188. Undergraduate Research Proposal (3)
   Lecture-discussion—3 hours. Prerequisite: upper division standing. Preparation and review of a scientific proposal. Problem definition, identification of objectives, literature survey, hypothesis generation, design of experiments, data analysis planning, proposal outline and preparation. (Same course as Biotechnology 188.) GE credit: SciEng, Wrt|OL, SE, WE. —S. (S.) Kleibeinste

189L. Laboratory Research in Plant Sciences (2-5)
   Laboratory—3-12 hours; discussion—1 hour. Prerequisite: course 188 and consent of instructor. Formulating experimental approaches to current questions in Plant Sciences; performance of proposed experiments. May be repeated up to 12 units for credit. (P/NP grading only.)—F, W, S. (F, W, S.)

190. Seminar on Alternatives in Agriculture (2)
   Seminar—1 hour; discussion—1 hour. Prerequisite: upper division standing or consent of instructor. Seminar on topics related to alternative theories, practices and systems of agriculture and the relationship of agriculture to the environment and society. Scientific, technological, social, political and economic perspectives. May be repeated for two times for credit for a total of three times. GE credit: SciEng, Wrt|OL, SE. —W. (W.) Van Horn

190C. Research Group Conference (1)
   Discussion—1 hour. Prerequisite: advanced standing; consent of instructor. Weekly conference on research problems, progress and techniques in the plant sciences. May be repeated for credit. (P/NP grading only.)—F, W, S. (F, W, S.)

192. Internship (1-12)
   Internship—3-36 hours. Prerequisite: completion of 64 units and consent of instructor. Work experience on or off campus in subject areas pertaining to plant and environmental sciences. Internship supervised by a faculty member. (P/NP grading only.)—F, W, S. (F, W, S.)

193. Garden and Farm-Based Experiential Education Methods (2)
   Lecture—1 hour; laboratory—3 hours. Prerequisite: upper division standing or consent of instructor. Methods of teaching children and youth about fruit and vegetable production and consumption. Lesson and activity planning for garden and farm field trips. Basic biology, ecology, plant science, and crop management practices. Mentorship in experiential learning. Preparation of garden site. (P/NP grading only.) GE credit: SciEng, OL, SE. —W. (W.) Van Horn

194H. Senior Honors Thesis (1-2)
   Independent study—3-6 hours. Prerequisite: senior standing; a minimum GPA of 3.250 or higher and consent of master adviser. Independent study of selected topics under the direction of a member or members of the staff. Completion will involve the writing of a senior thesis. (P/NP grading only.) GE credit: SE, WE, —S. (S.) Mitcham

197. Tutoring in Plant Sciences (1-5)
   Tutorial—1-5 hours. Prerequisite: upper division standing, completion of course being tutored or the equivalent, consent of instructor. Leading small voluntary discussion or lab groups affiliated with one of the department's regular courses. May be repeated for up to eight units of credit. (P/NP grading only.)—F, W, S. (F, W, S.)

198. Directed Group Study (1-5)
   (P/NP grading only.)—F, W, S. (F, W, S.)

199. Special Study for Advanced Undergraduates (1-5)
   Prerequisite: consent of instructor. (P/NP grading only.)—F, W, S, Su. (F, W, S, Su.)

Graduate

205. Experimental Design and Analysis (5)
   Lecture—3 hours; discussion/laboratory—2 hours. Prerequisite: course 120 or equivalent. Introduction to the research process and statistical methods to plan, conduct and interpret experiments. Not open for credit to students who have completed Agronomy 205. (Former course Agronomy 205.)—W. (W.) Dubcovsky, Runci

206. Applied Multivariate Modeling in Agricultural and Environmental Sciences (4)
   Lecture—3 hours; discussion—2 hours. Prerequisite: one of course 120, Statistics 106, 108, course 205 or equivalent. Multivariate linear and nonlinear models. Model selection and parameter estimation. Analysis of manipulative and observational agronomic experiments. Discriminant, principal component, and path analyses. Logistic and biased regression. Bootstrapping. Exercises based on actual research by UC Davis students. Not open for credit to students who have completed Agronomy 206. (Former course Agronomy 206.)—F (F) Laca

212. Postharvest Biology and Biotechnology of Fruits and Nuts (3)
   Lecture—3 hours. Prerequisite: course 172. Review of postharvest biology of fruits and nuts and biotechnological approaches to address postharvest challenges. Morphology, biology and postharvest handling of fruits and nuts are presented along with current research, including biotechnology, and discussion of future research needs and approaches. Not open for credit to students who have completed Pomology 212. Offered in alternate years. —S. (S.) Crisosto, Mitchen, Zakharov

213. Postharvest Physiology of Vegetables (3)
   Lecture—2 hours; discussion—1 hour. Prerequisite: course 172 or course 100B or Plant Biology 112. Comparative physiology of harvest vegetables; emphasis on maturation, senescence, compositional changes, physiological disorders and effects of environmental factors on postharvest procedures. Not open for credit to students who have completed Vegetable Crops 212. (Former course Vegetable Crops 212.) Offered in alternate years. —S. (S.) Salter

220. Genomics and Biotechnology of Plant Improvement (3)
   Lecture—3 hours. Prerequisite: Biological Sciences 101 or the equivalent. Integration of modern biotechnology and classical plant breeding including the impact of structural, comparative and functional genomics on gene discovery, characterization and exploitation. Also covers molecular markers, plant transformation, hybrid production, disease resistance, and novel output traits. Not open for credit to students who have completed Vegetable Crops 220. (Former course Vegetable Crops 220.) [Same course as Genetics 220]

221. Genomics and Breeding of Vegetable Crops (3)
   Lecture—3 hours. Prerequisite: Biological Sciences 101 or equivalent. Preview of genome structure, mapping, the tagging and positional cloning of other genetic resources applied to improvement of major vegetable crops. For graduate students contemplating a career in modern vegetable breeding and biotechnology. Not open for credit to students who have completed Vegetable Crops 221. (Former course Vegetable Crops 221.)

222. Advanced Plant Breeding (4)
   Lecture—3 hours; laboratory—3 hours. Prerequisite: courses 154 and 205; Genetics 102 or Animal Genetics 107 recommended. Philosophy, methods, and problems in developing improved plant species. Topics include: inbreeding, heterosis, progeny testing, breeding methodology, index selection, germplasm conservation, and breeding for stress resistance. Laboratories include tours of breeding facilities and calculation and interpretation of quantitative data. —S. (S.) Brummer

230. Forest Biology (4)
   Lecture—3 hours; seminar—1 hour. Prerequisite: graduate standing or advanced undergraduate with consent of instructor. Cross-disciplinary review of forest biology, including physiology, genetics, pathology, ecology, and silviculture. —S. (S.) Neale, North, Rizzo, Schmidt

290. Seminar (1-2)
   Seminar—1-2 hours. Topics of current interest related to Plant Sciences. (S/U grading only.)—F, W, S. (F, W, S.)

290C. Research Conference (1)
   Discussion—1 hour. Prerequisite: consent of instructor; graduate standing. (S/U grading only.)—F, W, S. (F, W, S.)

297T. Tutoring in Plant Science (1-5)
   Tutoring—1-5 hours. Prerequisite: graduate standing; consent of instructor; completion of course to be tutored or the equivalent. Designed for graduate students who desire teaching experience but are not teaching assistants. May be repeated for credit for a total of five units. Some course may not be tutored more than once. (S/U grading only.)

298. Group Study (1-5)

299. Research (1-12)
   Prerequisite: consent of instructor. (S/U grading only.)—F, W, S. (F, W, S. Su.)

Professional

396. Teaching Assistant Training Practicum (1-4)
   Prerequisite: consent of instructor; graduate standing. (S/U grading only.)—F, W, S, Su. (F, W, S, Su.)

Plastic Surgery

See Medicine, School of, on page 427.

Political Science

[College of Letters and Science]

John T. Scott, Ph.D., Interim Chairperson of the Department

Department Office. 469 Kerr Hall 530/752-0966

Political Science Undergraduate Student Matters. 469 Kerr Hall 530/752-6241

International Relations Undergraduate Student Matters. 464 Kerr Hall 530/754-8098

Graduate Student Matters. 472 Kerr Hall 530/752-0969

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Faculty

James F. Adams, Ph.D., Professor

Josephine T. Andrews, Ph.D., Associate Professor

Cheryl L. Boudreau, Ph.D, Associate Professor

Amber Boydston, Ph.D., Associate Professor

Erik Enstrom, Ph.D., Professor

Ortiza Garcia-Franco, Ph.D., Assistant Professor

Christopher Hare, Ph.D., Assistant Professor
Benjamin Highton, Ph.D., Professor
Adrienne Hosel, Ph.D., Assistant Professor
Syan Hubert, Ph.D., Assistant Professor
Robert Huckfeldt, Ph.D., Distinguished Professor
Bradford S. Jones, Ph.D., Professor
Brandon Kinne, Ph.D., Assistant Professor
Daniel Y. Kono, Ph.D., Associate Professor
Scott MacKenzie, Ph.D., Assistant Professor
Zeev Maza, Ph.D., Distinguished Professor
Heather McKibbens, Ph.D., Associate Professor
Jeanette Money, Ph.D., Associate Professor
Gabriella R. Montalvo, Ph.D., Associate Professor
Miroslav Nivnic, Ph.D., Professor
Larry Peritz, Ph.D., Assistant Professor
Lindsey Reid, Ph.D., Assistant Professor
Shalini Sathkunanandan, Ph.D., Assistant Professor
Ethan Scheine, Ph.D., Professor
John T. Scott, Ph.D., Professor
Matthew S. Shugart, Ph.D., Professor
Walter J. Stone, Ph.D., Professor
Robert S. Taylor, Ph.D., Associate Professor
Emeriti Faculty
Larry Berman, Ph.D., Professor Emeritus
Edmond Costantini, Ph.D., Professor Emeritus
John B. Gates, Ph.D., Lecturer
Alexander J. Girth, Ph.D., Professor Emeritus
Stuart L. Hill, Ph.D., Lecturer
John R. Owens, Ph.D., Professor Emeritus
Randolph M. Siverson, Ph.D., Research Professor and Professor Emeritus
Larry L. Wade, Ph.D., Professor Emeritus
Geoffrey A. Wandesforde-Smith, Ph.D., Professor Emeritus

Emeriti Faculty

The Political Science Major Program

Political Science is the study of politics and political systems at the local, national, and international levels. It concerns not only the institutions of government but also the analysis of such phenomena as political behavior, political values, political change and stability, parties, pressure groups, bureaucracy, administrative behavior, police, national security, and international affairs.

The Program. The Department of Political Science offers two major programs: political science and political science-public service. The political science major aims to provide the student with a broad understanding of political concepts, political institutions, political behavior, and political processes. The political science-public service major is for students who may aspire to gain practical hands-on experience in their major. It differs in particular from the political science major in its internship requirement and its focus on the American political system.

Internships and Career Alternatives. Both the programs at UC Davis to the state capitol and the programs offered by the UC Center Sacramento and the UC Washington Center afford exceptional internships. Students choosing Track I or II, who are required to study or work abroad for a minimum of one quarter, are offered a wide range of opportunities (see also UC Washington Center, UCDC, on page 576). International relations graduates are prepared for employment in government agencies (such as the Foreign Service), state agencies, international or non-governmental organizations (such as the United Nations), and private sector firms.

The Program.

Graduate Study. The Department of Political Science offers a program of graduate study and research leading to a Ph.D. degree or an M.A./J.D. joint degree. The M.A./J.D. joint degree is offered only in conjunction with UC Davis School of Law. Information concerning admission to these programs and information related to financial support is available in the Graduate Program Coordinator's office.

Graduate Advisor. Consult Graduate Program Coordinator's office.

American History and Institutions. This University requirement may be satisfied by passing any one of the following: Political Science 100, 101, 102, 104, 105, 106, 108, 109, 113, 130, 131, 160, 163; see also under University requirements.

The International Relations Major Program

Ethan Scheine, Ph.D., Program Director

Program Office. 464 Kerr Hall 330-754-8098

Problems of security, development, ethnic conflict, human rights, health, and the environment are increasingly confronted at a global rather than a national level. With its theoretical models and real-world application, the study of international relations is an exciting and highly relevant interdisciplinary major.

The Program. Graduation with a major in international relations requires completion of introductory courses in political science, economics, statistics, and history. The major also requires fluency in English and a working knowledge (approximately 24 to 30 units of course credits or equivalent fluency) of one other modern language. Students choose one of four tracks that encompass major topical areas in combination with an area studies emphasis:

1. World Trade and Development
2. Peace and Security
3. Global Environment, Health, and Natural Resources
4. Peoples and Nationalities. Upper division course work for Tracks I, II, and III is composed of twelve courses. Students choosing Track IV, Peoples and Nationalities, are required to study or work abroad for a minimum of one quarter; upper division course work is reduced to nine classes in recognition of the experience gained through education abroad.

Programs, Internships, and Career Alternatives. One program of special interest to international relations majors is the Education Abroad Program, which provides insights into the life and culture of other countries. At UC Davis, the Internship and Career Center assists students in obtaining legislative, legal, and business internships. In addition, the UC Davis Washington Center and UC Center Sacramento arrange internships and run full-credit academic programs in Washington, D.C. and Sacramento respectively with a full range of opportunities for International Relations students (see also UC Washington Center, UCDC, on page 576). International relations graduates are prepared for employment in government agencies (such as the Foreign Service), state agencies, international or non-governmental organizations (such as the United Nations), and private sector firms.
International Relations Abroad. International Relations strongly encourages all students to participate in the UC Education Abroad Program; those who choose to study Track IV, Peoples and Nationalities, must study or work abroad for a minimum of one quarter. A minimum of five courses taken abroad may be applied toward the 12 upper division courses in Tracks I, II, and III of the International Relations major. In Track IV, the four Area Studies courses may be double-counted. Courses are selected with the approval of an adviser for the International Relations program.

A.B. Major Requirements: UNITS

Preparatory Subject Matter .......... 28-54
Economics 1A or Anthropology 2 ........ 4
Economics 1B ................. 4
History 1C ..................... 5
Political Science 3 ........... 3
Statistics 13 or Sociology 468 ....... 4-5
Political Science 4 .......... 4
Political Science 51 ........... 5
Note: Preparatory Subject Matter does not cover all potential prerequisite courses for upper division curriculum.

Foreign language ................... 0-30
One of the following series in a single language, or certificature in the highest level required below:
Arabic 1, 2, 3, 21, 22, 23 ........ 30
Chinese 1, 2, 3, 4, 5, 6 ............. 30
or Chinese 1A, 4, 5, 6 ............. 30
or Chinese 1CN, 2CN, 3CN ........ 15
or Chinese 1BL, 2BL, 3BL ........ 15
French 1, 2, 3, 21, 22 ............. 25
German 1, 2, 3, 20, 21 .......... 23
Hebrew 1, 2, 3, 21, 22, 23 ......... 30
Hindi/Urdu 1, 2, 3, 21, 22, 23 .... 30
Italian 1, 2, 3, 4, 5 .............. 21
or Italian 1, 2, 3, 8A, 8B .......... 21
Japanese 1, 2, 3, 4, 5, 6 .......... 30
or Japanese 1A, 4, 5, 6 .......... 30
Portuguese/Italian ................ 5
or Portuguese/Dramatic Arts ........ 5
Russian 1, 2, 3, 4, 5 ............. 23
Spanish 1, 2, 3, 21, 22 .......... 25
or Spanish 31, 32, 33 ........... 15
Note: The foreign language curricula are subject to change; please check with an adviser for the major. A language not listed above may be substituted only with prior written approval of the International Relations Program Committee.

Depth Subject Matter ............... 36-48
Tracks I, II and II: Twelve upper division courses
Track IV: Nine upper division courses
Choose one track below.

Track I: World Trade and Development
Emphasizes contemporary economic relations of industrialized and developing countries.

For Advanced Industrialized Focus: Economics 100; 101; 160A-160B; Political Science 123
Two courses selected from Group A ........ 8
One course selected from Group B ........ 4
Four courses to fulfill Area Studies Requirement .......... 16

For Developing Countries Focus: Economics 115A-115B, 162 .................. 12
Political Science 123, 124 ............ 8
One course selected from Group A ........ 8
Two courses selected from Group B .......... 8
Four courses to fulfill Area Studies Requirement .......... 16

Group A courses (Advanced Industrialized Countries):

Agricultural and Resource Economics 138, Anthropology 127, Community and Regional Development 118, 141, Economics 102, 110B, International Relations 104, Political Science 130, 140A, 140B, 140C, 140D, 140E, Sociology 128, 139, 141, 183

Group B courses (Developing Countries):

Track II: Peace and Security
Focuses on political and security relationships among states and non-state actors, examining questions of war, peace, and diplomacy.

Select five courses spanning two disciplines:
Economics 162, History 120, 174B, 174C, Political Science 120, 121, 130, or 132 ................ 20

Three additional courses from at least two departments selected from Comparative Literature 157, Economics 122, History 145, 146A, 146B, Philosophy 118, Political Science 112, 122, 124, 126, 131, 140A, 140B, 140C, 140D, Religious Studies 131, 134, Sociology 100, 118, 157,
Women’s Studies 102 .................. 12
Four courses to fulfill Area Studies Requirement .......... 16

Track III: Global Environment, Health, and Natural Resources
Familiarizes students with new sources of global interdependence such as biodiversity, natural resource conflicts, population growth, and world health.

Note: Some courses shown below have additional prerequisites.
Economics 162 .................. 4
Political Science 142 ........... 4
Environmental Science and Policy 161 or 162 .................. 4
Select one from Anthropology 101, 131, Environmental Science and Policy 164, Philosophy 120 .................. 4
Select two from Agricultural and Resource Economics 147, 175, 176, Anthropology 103, Applied Biological and Agricultural Technology 182, Economics 115A, 125, Environmental Science and Policy 164, International Agricultural Development 170, Philosophy 120, Physics 160, Political Science 107, Sociology 160 .................. 7-8
Select two from the following groups: Atmospheric and Marine Environments: Atmospheric Science 116, 149, Environmental and Resource Sciences 131, Environmental Science and Management 120, 121, Environmental Science and Policy 166N, Geology 116N
Health and Human Populations:
Anthropology 102, 121, 129, 131, Environmental Science and Policy 121, Environmental Toxicology 101, Internal Medicine-Infectious Diseases 141, Nutrition 111A, 111B, 118, Sociology 170
Four courses to fulfill Area Studies Requirement .......... 16

Track IV: Peoples and Nationalities
Examines social and cultural foundations of national development and international relations.

Select two courses from: Anthropology 102, 123AN, 130A, Sociology 118, or 181 .................. 8.
Select one course each from three of the following four groups: .......................... 12

The Mixing of Peoples: Anthropology 130BN, 139HN; Human Development 145B; Women’s Studies 102, 182
Religion: Anthropology 124, 134, Philosophy 105, Religious Studies 106, 161, 170, Sociology 118
Development and its Impact on Social Cleavages: Anthropology 122B, 126A, 126B; Community and Regional Development 180, Political Science 124, 142A; Science and Society 121, Sociology 145A, 145B
Four courses to fulfill Area Studies Requirement .......... 16
Education/Internship Abroad for a minimum of one quarter

Area Studies Requirement
Four courses: Courses must incorporate at least two of three groups of study: History, Social Analysis, Culture and Literature; we encourage students to take all four courses from one region, but will accept a minimum of three from one region and one from a different region. Tracks I, II and III students who choose to take advantage of an Education Abroad experience may fulfill the Area Studies requirement by completing courses instead of four, all three courses must be from one region.

Africa and the Middle East
Culture and Literature: African American and African Studies 153, 157, 162, Art History 150, Comparative Literature 147, 166, Dramatic Art 155A, French 124, Jewish Studies 111

East and South Asia
History: History 191E, 191F, 194C, 194D, 194E, 195B, 196B
Latin America
History: History 159, 162, 163B, 164, 165, 166B, 167, 168
199. Special Study for Advanced Undergraduates (1-5)
Prerequisite: upper division standing and consent of instructor. (P/NP grading only.)

Courses in Political Science (POL)

Lower Division

1. American National Government (4)
Lecture—3 hours; discussion—1 hour. Survey of American national government, including the constitutional system, political culture, parties, elections, the presidency, Congress, and the courts. GE credit: SocSci, Wrt|ACGH, SS, WE.

2. Introduction to Comparative Politics (4)
Lecture—3 hours; discussion—1 hour. Introduction to basic concepts in political analysis and application of them in comparative studies of selected countries. Coverage is given to cultural and other informal dimensions of politics as well as to more formal political and governmental structures. GE credit: SocSci, Wrt|SS, WC, WE.

3. International Relations (4)
Lecture—3 hours; discussion—1 hour. International conflict and cooperation, including the Cold War, nuclear weapons, and new techniques for understanding international politics. GE credit: SocSci, SocSci, Wrt|SS, WC, WE.

4. Basic Concepts in Political Theory (4)
Lecture—3 hours; discussion—1 hour. Analysis of such concepts as the individual, community, liberty, equality, justice, and natural law as developed in the works of the major political philosophers. GE credit: ArtHum or SocSci, AH or SS, WC, WE.

5. Contemporary Problems of the American Political System (4)
Lecture—3 hours; discussion—1 hour. In-depth treatment of selected problems and issues of American politics, governmental institutions, and policies. GE credit: SocSci, Wrt|ACGH, SS, WE.

6. Contemporary Issues in Law and Politics (4)
Seminar—4 hours. Limited enrollment; open to students having no more than 40.1 units. Seminar focusing on the political dimensions of American law and institutions. Examines the role of courts in resolving contemporary issues of law and politics including abortion, capital punishment, and civil rights. Offered irregularly. GE credit: SocSci, Wrt|ACGH, SS, WE.

12Y. Data Visualization in the Social Sciences (4)
Lecture—2 hours; laboratory—1.5 hours; web virtual lecture—1.5 hours. Introduction to quantitative data across the social sciences (Communications, Political Science, Psychology, Sociology, and other disciplines). Transforming data, describing data, producing graphs, visual reasoning, and interpretation. (Same course as Communications 12Y, Sociology 12Y, Psychology 12Y) GE credit: QL, VL—F, W, S, F, V, W, S, F, V.

51. Scientific Study of Politics (4)
Lecture—3 hours; discussion—1 hour. Introduction to the basic principles of the scientific study of politics. Research design and empirical analysis of data with applications to different methodological approaches and different substantive areas in political science. GE credit: ArtHum or SocSci | AH or SS, QL, KE, W, SS, VL, WE.

90X. Lower Division Seminar (4)
Seminar—4 hours. Prerequisite: lower division standing and consent of instructor. Limited enrollment. Examine fundamental issues and concepts that shape the study and practice of politics. Students will read, discuss, and analyze many of the most significant texts in political science in order to develop a foundation for the study of politics.

99. Special Study for Undergraduates (1-5)
Prerequisite: consent of instructor. (P/NP grading only.)
110. The Strategy of Politics (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 1 recommended. Introduction to game theory and an explanation of the behavior of individuals in strategic interaction. Rational and behavioral approaches. Applications to political science and other fields. Offered irregularly. GE credit: ArtHum or SocSci, Wrt|QL, SS, WE.

112. Contemporary Democratic Theory (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 4 recommended. Major contemporary attempts to reformulate traditional democratic theory. Emphasis on replacing traditional theory by conceptual models derived from modern social science findings. Offered irregularly. GE credit: ArtHum or SocSci, Wrt|AH or SS, WC, WE.

113. American Political Thought (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 4 recommended. Origins and nature of American political thought. Principles of American thought as they emerge from the founding period to the present. Offered irregularly. GE credit: ArtHum or SocSci, Wrt|ACGH, AH or SS, WE.

114. Quantitative Analysis of Political Data (4)
Lecture—2 hours; term paper or discussion—1 hour.
Prerequisite: course S1 recommended. Logic and methods of analyzing quantitative political data. Topics covered include central tendency, probability, correlation, and non-parametric statistics. Particular emphasis on using statistical models to test hypotheses in political science research. Offered irregularly. GE credit: ArtHum or SocSci, Wrt|AH or SS, WC, WE.

115. Theorized Political Thought (4)
Lecture—3 hours; term paper. Prerequisite: course 4 recommended. Examination of the ideas central to medieval political thinking. Emphasis will be upon the thoughts of the major political thinkers of the period, rather than upon political history. Offered irregularly. GE credit: ArtHum or SocSci, Wrt|AH or SS, WE.

116. Foundations of Political Thought (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course S1 recommended. Analysis and evaluation of the seminal works of a major political philosopher or of a major problem in political philosophy. May be repeated one time for credit when topic differs. Offered irregularly. GE credit: ArtHum or SocSci, Wrt|AH or SS, WC, WE.

117. Topics in the History of Political Thought (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 4 recommended. The political thought of a specific historical period. Topics may include: Ancient Athens, the Italian Renaissance, the Enlightenment, or Nineteenth Century Germany. May be repeated once for credit. Offered irregularly. GE credit: SocSci, Wrt|SS, WE.

118A. History of Political Theory: Ancient (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 4 recommended. Critical analyses of classical and medieval political philosophers such as Plato, Aristotle, Cicero and St. Thomas. Offered irregularly. GE credit: ArtHum or SocSci, Wrt|AH or SS, WC, WE.

118B. History of Political Theory: Early Modern (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 4 recommended. Critical analyses of the works of late modern political philosophers such as Rousseau, Kant, Hegel, Tocqueville, Mill, Marx and Nietzsche. Offered irregularly. GE credit: ArtHum or SocSci, Wrt|AH or SS, WC, WE.

118C. History of Political Theory: Late Modern (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 4 recommended. Critical analyses of the works of late modern political philosophers such as Rousseau, Kant, Hegel, Tocqueville, Mill, Marx and Nietzsche. Offered irregularly. GE credit: ArtHum or SocSci, Wrt|AH or SS, WC, WE.

119. Contemporary Political Thought (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 4 recommended. Contemporary political thought from the end of the nineteenth century to the present. Emphasis upon an individual philosopher, concept, or philosophical movement; e.g., Nietzsche, Continental political thought, Rawls and critical theories, distributive justice, feminist theory. Offered irregularly. GE credit: ArtHum or SocSci, Wrt|AH or SS, WC, WE.

120. Theories of International Politics (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 3 recommended; consent of instructor. Major contemporary approaches to the study of international politics, including balance of power, game theory, Marxist-Leninist theory, systems theory, and decision-making analysis. Offered irregularly. GE credit: SocSci, Wrt|SS, WE.

121. Scientific Study of War (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 3 recommended. An analysis of political processes involved in the initiation, conduct and termination of war. Offered irregularly. GE credit: SocSci, Wrt|QL, SS, WE.

122. International Law (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 4 recommended. Selections from international law: territory, sovereignty, immunity, responsibility, the peaceful settlement or nonsettlement of international disputes. Offered irregularly. GE credit: SocSci, Wrt|SS, WC, WE.

123. The Politics of Interdependence (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 3 recommended; consent of instructor. In the past several decades, growing economic interdependence has generated new problems in international relations. Course deals with difficulties in managing complex interdependence and its implication on national policies and politics. Offered irregularly. GE credit: SocSci, Wrt|SS, WE.

124. The Politics of Global Inequality (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 3 recommended. Analysis of current economic and political international relations resulting from a long standing division of the global system into rich and poor regions. Offered irregularly. GE credit: SocSci, Div, Wrt|SS, WC, WE.

126. Ethnic Self-Determination and International Conflict (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 3 recommended. Comparing the claims of the state and ethnic peoples in countries undergoing internal conflicts; e.g., South Africa, Northern Ireland. Analyzes the role of the international community in facilitating the peaceful resolution of conflicts. Offered irregularly. GE credit: SocSci, Div, Wrt|SS, WC, WE.

129. Special Studies in International Politics (4)
Lecture—3 hours; term paper. Prerequisite: course 3 recommended. Intensive examination of one or more special problems in international politics. May be repeated one time for credit when different topic is studied. Offered irregularly. GE credit: SocSci, Wrt|SS, WE. — W.

130. Recent U.S. Foreign Policy (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 3 recommended; consent of instructor. Broad survey of the development of U.S. foreign policy in twentieth century with emphasis on transformation of policy during and after World War II, and the introduction to analytic tools and concepts useful for understanding of current foreign policy issues. Offered irregularly. GE credit: SocSci, Wrt|ACGH, SS.

131. Analysis of U.S. Foreign Policy (4)
Lecture—3 hours; term paper. Prerequisite: course 3 recommended; consent of instructor. Detailed presentation and examination of major foreign policy decisions of U.S. foreign policy. Survey of numerous factors influencing policy outcomes and how such determinants vary according to the time period. Offered irregularly. GE credit: SocSci, Wrt|SS, WE.

132. National Security Policy (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 3 recommended. Development of national security policies since 1945. Analysis of defense strategy and assumptions upon which it is based. Effects of nuclear weapons upon conduct of war, alliance systems, and the international system. Prospects of security and stability through arms control. Offered irregularly. GE credit: SocSci, Wrt|SS, WE.

134. Africa and U.S. Foreign Policy (4)

135. International Politics of the Middle East (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 3 recommended; consent of instructor. Restricted to upper division standing. International politics of the Middle East as a microcosm of world politics. The Middle East as a regional system. Domestic and International Politics of the Middle East. Changing Political Structures in the Middle East. Superpower involvement in the Middle East. Offered irregularly. GE credit: SocSci, Wrt|SS, WE.

136. The Arab-Israeli Conflict (4)
Lecture—3 hours; term paper or discussion—1 hour.

137. International Relations in Western Europe (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 3 recommended. Analysis of European unity, problems of the Atlantic alliance, Atlantic political economy, East-West relations, and communism in Western Europe and the relationship between domestic politics and foreign policy. Offered irregularly. GE credit: SocSci, Wrt|SS, WE.

139. Special Studies in Foreign Policy (4)
Lecture—3 hours; term paper. Prerequisite: course 3 recommended; consent of instructor. Extensive examination of one or more special problems in foreign policy. May be repeated one time for credit. Offered irregularly.

140A. Comparative Political Institutions: Electoral Systems (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 2 recommended. Workings of political systems and elections focusing on changing political institutions and effects on voting behavior. Offered irregularly. GE credit: SocSci, Wrt|QL, SS, WE.

140B. Comparative Political Institutions: Parties (4)
Lecture—3 hours; term paper or discussion—1 hour.
Prerequisite: course 2 recommended; consent of instructor. The factors shaping political parties and their role in democratic representation. Offered irregularly. GE credit: SocSci, Div, Wrt|SS, WE.
140C. Comparative Political Institutions: Legislatu res (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended. Examination of legislatures from a comparative perspective. Offered irregularly. GE credit: SocSci, Div, Wrt|SS, WE.

140D. When Institutions Fail (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended. Examination of factors contributing to the success and failure of political institutions. Offered irregularly. GE credit: QL, SS, WE.—F, S, F. (S.)

140E. Policy-Making Processes (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended. Comparative analysis of policy-making in the U.S. and other countries. Offered irregularly. GE credit: QL, SS, WE.—F, S, F. (S.)

142A. Comparative Development: Political Development in Modernizing Societies (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended; consent of instructor. Nature and sequence of political development, its economic and social concomitants; role of elites, military, bureaucracy, and party systems; social stratification and group politics; social mobilization and political participation; instability, violence, and the politics of integration. Offered irregularly. GE credit: SocSci, Div|Wrt|SS, WE. (S, F. (S.)

142B. Comparative Development: Politics and Inequality (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended; consent of instructor. Linkages between politics and the distribution of social and economic goods; Impact of civil rights legislation, the politics of welfare states, and the effects of political participation on the distribution of goods. Offered irregularly. GE credit: SocSci, Div|Wrt|SS, WE. (S, F. (S.)

142C. Comparative Political Development: Democracy and Democratization (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended. Examination of conditions promoting democratization and democratic stability. Offered irregularly. GE credit: SS, WE.—F, S, F. (S.)

143A. Latin American Politics (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended. Issues related to democratic consolidation in Latin America, with a regional focus on South America. Topics include transitions to democracy, the role of the military, politics and political behavior. Offered irregularly. GE credit: SocSci, Div|Wrt|SS, WE.

143B. Mexican Politics (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended. Introduction to the politics of contemporary Mexico. Focus on rise, fall, and aftermath of Mexico’s one-party dominant system. Offered irregularly. GE credit: SocSci, Div|Wrt|SS, WE.

144A. Politics of Post-Communist Countries: East European Politics (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended. Postwar democratization, economic transition, and economic reform in East European states. Offered irregularly. GE credit: SocSci, Wrt|SS, WE.

144B. Politics of Post-Communist Countries: Russia (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended. Democratization, state-building and economic reform; creation of new institutions; impacts of Soviet rule. Offered irregularly. GE credit: SocSci, Div|Wrt|SS, WE.


146B. Politics of Africa: Development in Africa (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended. Political and economic development within Sub-Saharan Africa. States and institutions, democracy, party systems, military coups, civil war, corruption, ethnic/national/regional integration; trade unions, economic development strategies, class formation, and women’s roles and ideology. Offered irregularly. GE credit: SocSci, Div|Wrt|SS, WE.

147A. West European Politics (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended; consent of instructor. The evolution, politics, and contemporary problems of Western Europe. Offered irregularly. GE credit: SocSci, Wrt|SS, WE.

147B. West European Politics: British Politics (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended; consent of instructor. The evolution, politics, and contemporary problems of Britain’s political system. Offered irregularly. GE credit: SocSci, Wrt|SS, WE.

147C. West European Politics: French Politics (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended; consent of instructor. The evolution, politics, and contemporary problems of France’s political system. Offered irregularly. GE credit: SocSci, Wrt|SS, WE.

147D. West European Politics: German Politics (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended. Political Science & International Relations Majors. Evolution, politics and contemporary problems of Germany’s political system. Offered irregularly. GE credit: SocSci, Wrt|SS, WE.

148A. Government and Politics of East Asia: China (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended. Evolution of political institutions and political culture in China with emphasis on the post-1949 period. Primary attention to nationalism, modernization and political efficacy. Offered irregularly. GE credit: SocSci, Wrt|SS, WE.

148B. Government and Politics in East Asia: Japan (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended. Japanese politics, with an emphasis on the postwar period. Particular emphasis on political parties, elections, political economy, and social problems. Offered irregularly. GE credit: SocSci, Div|Wrt|SS, WE.

148C. Government and Politics in East Asia: Southeast Asia (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended. Evolution of political institutions and economy of selected nations in Southeast Asia. Emphasis on imperialist legacy, nation building in multi-ethnic communities, and conflicts in economic performance. Offered irregularly. GE credit: SocSci, Div|Wrt|SS, WE.

150. Judicial Politics and Constitutional Interpretation (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 2 recommended. Evolution of political institutions and economy of selected nations in Southeast Asia. Emphasis on imperialist legacy, nation building in multi-ethnic communities, and conflicts in economic performance. Offered irregularly. GE credit: SocSci, Wrt|ACGH, DD, SS.

151. The Constitutional Politics of the First Amendment and the Right to Privacy (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. The constitutional politics surrounding such issues as the right to free speech, associational rights, the right to free exercise of religious beliefs and the right to privacy. Offered irregularly. GE credit: SocSci, Wrt|ACGH, DD, SS, WE.

152. The Constitutional Politics of Equality (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. Constitutional politics of equality in the American political system; issues surrounding constitutional doctrine and judicial policymaking, special attention on racial and sexual equality. Offered irregularly. GE credit: SocSci, Wrt|ACGH, DD, SS, WE.

153. The Constitutional Politics of the Justice System (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. Constitutional politics of the American criminal justice system. Issues surrounding constitutional doctrine and judicial policymaking on such as search and seizure, arrest, trial, incarcerees due process. Offered irregularly. GE credit: SocSci, Wrt|ACGH, DD, SS, WE.

154. Legal Philosophy (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. Analysis of the nature and functions of law; law as an instrument of social control and the relationship between law and morality. Offered irregularly. GE credit: SocSci, Wrt|SS, WE.

155. Judicial Process and Behavior (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. Analysis of the behavior of judges and courts in the political process. Techniques of judicial decision making. Relationships among courts and other decision-making bodies. Offered irregularly. GE credit: SocSci, Wrt|ACGH, SS, WE.

160. American Political Parties (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. Analysis of the structured operations of the party system in the United States; party functions and organizations, nomination processes, campaigns and elections, party trends and reforms. Offered irregularly. GE credit: SocSci, Wrt|ACGH, DD, QL, SS, WE.

162. Elections and Voting Behavior (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. Analysis of American elections and partisan behavior; political socialization, political participation, partisanship and individual and group determinants of voting. Offered irregularly. GE credit: SocSci, Wrt|ACGH, DD, SS, WE.

163. Group Politics (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. Groups, institutions and individuals, especially in American politics. Historical and analytical treatment of group theories as applied to interest groups (especially labor, business, agriculture, science, military); to racial, ethnic and sectional groups; to professional and public legislative groups, bureaucracies. Offered irregularly. GE credit: SocSci, Wrt|ACGH, DD, SS, WE.

164. Public Opinion (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. Analysis of public opinion as it is supposed to be and as it is. Distribution of opinions among different publics and the significance of these distributions for groups and issues. Opinion polling and its problems. Offered irregularly. GE credit: SocSci, Wrt|ACGH, DD, SS, WE.

165. Mass Media and Politics (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. Organization of and decision making within the media; media
audiences and the effect of the media on attitudes and behavior; the relationship of the government to the media (freedom of the press, government regulation); the media in election campaigns. Offered irregularly. GE credit: SocSci, Writ | SS, WE.

166. Women in Politics (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. The role of women in American politics. Historical experiences; contemporary organizations and strategies; areas of legislation; the impact of differences in social class, race, and ethnicity upon the involvement of women in politics. Offered irregularly. GE credit: SocSci, Writ | ACGH, DD, SS, WE.

168. Chicano Politics (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. Political aspects of Chicano life in America; examines the Chicano political role as it has been historically defined by Chicano groups and their responses to their political environment. Offered irregularly. GE credit: SocSci, Writ | SS, WE.

170. Political Psychology (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. Overview to the growing literature on political psychology. Introduction to how psychological concepts (personality, attitudes, stereotypes, stress, politics, ethnicity, group dynamics) help us understand how citizens think about politics. Offered irregularly. GE credit: SocSci, Writ | SS, WE.

171. The Politics of Energy (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. Nature and performance of political processes for making energy choices at the international, national and state levels. Interaction of energy policy with other political goals and the ability of governmental institutions to overcome constraints on policy innovation. Offered irregularly. GE credit: SocSci, Writ | SS, WE.

172. American Political Development (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. Systematic analysis of contemporary issues in American political development: historical determinants of political change; the timing and character of institutional development; conditions for successful political action. Democratization, cultural change, party formation, state-building, constitutionalism, race relations. Offered irregularly. GE credit: SocSci, Writ | ACGH, DD, SS, WE.

174. Government and the Economy (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. Political basis of economic policy; expertise, spending and regulation; impact of prices, employment and growth on political demands; elite responses to economic conditions; policy alternatives and the public interest. Offered irregularly. GE credit: SocSci, Writ | SS, WE.

175. Science, Technology, and Policy (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended; consent of instructor. Analysis of policymaking for science and the use of technology expertise for making decisions about technology. Topics include funding of basic research, relationship of science to technological development, science and military policy, technological risks, technology assessment and scientists and politics. Offered irregularly. GE credit: SocSci, Writ | OL, SS, WE.

176. Racial Politics (4)
Lecture—3 hours; term paper or discussion—1 hour. Prerequisite: course 1 recommended. Race, racial attitudes and racial policies in the United States with a specific emphasis on African Americans. Offered irregularly. GE credit: SocSci, Div, Writ | ACGH, DD, SS, WE.
219C. Contemporary Political Theory (4) Seminar—3 hours; term paper. Seminar of important works in contemporary political theory including such writers as Nietzsche, Heidegger, Arendt, Rawls, Nozick, Sandel. May be repeated for credit if topic differs.

220. Seminar in Political Theory (4) Seminar—3 hours; term paper. Prerequisite: graduate standing. Open to graduate students only. Introduction to political theory and current debates over its study. Readings from and textual interpretations of political theory including the Federalist Papers and major works by thinkers such as Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, and Rawls. Other readings addressing issues of textual interpretation.

223. International Relations (4) Seminar—3 hours; term paper.

225. The International System (4) Seminar—3 hours; term paper. Analysis of the international system by means of theory formulation and integration; critique of research designs; use of various techniques. Offered in alternate years.

230. American Foreign Policy (4) Seminar—3 hours; term paper. Relates U.S. political culture to formulation of foreign policy. Analyzes American ideological preferences in historical perspective, contemporary public opinion, decision making and implementation. Concludes by examining linkages between foreign policy behavior and democratic process. Offered in alternate years.

241. Communist Political Systems (4) Seminar—4 hours. Prerequisite: course 141 or the equivalent, or consent of instructor. Systematic analysis of selected topics dealing with the political processes of communist political systems.

242. Seminar in Comparative Politics (4) Seminar—3 hours; term paper. Prerequisite: graduate standing or consent of instructor. Systematic survey of theories and methods used in the study of comparative politics.

243. Comparative Institutional Change (4) Seminar—3 hours; term paper. Restricted to graduate students. Comparison of institutional changes in countries of the former Soviet Union and Eastern Europe during the period of transition to democracy. Special attention to institutions of mass representation—electoral and party systems and national legislatures. Offered in alternate years.

246. Policymaking in Third-World Societies (4) Seminar—3 hours. Prerequisite: graduate standing or consent of instructor. Included in analysis of policymaking processes in Third-World countries are such topics as political resources, institutional resources, decision making, resource allocations, planning, and budgeting, implementation, and distribution of world resources. Offered in alternate years.

250. Policy Development and Impact in U.S. Courts (4) Seminar—3 hours; term paper. Prerequisite: graduate standing. Thorough overview of the literature regarding courts as policymaking institutions of government, with emphasis on the formation and implementation of judicial policy. Differences and similarities across the judicial, congressional, and executive branch policy processes. Offered in alternate years.
260. Political Parties (4)
Seminar—3 hours; term paper. Survey of selected topics in American and comparative parties.

261. Political Economy (4)
Seminar—3 hours; term paper. Survey of selected topics in political behavior and public opinion. May be repeated three times for credit when topic differs.

274. Political Economy (4)
Seminar—3 hours; term paper. Restricted to graduate students. Political economy as reflected in taxation, spending and regulation; impact of prices, employment, and growth on political decisions; government responses to economic conditions; electoral politics and the political business cycle. Offered in alternate years.

279. Political Networks: Methods and Applications (4)
Seminar—3 hours; term paper. Prerequisite: graduate standing. Structure of political networks, sociomatrixes and affiliation networks; general networks characteristics; density, centralization, polarization, interdependence, dyadic and triadic characteristics; structural and role equivalence; subsets of networks: cliques, blocks and bloc modeling; characteristics of individuals in networks: centrality and prestige.

280. Bayesian Methods: for Social and Behavioral Sciences (4)
Seminar—3 hours; term paper. Prerequisite: course 212 or equivalent. Pass One open to graduate majors only. Pass Two open to graduate students. Methodology seminar introducing Bayesian quantitative methods to issues and problems in political science and other social and behavioral sciences. Offered in alternate years.

281. Statistical Computing Issues in Political Science (4)
Seminar—3 hours; discussion/laboratory—1 hour. Prerequisite: course 213 or equivalent. Restricted to graduate standing. Methodology seminar introducing computing issues in empirical models for political science and other social and behavioral sciences. Offered in alternate years.

282. Advanced Modeling of Political Behavior (4)
Seminar—3 hours; term paper. Prerequisite: course 212 or equivalent. Restricted to graduate standing or with instructors permission. Applications of formal theory to political science. Review of relevant contributions in other social sciences. Consideration of advanced techniques in game theory. Rational and behavioral approaches.

283. Organizational Behavior (4)
Seminar—4 hours. Organizational behavior as it relates to public sector decision making.

284. Advanced Network Analysis (4)
Seminar—3 hours; term paper. Prerequisite: course 211, 212, 279. Exponential Random Graph Models (ERGMs) of networks, game theoretic models of network formation and network dynamics, diffusion processes, shocks and network contagion, cross-network spillover processes, social and political applications of advanced network models. Offered in alternate years. —Maaz, Zeev

290A. Research in American Government and Public Policy (4)
Seminar—3 hours; term paper. Restricted to graduate students. Special research seminar on problems and issues in the study of American government and public policy. May be repeated up to 6 times for credit if topic differs.

290B. Research in Political Theory (4)
Lecture—3 hours; term paper. Restricted to graduate students only. Special research seminar on problems and issues in the study of political theory. May be repeated six times for credit if topic varies.

290C. Research in International Relations (4)
Lecture—3 hours; term paper. Restricted to graduate students only. Special research seminar on selected problems and issues in the study of international relations. May be repeated six times for credit if topic varies.

290D. Research in Judicial Politics (4)
Seminar—4 hours. Prerequisite: graduate standing in political science or consent of instructor. Contemporary research on judicial politics, judicial institutions, jurisprudence, and judicial behavior.

290E. Research in Political Parties, Politics, and Political Behavior (4)
Seminar—4 hours. Special research seminar on selected problems and issues in the study of political parties, politics, and political behavior.

290F. Research in Comparative Government and Policy (4)
Lecture—3 hours; term paper. Restricted to graduate students only. Special research seminar on selected problems and issues in methods in political science. May be repeated three times for credit if topic varies.

297. Internships in Political Science (2)
Seminar—2 hours. Prerequisite: open only to persons who have internships or other positions in governmental agencies, political parties, etc. Application and evaluation of theoretical concepts through work experience or systematic observation in public and political agencies. May be repeated for credit. (S/U grading only.)

298. Group Study (1-5)
(S/U grading only.)

299. Research (1-12)
(S/U grading only.)

299D. Directed Reading (1-12)
(S/U grading only.)

Professional

390. The Teaching of Political Science (1)
Seminar—1 hour. Prerequisite: graduate standing. Methods and problems of teaching political science at the undergraduate level. (S/U grading only.)

396. Teaching Assistant Training Practicum (1-4)
Prerequisite: graduate standing. May be repeated for credit. (S/U grading only.)

Population Biology (A Graduate Group)

Alan M. Hastings, Ph.D., Chairperson of the Group
Group Office. 2320 Storer Hall 530-752-1274; http://www.eve.ucdavis.edu/eve/pbg/

Faculty

Mariana L. Basket, Ph.D., Associate Professor (Environmental Science and Policy)
David J. Begun, Ph.D., Professor (Evolution and Ecology)
Monique Borgerhoff Mulder, Ph.D., Professor (Anthropology)
Louis W. Botsford, Ph.D., Professor (Wildlife, Fish, and Conservation Biology)
Tim Caro, Ph.D., Professor (Wildlife, Fish, and Conservation Biology)
Graham M. Coop, Ph.D., Associate Professor (Evolution and Ecology)
Huguey P. Courchène, Ph.D., Professor (Environmental Science and Policy)
Jonathan A. Eisen, Ph.D., Professor (Evolution and Ecology)

Pomology

See Plant Sciences, on page 514.

Valerie Eviner, Ph.D., Associate Professor (Plant Sciences)
Jennifer Greiner, Ph.D., Assistant Professor (Evolution and Ecology)
James R. Griesemer, Ph.D., Professor (Philosophy)
Richard K. Grosberg, Ph.D., Professor (Evolution and Ecology)
Academic Senate Distinguished Teaching Award, UC Davis Prize for Teaching and Scholarly Achievement

Susan P. Harrison, Ph.D., Assistant Professor (Environmental Science and Policy)
Alan M. Hastings, Ph.D., Professor (Environmental Science and Policy)

Brian R. Johnson, Ph.D., Assistant Professor (Entomology and Nematology)
Richard Karban, Ph.D., Professor (Entomology)
Daniel Kliebenstein, Ph.D., Professor (Plant Sciences)
Artym Kopp, Ph.D., Professor (Evolution and Ecology)

Charles H. Langley, Ph.D., Professor (Evolution and Ecology)
Sharon P. Lawler, Ph.D., Professor (Entomology)

Susan E. Lott, Ph.D., Assistant Professor (Evolution and Ecology)
Richard McElreath, Ph.D., Professor (Anthropology)
Jay Rosenheim, Ph.D., Professor (Entomology)

Academic Senate Distinguished Teaching Award

Jeffrey Ross-Ibarra, Ph.D., Associate Professor (Plant Sciences)
Eric D. Sanford, Ph.D., Professor (Evolution and Ecology)

Johanna Schmitt, Ph.D., Professor (Evolution and Ecology)

Thomas W. Schoener, Ph.D., Professor (Evolution and Ecology)

Sebastian Schreiber, Ph.D., Professor (Evolution and Ecology)

Mark W. Schwartz, Ph.D., Professor (Environmental Science and Policy)

Arthur M. Shapiro, Ph.D., Professor (Evolution and Ecology)

Academic Senate Distinguished Teaching Award

Andrew Sih, Ph.D., Professor (Environmental Science and Policy)

Johann Stachowicz, Ph.D., Professor (Evolution and Ecology)

Academic Senate Distinguished Teaching Award

Maureen L. Stanton, Ph.D., Associate Professor (Evolution and Ecology)

U.C. Davis Prize for Teaching and Scholarly Achievement

Sharon Y. Strauss, Ph.D., Professor (Evolution and Ecology)

Donald R. Strong, Ph.D., Professor (Evolution and Ecology)

Michael Turelli, Ph.D., Professor (Evolution and Ecology)

Geerat J. Vermeij, Ph.D., Professor (Evolution and Ecology)

Academic Senate Distinguished Teaching Award

Philip S. Ward, Ph.D., Professor (Entomology)

Andrew Whitehead, Ph.D., Associate Professor (Environmental Toxicology)

Louie H. Yang, Ph.D., Assistant Professor (Entomology)

Truman P. Young, Ph.D., Professor (Plant Sciences)

Emeriti Faculty

Hugh Dingle, Ph.D., Professor Emeritus

John H. Gillespie, Ph.D., Professor Emeritus

Kevin J. Rice, Ph.D., Professor Emeritus

Judy A. Stamps, Ph.D., Professor Emeritus

Charles H. Langley, Ph.D., Professor Emeritus

Academic Senate Distinguished Teaching Award

Philippa 2007-2018 offering in parentheses

Fall 2011 and on Revised General Education (GE): AH=Arts and Humanities; SC=Science and Engineering; SS=Social Sciences; AGCH=American Cultures; DD=Diversity; OS=Oral Skills; QT=Quantitative; SL=Scientific; VLC=Visual; WC=Writing Experience
Pre-Fall 2011 General Education (GE): ArtHum=Arts and Humanities; SciEng=Science and Engineering; SocSci=Social Sciences; Div=Diversity; Wr=Writing Experience
Quarter Offered: Fa-W=Fall, W=Winter, S=Spring, Su=Summer; 2017-2018 offering in parentheses