919. Cardiovascular System
Fall, 4(3-0) May reenroll for a maximum of 12 credits if different topics are taken. PSL 502.
Classical and current literature on physiology of heart, circulation, and microcirculation. Each fall a different one of these three topics will be discussed. Laboratory work illustrates methodology and special procedures.

945. Physiology of Mammalian Reproduction
Winter, 4(5-0) DRY 445 or PSL 445 or approval of department. Interdepartmental with and administered by the Department of Dairy Science.
Chemistry and biosynthesis of reproductive hormones. Gonadotropin, hypothalamic and pituitary development of reproductive potential. Ovulation, fertilization, implantation and placentation will be studied. Relationships of concepts, uterus and corpus luteum. Parturition.

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

980. Problems
Fall, Winter, Spring, Summer. 1 to 3 credits. May reenroll for a maximum of 9 credits. Approval of department. Limited amounts of individual work on selected research problems.

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

POLITICAL SCIENCE — PLS

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 Isms
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.

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

IDC. Introduction to Latin America III
For course description, see Interdisciplinary Courses.

IDC. The Politics of Ecology
For course description, see Interdisciplinary Courses.

251. Human Values and Politics I:
On Liberty
Fall, 4(4-0)
How conflicts over basic human values of liberty, equality, justice, and individualism lie at the root of major issues of American public policy such as capital punishment, abortion, censorship, women's rights, school prayers. Centers on questions of citizenship, slavery, life and death. Approved through Summer term 1979.

252. Human Values and Politics II:
Equality and Justice
Winter, 4(4-0)
Continuation of PLS 251. Focuses on policies dealing with crime and punishment, equality of opportunity, role of courts in assuring rights of women, blacks, and the poor. Approved through Fall term 1979.

253. Human Values and Politics III:
Individual and Community
Spring, 4(4-0)
Continuation of PLS 252. Focuses especially on conflicts between individual and community in such issues as tolerance of political and ethnic minorities, the right of privacy, free speech, censorship, abortion. Approved through Winter term 1990.

IDC. Continuing Revolution in China:
Problems and Approaches
For course description, see Interdisciplinary Courses.

290. Methods of Political Research
Fall, Winter, 4(3-0)
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.

291. Methods of Political Research
Winter, Spring. 4(3-0) PLS 290.
Analysis of political data, with major emphasis on quantitative techniques.

301. American State Government
Fall, Winter, Spring, Summer. 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, Summer. 4(3-0)
Urban political process in America. Politics of policymaking for urban functions; politics of intergovernmental relations.

303. Michigan Government
Spring, 4(3-0)
How Michigan government is organized and conducted; 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.; theory and administrative organization, principles and methods of administrative management; executive leadership; interpersonal and intergroup relationships; levels of decision making, ethics and responsibility.

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 choice. Planning and program budgeting, political and analytical methods of policymaking 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 bureaucracies. Roles of judges, juries, counsel, lobbyists, and interest groups in adjudication processes.

321. Judicial Policymaking
Fall, Spring, 4(3-0)
Consideration of judicial behavior of judges (especially Justices of Supreme Court) and their policymaking. Focus on policy questions currently important, including civil liberties, national economic policy, and intergovernmental relations 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.

330. Government and the Mass Media
Spring, 4(3-0) Juniors.
How press, radio, television and journals shape public opinion and government policy; examines questions of influence and linkage, regulation vs. free comment, and the media as an interest group.

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 business, labor, agricultural, professional, veterans, and other groups. Internal 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 coalitions and analysis of election results. Examination of trends and changes in electoral support.

335. Comparative Parties and Pressure Groups
Spring. 4(3-0)
Comparative analysis of organization, ideologies, membership, leadership, tactics, power and influence of parties.

336. Black Political Movements
Fall. 4(3-0)
Examination 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.

338. Politics and Inequality
Winter, Spring. 4(3-0)
Nature of democratic politics, distribution of power and the role of political elites, and impact of politics on social inequality and policymaking, in the United States and in comparative perspective.

339. Political Socialization
Fall, Winter, Spring. 4(3-0)
The development of political attitudes in children; change in content over time; the influence of the family, school, peers; group differences in political attitudes; political socialization through the life cycle.

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

IDC. Contemporary Problems of South Asia
For course description, see Interdisciplinary Courses.

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

343. 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.

344. 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 sociopolitical change, nationalism, cultural diversity, nation-building, pan-Africanism.

345. Major African Political System
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.

346. 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. parliamentary systems, parties, pressure groups, and problems of these societies.

347. 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 revolutions, sources of instability, party and interest group developments, relationships between political, social, and economic structures, and relationships between the United States and Latin America.

348. 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.

349. Major African Political System
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.

350. 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.

351. 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 revolutions, sources of instability, party and interest group developments, relationships between political, social, and economic structures, and relationships between the United States and Latin America.

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.

354. 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 ideology, voting behavior. Policymaking, roles of executive, legislature and bureaucracy.

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

356. Comparative Politics of Eastern Europe
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.

357. 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 policymaking and international politics. Comparative study of factors shaping foreign policy in various states. Examination of current and recurrent problems.

358. 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.

359. International Organizations
Winter. 4(3-0)
Origin and development of major international organizations. Comparative analysis of their functions, problems, and trends of development.

360. International Organizations
Fall, Winter. 4(3-0)
Origin and development of major international organizations. Comparative analysis of their functions, problems, and trends of development.

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368. International Organizations
Fall, Winter. 4(3-0)
Origin and development of major international organizations. Comparative analysis of their functions, problems, and trends of development.

369. International Organizations
Fall, Winter. 4(3-0)
Origin and development of major international organizations. Comparative analysis of their functions, problems, and trends of development.

370. International Organizations
Fall, Winter. 4(3-0)
Origin and development of major international organizations. Comparative analysis of their functions, problems, and trends of development.
### Descriptions – Political Science

#### Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>371</td>
<td>Classics of Political Thought</td>
<td>4(3-0)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>372</td>
<td>Classics of Political Thought</td>
<td>4(3-0)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>375</td>
<td>Comparative Communism-Theory</td>
<td>Winter, Summer. 3(3-0)</td>
<td></td>
<td>Development of Communist doctrine, Marxism, and Marx-Leninism. Critical analysis of the principal ideas of Marxism, and Communism. Conflicts between different interpretations of Marxist-Leninist doctrine within contemporary Communism.</td>
</tr>
<tr>
<td>377</td>
<td>American Political Thought</td>
<td>Fall. 4(3-0)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>378</td>
<td>American Political Thought</td>
<td>Winter, Summer. 4(3-0)</td>
<td></td>
<td>Civil War to present. Henry George, Edward Bellamy, Thorstein Veblen, and John Dewey will be discussed in the context of major political issues.</td>
</tr>
<tr>
<td>380</td>
<td>Foundations of Modern Political Theory</td>
<td>Winter. 4(3-0)</td>
<td></td>
<td>Major ideas in the social sciences which have been or may be utilized in development of systematic theories of political institutions and behavior.</td>
</tr>
<tr>
<td>381</td>
<td>Foundations of Modern Political Theory</td>
<td>Fall. 4(3-0)</td>
<td></td>
<td>Continuation of PLS 380.</td>
</tr>
<tr>
<td>IDC</td>
<td>Survey of Sub-Saharan Africa</td>
<td>For course description, see interdisciplinary Courses.</td>
<td></td>
<td>For course description, see Interdisciplinary Courses.</td>
</tr>
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<td></td>
<td>For course description, see Interdisciplinary Courses.</td>
</tr>
<tr>
<td>404</td>
<td>Selected Aspects of State and Local Government</td>
<td>Fall, Winter, Spring. 3(3-0)</td>
<td></td>
<td>May reenroll 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.</td>
</tr>
<tr>
<td>410</td>
<td>Politics of Schools</td>
<td>Fall. 4(3-0)</td>
<td></td>
<td>Description and explanation of authority structures in schools. Examination of alternative philosophical bases of school organization and behavior. Explanation of the political context and consequences of findings on educational achievement. Field work required.</td>
</tr>
<tr>
<td>415</td>
<td>Advanced Seminar in Policy and Bureaucracy</td>
<td>Fall, Spring. 3(3-0)</td>
<td></td>
<td>Special aspects of public administrative processes and organization, with special reference to particular policy areas and the policy process.</td>
</tr>
<tr>
<td>420</td>
<td>Judicial Policymaking and Behavior</td>
<td>Fall, Winter, Spring, Summer. 3(3-0)</td>
<td></td>
<td>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.</td>
</tr>
<tr>
<td>430</td>
<td>Seminar in Political Organization and Behavior</td>
<td>Fall, Winter, Spring. 3(3-0)</td>
<td></td>
<td>May reenroll 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.</td>
</tr>
<tr>
<td>437</td>
<td>Psychology of Political Behavior</td>
<td>Fall, Winter, Spring, Summer. 3(3-0)</td>
<td></td>
<td>May reenroll for a maximum of 15 credits. Political science Senior or approval of department. 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.</td>
</tr>
<tr>
<td>444</td>
<td>Special Topics in Comparative Politics</td>
<td>Fall. 3(3-0)</td>
<td></td>
<td>May reenroll for a maximum of 15 credits. Political science Senior or approval of department. Comparative analysis of various topics, such as political recruitment, elites, urbanization, and totalitarian systems.</td>
</tr>
<tr>
<td>469</td>
<td>Special Problems in International Politics</td>
<td>Fall, Winter, Spring. 3(3-0)</td>
<td></td>
<td>May reenroll for a maximum of 15 credits. Political science Senior or approval of department. Analysis in depth of special problems, subjects, or areas in international politics: Sino-Soviet conflict; nationalism and international politics; alliances and international politics.</td>
</tr>
<tr>
<td>473</td>
<td>Selected Aspects of Political Thought</td>
<td>Fall, Winter, Spring. 3(3-0)</td>
<td></td>
<td>May reenroll for a maximum of 15 credits. Political science Senior or approval of department. A senior seminar which will focus on philosophical and ideological problems raised in contemporary political thought.</td>
</tr>
<tr>
<td>490H</td>
<td>Honors Internship</td>
<td>Fall, Winter, Spring. 3 to 6 credits. May reenroll for a maximum of 9 credits. Students in Honors College or in PLS Honors Program and approval of department. Supervised participation in research or teaching.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>491H</td>
<td>Senior Honors Thesis</td>
<td>Fall, Winter, Spring. 3 to 6 credits. May reenroll for a maximum of 9 credits. Honors Program participants. A substantial piece of writing involving original research under direction of a faculty member.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>494</td>
<td>Field Work in Political Science</td>
<td>Fall, Winter, Spring. 3(1-0) to 12(1-0)</td>
<td></td>
<td>May reenroll for a maximum of 12 credits. Approval of department. Supervised field work may be offered in several of the areas of departmental study, such as public administration, international 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.</td>
</tr>
<tr>
<td>495</td>
<td>Independent Study</td>
<td>Fall, Winter, Spring. 3 to 6 credits. Advanced undergraduate Approval of instructor and department. Individual reading and research supervised by a member of the department.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>500</td>
<td>Proseminar in Political Theory and Research Methods</td>
<td>Fall, Winter, Spring. 4(3-0)</td>
<td></td>
<td>May reenroll 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, to major theoretical ideas and behavior, etc. Students should reserve several mornings or afternoons for this work.</td>
</tr>
<tr>
<td>510</td>
<td>Proseminar in Public Administration</td>
<td>Fall. 4(3-0)</td>
<td></td>
<td>May reenroll for a maximum of 9 credits. Survey of the important American literature, ideas and schools of thought and practice of this century. Contemporary and emerging problems of responsibility, planning, personnel and organizational methods in American government discussed against the background of the past fifty years' systematic study of public administration.</td>
</tr>
<tr>
<td>512</td>
<td>Public Personnel Administration</td>
<td>Fall. 4(3-0)</td>
<td></td>
<td>Historical development and current practices of personnel management in government. An introduction to various public personnel topics including: employee recruitment and selection, affirmative action and labor relations programs, employee development, and others.</td>
</tr>
<tr>
<td>515</td>
<td>Politics of Public Budgeting</td>
<td>Spring. 4(3-0)</td>
<td>PLS 510 or approval of department.</td>
<td>Politics of the budgetary process: theories, budgetary, strategic, and budgetary planning, budgetary reform, analysis in the budgetary process. Development in budgeting such as&quot;sunset&quot; legislation and zero-base budgeting.</td>
</tr>
</tbody>
</table>
901. Research Methods of Political Science
Winter, Spring. 4(3-0) May reenroll for a maximum of 8 credits. FLS 800 or approval of department.
Design and execution of research projects. Special attention given to multivariate methods, their theoretical bases, uses, and interpretations.

903. Advanced Problems of Political Research
Fall, Winter, Spring, Summer. 4(3-0) May reenroll for a maximum of 12 credits. FLS 800 or approval of department.
Analysis of special problems in political research. Such phases as the philosophical basis of political science, the nature of political research and in-depth study of research techniques and strategies may be covered.

911. Theories of Administrative Organization
Winter. 4(3-0) May reenroll for a maximum of 8 credits.
Analysis of some basic contributions by the behavioral sciences to formal organization theory.

914. Comparative Public Administration
Winter. 4(3-0) Majors or approval of department.
Comparative study of the public administration 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 national and state courts and those of other countries. Interrelationships between courts, administration of judicial personnel and personnel in support of judicial personnel, and science in the judicial decision-making process.

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 work as well as research. Critical evaluation of research and other research with which seminar projects contribute.

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 systemic theories and models.

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 channels of their demands into the political system. Basis, growth, and internal politics of political groups and movements and their relation to formation of public policy and governmental institutions.
953. The Politics of Selected Areas
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 12 credits. Approval of department.

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

PORTUGUESE
See Romance and Classical Languages

POULTRY SCIENCE

Poultry Science and Practice
Fall. 4(3-2)
Poultry in the agricultural economy; fundamental principles of anatomy, physiology and body systems; diseases, their prevention and control; management practices and procedures in producing poultry meat and eggs.

Special Problems
Fall, Winter, Spring. Variable credit. May reenroll for a maximum of 6 credits. Approval of department.

Avian Nutrition
Fall. 4(3-2) ANS 325

Poultry Breeding and Incubation
Winter. 4(3-2) ANS 461
Genetic and biological factors affecting economic characteristics including egg production, egg size, hatchability, growth and viability and factors involved in the hatching of eggs.

Poultry Industry—Management and Marketing
Spring of even-numbered years. 5(4-2) PS 224 or approval of department.
Practical application of economic and management principles to commercial poultry enterprises. Field trips required.

Avian Physiology
Spring. 4(3-3) Approval of department. Interdepartmental and administered jointly with the Department of Physiology.
A survey of the systemic physiology of birds emphasizing digestion, metabolism, the endocrine and reproductive systems.

Avian Disease Prevention and Treatment
Winter of even-numbered years. 4(3-2) PHS 300 or B 212 or approval of department.
Microbiological concepts, causes, preventive and therapeutic methods for poultry diseases, laboratory diagnosis and experiments.

PSYCHIATRY

Introduction to Psychiatry
Spring. 2(2-0) Admission to a college of medicine or approval of instructor.
Discrimination between various concepts of normality, understanding of psychological mechanisms, making observations and inference generation, recognition of normative crises and the psychiatric examination will be taught through lectures and discussions.

Psychopathology
Spring. 3(3-0) PSC 520 or concurrently.
Recognition, description, and treatment of most psychopathologic states will be taught using lectures, audio-visual presentations, and group discussions.

Fundamentals of Personality Dysfunction
Winter. 2(2-0) Admission to a college of medicine and approval of department; H M 514 concurrently.
Characteristics patterns of behavior, symptomatology, treatment and prognosis of common psychiatric disorders and disturbed patterns of personality function.

Families in Crisis: A Clinical View
Winter. Spring. 1 to 4 credits. May reenroll for a maximum of 4 credits. Student in medicine, nursing or graduate student in psychology, counseling, social work or related field. Interdepartmental and administered by the Department of Family Practice.
Dynamics of family crises as they might be experienced in health care settings. Videotapes, readings, and small group discussions to illustrate family dynamics.

Special Problems in Psychiatry
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 12 credits. Human Medicine students; graduate students with approval of department.
Each student will work under direction of a staff member on an experimental, theoretical or applied problem.

DC. The Impact of Animal Resource Management Upon the World’s Developing Nations
For course description, see interdisciplinary courses.