomena; to the major problems in relating theory and empirical research; and to major theoretical ideas in the study of political institutions and behavior.

800. Proseminar in Political Theory and Research Methods
Fall, Winter, Spring. 4(3-0) May re-enroll for a maximum of 12 credits. Approval of department.
Survey of the important American literature, ideas and schools of thought and practice of this century. Contemporary and emerging problems of responsibility, planning, personal and organizational methods in American government discussed against the background of the past fifty years' systematic study of public administration.

830. Proseminar: Political Organization and Behavior
Winter. 4(3-0)
Basic literature and concepts relating to political parties, political groups, legislative process, voting behavior, public opinion, and political attitudes.

837. Psychological Aspects of Politics
Fall, Winter, Spring. 4(3-0) Interdepartmental with the Psychology Department.
Relevance of psychological concepts, theories and methods for the study of political institutions, organizations and behavior.

IDC. Interdisciplinary Seminar on Africa
For course description, see Interdisciplinary Courses.

840. Proseminar in American Politics
Winter. 4(3-0)
Basic literature and concepts in American politics and critical examination of approaches and methods.

850. Proseminar in Comparative Politics
Winter. 4(3-0) May re-enroll for a maximum of 12 credits.
Developments in comparative politics and critical examination of its methods, approaches, and purposes.

860. Proseminar in International Relations
Fall, Spring. 4(3-0)
International relations as a field of graduate study. Special attention to methods, major substantive problems, and principal bibliography.

870. Proseminar in Political Thought
Fall. 4(3-0)
Selected classics in political thought and some of the significant ways of approaching the literature. Major political concepts in the ancient and modern literature, and contemporary bibliography in political thought.

894. Field Experience Practicum
Fall, Winter, Spring. 4 to 12 credits. May re-enroll for a maximum of 12 credits. Graduate students; approval of Program Guidance Committee.
Participant observation of the administration of public policy in governmental organizations. Faculty supervision is provided to ensure both a practical and a scholarly experience. Approval subject to guidance committee approval.

899. Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

901. Problems in the Scientific Study of Politics
Fall of even-numbered years. 4(3-0)
Humanistic and scientific approaches to the study of political science and their effects on the discipline today. Emphasis on the relations between normative and empirical problems and on the methods of inquiry most appropriate to political science.

903. Research Methods in Political Science
Winter. 4(3-0) Introductory statistics or approval of department.
Study of the design and execution of research in politics, including the use of existing data and gathering of data in the field. Special attention given to the problems of cross-cultural research.
911. Theories of Administrative Organization
Fall of odd-numbered years. 4(3-0)
Analysis of some recent contributions by the behavioral sciences to formal organization theory.

914. Comparative Public Administration
Winter of odd-numbered years. 4(3-0)
Comparative study of the administrative systems of major nations. Analysis of the manner in which these patterns have been transplanted into dependent and developing countries and of the subsequent modifications of these patterns. Social and cultural setting of administration.

921. Judicial Systems
Winter of even-numbered years. 4(3-0)
Structure and functions of judicial systems, including both American state and federal courts and those of other countries. Interrelationships between courts, administration of judicial bureaucracy (supporting administrative personnel as well as judges) and analysis of judicial decision-making processes.

922. Judicial Behavior
Fall of even-numbered years. 4(3-0)
Design and execution of research in judicial decision making. Projects include both individual and group work, and field as well as library research. Critical evaluation of reports of other research investigations with which seminar projects articulate.

923. Judicial Decision Making
Spring of even-numbered years. 4(3-0)
Comparative survey of substantive findings of the empirical studies in judicial attitudes, ideologies, values, and decision-making behavior. Contributions of other social sciences to the description of decision-making processes, and to the construction of systematic theories and models.

924. Judicial Policy Making
Fall of odd-numbered years. 4(3-0)
Role of the judiciary as policy maker in legislative reapportionment, racial integration, secularity in public education or other issues. Interrelationships among judges and chief executives, legislators, administrators, political party and interest groups. Connections between legal concepts of judicial review and of judicial activism and restraint are examined as they relate to theories of representation.

931. Political Groups and Movements
Fall of even-numbered years. 4(3-0)
Operation of interest groups, sociopolitical movements, cliques, and juntas. Interests and ideologies underlying these groups and channeling of their demands into the political system. Basis, growth, and internal politics of political groups and their relation to formation of public policy and governmental institutions.

932. Legislative Process
Spring of even-numbered years. 4(3-0)
Behavior of legislative bodies in the context of the political system, including other governmental institutions. Selection and legislative roles of legislators, and legislative decision making.

933. Political Parties
Fall of odd-numbered years. 4(3-0)
Operation of political parties in the political system. Relationship between party organization, electoral system, and the recruitment and advancement of political leaders. Interaction between parties and other political groups.