

Title	Department	Level (0-199 = Undergraduate, 200+ = Graduate)	Description
Advanced Painting	ARTS	161	This course is designed to develop competence in individual aesthetic style, especially as it may relate to one's cultural, social, and historical background. The interrelation of painting and drawing with other media and disciplines will be encouraged.
California Flora and Vegetation	BIO	110	Diversity and origin of the native plants of California with an emphasis on evolutionary trends and ecological relationships. Includes identification, classification, endangered species biology, and trips to the north coast and Sierra Nevada. Major vegetation types are introduced. Field and laboratory work.
Principals of Ecology	BIO	125	Ecology is the study of the relations between organisms and their natural environments. The goal of this course is to introduce students to ecological theory and empirical evidence in an effort to explain processes operating at multiple levels of organization. Levels span from individuals to populations, communities, and ecosystems. The course provides students with breadth in ecological principles spanning all of these levels, and challenges students to conduct directed research projects in the Bay Area to test their own hypotheses in an effort to explain observed ecological patterns.
Conservation Biology	BIO	149	The ecology of declining populations and degraded natural ecosystems. Emphasis on the properties of biological diversity, processes of depletion and extinction, and the biology of preservation, recovery, and management. Lab will feature techniques of genetic inventory, demographic modeling, database structure, and the use of GIS technology. Field trips and hands-on projects required.
Marine Biology	BIO	158	Description of basic physical, chemical, geological, and geographical characteristics of the marine environment. Subsequent focus on the diversity of marine life— animals and plants will be considered from both an organismal perspective (form and function), and an ecological perspective (their habitats and interactions with each other/their environment). Communities studied will include coral reefs, deep sea benthos, plankton, nekton, and intertidal assemblages. The impact of humanity on the world's oceans will also be considered. Lecture and laboratory.
Dance Improvisation	DNC	34	This is an introductory course open to all. Previous choreographic experience is not necessary. In this course, improvisational explorations lead to movement inventions. Individuals discover artistic expression through making choices.
Dance Improvisation	DNC	134	Individuals discover artistic expression through making choices.
Economics of Poverty, Inequality, and Discrimination	ECON	130	This course will examine the nature, causes, and effects of inequality and poverty in the United States, with a special focus on remedial public policies. Some of the issues covered include race and gender discrimination, different ways of measuring poverty and inequality, and cross-national comparisons of poverty and inequality.
Environmental Economics	ECON/MGM	153/253	The application of economic analysis to problems of resource depletion and environmental pollution. Fundamental questions will be addressed. Does economic growth imply environmental destruction? What are optimal levels of pollution control and energy conservation? What policy options exist for achieving these goals? Should the government sell permits to pollute, tax polluters, or impose direct legal restrictions on the quantities of pollutants? What are effects of market structure and uncertainty on the rate of resource depletion?

Public Sector Economics	ECON/PPOL	134/215	Public Sector Economics explores how government can protect our collective well-being when markets fail. It examines market failures and explores policies to address the problems they cause, like pollution, congestion, poverty, inequality, and the underprovision of public goods such as public safety and scientific research. It examines who really bears the burden of taxes, and analyzes government programs like welfare, food stamps, Medicare, and Social Security. It specifically addresses issues of fairness.
Environmental Sustainability & Business	ECON/MGM	138/238	This course explores issues of environmental sustainability from the perspective of business and nonprofit organizations. The course covers definitions of environmental sustainability, the relationships between environmental sustainability and other business goals, strategies for improving environmental sustainability, obstacles to sustainability, and environmental policies that affect for-profit and not-for-profit organizations. Course work includes examples and cases, as well as readings, discussions, and problem-solving exercises.
Urban Economics	ECON	139	Urban Economics uses economic analysis to explore why and where cities develop, and how they grow. It also examines important issues cities face, including land use, transportation, education, housing, funding, crime, concentrated poverty, and segregation.
Economics of Climate Change, Environmental Economics	ECON	180/280	Exploration of themes and/or topics not offered as part of the regular curriculum. Course content to be determined by the instructor. May be repeated for credit when topics differ.
Building Structures of Equity, Excellence, and Access	EDUC	348	A laboratory workshop must be taken concurrently or after EDUC 347A. The purpose of this laboratory is to explore issues involved in becoming a teacher-leader for educational equity. This course will have students examine personal, interpersonal, and institutional impacts of the intersection of oppressions surrounding race, ethnicity, language, gender, and class. The central question for the course is: how can we teach each child well in a racist society?
Into to Environmental Science	ENVS	22	A survey course focused on a scientific understanding of the environment as well as people's impact upon the natural world. Emphasis on critical evaluation of environmental issues based on scientific principles. Topics include biodiversity, global warming, the ozone layer, water pollution, and alternative energy.
Environmental Geology with Lab	ENVS	50	An introduction to the composition, structure, and evolution of the earth. Relations of geologic systems, interactions, hazards, and resources to our environment.
Oceanography	ENVS	105	An overview of chemical, physical, geological, and biological aspects of oceanography. Topics will include continental margin and deep ocean basin formation, sedimentation, seawater chemistry, ocean circulation, coastal processes, oceanic primary productivity, marine pollution, and paleoceanography.
Biogeochemicals and Climate Change	ENVS	107	This introductory course surveys diverse natural and human dimensions of Latin America and the Caribbean, using the geographical perspective of human-environmental relationships. Special attention is given to countries forming the background to Latino communities in the United States. Topics include physical environments, indigenous civilizations, the European conquest and resultant ecological and social change, African slavery and resistance, struggles over land and resources, U.S.-Latin America relations, development and environment, and popular social movements.
Environmental Geochemistry with Lab	ENVS	115	An exploration of the major reservoirs, fluxes, and processes controlling the distribution of biologically and geologically active chemical constituents of the Earth, including but not limited to the global carbon, nitrogen, phosphorus, and sulfur cycles. Focuses on the importance of these biogeochemical cycles to Earth's changing climate in the past, present, and future. Simple box modeling methods will be employed as a tool for understanding these cycles.
Directed Research (Urban Reservoirs Project)	ENVS	179	Research on urban reservoirs as biogeochemical systems, under faculty supervision.

Raices (roots): Latin America & Caribbean	ETHS	39	This introductory course surveys diverse natural and human dimensions of Latin America and the Caribbean, using the geographical perspective of human-environmental relationships. Special attention is given to countries forming the background to Latino communities in the United States. Topics include physical environments, indigenous civilizations, the European conquest and resultant ecological and social change, African slavery and resistance, struggles over land and resources, U.S.-Latin America relations, development and environment, and popular social movements.
Ethnicity and Environment in California	ETHS	42	This course emphasizes geographical human-environment interactions in studying the Golden State. Special consideration is given to relationships among natural resource use, economic development, ethnic/race relations, and environmental issues. Topics include physical environments and indigenous societies; the Spanish and Mexican periods; the U.S. takeover; gold and agribusiness; water politics; immigration, racism, and exclusion; urbanization and the environment; and popular social movements.
Third World: Colonialism and Globalization	ETHS	47	An introductory critical and comparative survey of historical, economic, political, social, and environmental forces shaping (and being shaped by) diverse peoples of color, both in the "third world" and the U.S. The course will review key theories and discuss how they influence policies affecting millions of people and their environments. Topics include underdevelopment, colonialism, population, resources, trade, immigration, nationalism, human rights, social movements, and sustainable development.
Race, Gender, and the Environment	ETHS	112	This intensive reading and discussion seminar explores how factors such as race, gender, class, colonialism, and concepts of human-environment relations help shape the often contradictory definitions of "environmentalism." We will explore the ideas and assumptions behind issues and movements such as environmental justice, ecofeminism, deep ecology, biotechnology, the population debate, and sustainable development. Readings include both international and U.S. perspectives, and represent competing viewpoints.
Socially Responsible Business	MGMT	272	This course examines the goals, opportunities, challenges, and impacts of socially responsible business. It examines diverse strategies and organizational models developed for launching, building, and sustaining socially responsible businesses or business initiatives, ranging from corporate and mid-size companies to hybrid ventures. While the scope of the course encompasses the four pillars of socially responsible business—people, communities, planet, and profit—emphasis is given to efforts to generate positive economic and social impacts on people, communities, and society.
Environmental Policy Analysis	PPOL	150	This course is a reading seminar exploring policy responses to environmental problems. We will examine the social and cultural origins of attitudes toward the exploitation and conservation of natural resources, and the institutional structures that shape public policy in this field. American and international case studies will be considered in comparing the effects of ecological crises and policies on different populations and in applying alternative analytical approaches such as political ecology and environmental impact assessment.
Sustainability and Spirituality	REL	180	How does a sampling of world spiritual traditions illustrate the relation between human and non-human entities: i.e., non-human animals, the environment, and the cosmos. What are the implications of these relationships for our contemporary concepts of sustainability? How do these same religious traditions address what we understand today as personal sustainability? Although we understand contemporary society to be uniquely stressful, many of the ancient spiritual traditions regularly foregrounded the need to take time to be "apart"—to separate oneself from the stresses of daily life. From the Jewish Shabbat, to the concepts of pilgrimage, and Buddhist meditation: How have these ancient traditions addressed the need to recharge and refuel? This course explores the different ways ancient traditions have emphasized the need to develop practices that contribute to what we today might term personal sustainability.

General Biology II with Lab	BIO	2	Principles of biological science underlying the structure and function of living things. Lecture, laboratory, and discussion section. The origins and diversity of life. An evolutionary survey of viruses, bacteria, fungi, plants, and animals using comparative anatomy, morphology, physiology, and development.
Evolution for Future Presidents	BIO	49	In <i>On the Origin of Species</i> (1859), Charles Darwin proposed the theory of evolution, a theory of fundamental importance to all citizens. In this seminar, we will establish the historical and scientific context in which this book was written and published. We will read selected chapters of the <i>Origin</i> along with supporting materials, exploring Darwin's arguments as they applied when originally made, and as they are understood today, given 150 years of advances in genetics, biogeography, and paleontology. The class will be both discussion- and activity-based.
Animal Behavior	BIO	144	This course is an introduction to the fundamental principles of how and why animals behave in the ways in which they do. It will focus on understanding the development, mechanisms, ecological function, and evolutionary origins of behavioral traits. Topics include learning, neural and genetic mechanisms, hormonal actions, evolutionary adaptations, life history strategies, survival, foraging, habitat selection, communication, reproduction, sexual selection, mating systems, parental care, social behavior, cooperation, human behavior, and applied animal behavior.
Vertebrate Biology	BIO	161	Anatomy, evolution, physiology, behavior, ecology, and natural history of the various classes of the vertebrates. Lecture and laboratory.
Visible Language	BOOK	117/217	This course explores the language of type and its relevance to students' own written and visual creations. We will examine contemporary trends in visual poetics and legibility, and study the history of writing and type. We will learn about the avant garde period, and students will research the history of written language from their cultural backgrounds. In the studio students will learn both traditional letterpress printing and experimental and improvisational techniques as they produce works on paper. Workshops, guest artists, and field trips will be included.
Books as Multiples, Publishing on the Letterpress	BOOK	184/284	What is the connection between content and its physical form? How does meaning shift when its form changes? What does it mean to publish a book? How are form and content linked in your own work? In this class students will produce books in editions (multiples) in the letterpress studio as we investigate the ways text, image, and print come together in traditional and contemporary books. We will examine the history of print technologies, look at the work of today's independent publishers, and explore the future of the book. Field trips, guest artists, and workshops will be included.
Artists Books: Concept, Content, and Form	BOOK	113/213	What are some conceptual building blocks for artists' books? How do form and content interact in their creation? By what critical standards are they judged? To explore these questions, students will create their own artists' books. We will read from literature, visual studies, and the history and practice of bookmaking, and curate small exhibitions to document concepts and working methods of contemporary book artists as an exploration of current professional practice.
Industrial Organization and Public Policy	ECON	142	Microeconomic principles applied to everyday market interactions between firms, consumers, and public agencies. Emphasis is on real examples of business competition and strategy, consumer welfare, and the role of government in overseeing and regulating market outcomes.
International Trade	ECON/MGM	155/255	A comprehensive introduction to the theory and institutions of international economic relations. Both classical and modern trade theories will be covered, and discussion will focus on current issues of U.S. trade and the world economy.
International Finance	ECON/MGM	158/219	A comprehensive introduction to international financial markets and international financial strategy for multinational business. Foreign exchange and international capital markets are discussed in detail, as well as practical issues such as financing international trade, international investment, joint ventures, and foreign currency management.

Teaching Children Mathematics	EDUC	303	The course explores recommendations from research, the National Council of Teachers of Mathematics, the California Department of Education, and others about appropriate elementary school mathematics education. The three-fold emphasis will be on how to plan and enact mathematical lessons, how to understand and promote students' mathematical thinking, and how to provide children a balanced program of mathematical study that results in conceptual understanding, procedural fluency, and sound reasoning. The great diversity found in California classrooms will be a prime consideration.
Curriculum and Instruction for Secondary Mathematics and Science Teachers	EDUC	305A	Two semester-long courses provide core instructional component for secondary math and science credential candidates. Includes an overview of issues of curriculum and instruction for secondary classrooms. Structure of knowledge in content areas is used as basis for understanding curricular planning as the student-teacher considers what and how to teach, and for what reasons. Also includes instructional/classroom management strategies, planning, technology, assessment for secondary classrooms, and mandated state and local frameworks for secondary subjects.
Student Teaching in the Secondary School	EDUC	385	First part of a two-semester fieldwork sequence for secondary credential students. The introduction to classroom teaching responsibility begins during the fall semester with observation, individual tutoring, small group leadership, and team teaching. By the end of the first semester, the student-teacher assumes full responsibility for a unit of classroom instruction. Team teaching, observation, and assistance in additional classes may also be part of fieldwork.
Special Topics in Literature and Culture	ENG	280	Topics are selected to offer interdisciplinary or cross-cultural perspectives on literature and culture. Examples of such topics are: African American poetry since 1965, autobiography, characterization in Western literature, lesbian literature, and literatures of Asian/Pacific Americans and the Asian Diaspora.
Creative Writing	ENG	155/255	In this advanced writing workshop focusing on fiction (especially the novel) for children and teenagers, students will read extensively to familiarize themselves with a sampling from the body of children's literature, and will write chapters and an outline of their own novel for younger readers.
Politics of Developing Nations	GOVT	141	Overview of the major issues and concerns in comparative politics of the developing world. Critical discussions of the concept of the developing world, colonial histories, economic underdevelopment, state collapse, and violence. Study of the relationship between state and society in the developing world.
Government	GOVT	60	Exploration of themes and/or topics not offered as part of the regular curriculum. Course content to be determined by the instructor.
Social Change Leadership Seminar: Theory and Practice	ICL	181	This course will examine diverse approaches to civic and democratic leadership with special attention to the roles of race, class, and sex/gender expression identity in various realms of social change. Students apply theory to community settings and explore ways to expand their capacity for civic leadership and promote community goals. A community action project will be designed and led by students.
Civic Leadership and the Social Text	ICL	187	This class explores ways that American writers have used their novels, poems, and essays to construct, challenge, and revise our understanding of the role of the civic leader in a democratic society. Authors may include Thomas Jefferson, Frederick Douglass, Margaret Sanger, Abbie Hoffman, Martin Luther King Jr., bell hooks, Frances Harper, Ida B. Wells-Barnett, Catherine Beecher and Harriet Beecher Stowe, Malcolm X, Angela Davis, Abraham Lincoln, Cesar Chavez, W.E.B. DuBois, and Audre Lorde.
Microeconomic Theory	MGMT	200	A comprehensive introduction to advanced principles of microeconomics, including consumer and firm behavior. Conceptual emphasis is on price-directed markets and resource allocation, with additional treatment of welfare economics and government regulation.

Management Information Systems	MGMT	226	Gives future business managers a broad introduction to the theory and reality of planning for the use of technology in business, of choosing and managing the introduction of necessary business technology, and of managing the IT (information technology) function. Will make business managers far better informed consumers of the business technology. Will help IT managers work more effectively with business partners. Course does not teach the nuts-and-bolts details of technology.
Operations Management	MGMT	232	Introduces operations as a functional area of management and examines its link with other functional areas of the firm. Teaches about the acquisition and allocation of resources to support the production and delivery of goods and services. Both manufacturing and service systems will be covered. Introduces contemporary issues faced by operations managers today, such as total quality management, just-in-time approaches, and process reengineering to improve productivity and control costs. The case method is emphasized and computer applications are used.
Leadership and Ethics	MGMT	244	The course surveys key topics in leadership and business ethics, including examining and internalizing what it means to lead authentically, and how authentic leadership underpins ethical decision-making. We then turn to ethics in the workplace, considering prevalent theories of, and influences on, ethical business behavior. We explore “ethical awareness,” drivers of ethical conflicts, and types of ethical issues faced in business. We examine impacts of individual moral philosophies and values on ethical outlook, as well as the influence of corporate culture and work group dynamics.
Economics for Managers	MGMT	209	This course introduces students to economic concepts relevant for business and organizational decision-making. Students will study demand and supply, price determination, measures of economic well-being, and market failures. This course emphasizes applications of economic concepts, insights from behavioral economics, and organizational goals other than profit maximization. The course prepares decision-makers to understand how an economy functions and to help them interpret, analyze, and operate within a changing economic environment.
Marketing Management	MGMT	230	Applies the case study method to marketing management and problem solving in a multicultural environment. Teaches methods for managing product positioning, pricing, distribution, and external communications. Examines customer behavior, demand determination, and marketing research. Emphasis is on developing fully integrated marketing programs.
Marketing Research	MGMT	233	The course is targeted for students who are expecting to be marketing managers or marketing researchers. By the end of the course, students will be able to translate a marketing problem into a feasible research question; understand various types of research that exist and the conditions under which each of them is appropriate; and interpret the results of marketing research to make actionable recommendations for decision makers.
Managerial Economics	MGMT	236	This course develops methods for solving business and administrative problems. The course provides a link between economic theory and practice by showing—through examples, case studies, and discussion—how economic analysis can be usefully applied to managerial decision making. The topics to be covered include risk analysis, econometric studies of demand, costs and productivity, the design of optimal pricing schemes, strategic thinking, and global business issues.
Strategic Management	MGMT	290	This capstone course focuses on the strategic management of organizations, examining issues central to their competitive positioning and long-term viability. Students are given the opportunity to perform real-world evaluations and present critical strategic recommendations regarding creation or reinforcement of sustainable positioning, from the perspective of key executive decision-makers or strategic advisors. A continuous theme throughout the course is the critical relationship between proper strategy development/execution and long-term value creation.

Music Improvisation Ensemble II	MUSIC	242	This intensive course gives experienced musical improvisers a chance to further refine their skills at every level. Revisiting the basic building blocks of music we will examine questions of form, rhythm, timbre, and melody from the improviser's perspective, while working to improve both individual and group improvising techniques. The semester will culminate in a public performance conceived and directed by the ensemble members.
Introduction to Public Policy and Economic Analysis	PPOL	15	This course introduces students to the craft of policy analysis—the use of social science methods to define and address public problems. Through a series of current policy case studies students will learn techniques for diagnosing problems, crafting policy solutions, and evaluating outcomes. They will be challenged to think creatively and critically about public issues, whether as engaged citizens, advocates for change, practicing analysts, or future members of the many professions relevant to public policy.
Methods of Policy Analysis	PPOL	100/200	This course aims to prepare citizens to help their communities make informed and effective decisions. We will explore practical applications of the principal methods of policy analysis. These include a variety of quantitative and qualitative analytical tools used by policy analysts to frame issues, generate alternative options, project outcomes, and inform decision making in a democratic society. In addition, we will develop and practice oral and written communication skills relevant to policy analysis, culminating in a policy analysis paper and presentation.
MPP Integrative Core I	PPOL	230	The Integrative Core sequence, a two-semester capstone of the MPP Program, is designed to integrate and deepen skills developed in the foundation courses. Students analyze a series of policy and managerial problems, using foundation skills along with new techniques introduced in this course. Methodological tools include statistical techniques, organizational analysis, economics, political analysis, legal and ethical reasoning, and other social science frameworks.
MPP Integrative Core II	PPOL	231	This second semester of the MPP Integrative Core sequence serves as a research seminar for students writing their Masters Policy Reports (MPRs). By the first class meeting, each student will have identified a government agency or nonprofit organization that will serve as the client, and will have specified a policy problem facing that agency or organization to be the focus of the MPR research. Students will give presentations on the progress of their projects, provide feedback to each others' presentations and written drafts, and discuss relevant methodological issues.
Special Topics in Public Policy	PPOL	180	Exploration of themes and/or topics not offered as part of the regular curriculum. Course content to be determined by the instructor. May be repeated for credit when topics differ. Recent topics include: "Made in China: Globalization, Policy, and the Environment;" "Law and Public Policy;" "Sustainable Community and Economic Development," etc.
Local and Community Policymaking, Planning and Management	PPOL	227	This course covers analytical techniques and management practices for policy making at the local level. Substantive learning goals include understanding the varying needs and opportunities of "localities" and "communities"; appreciating the role of local government and community-based organizations; and the application of geographic information systems (GIS) to local issues such as transportation, environment, and housing. Course material is drawn from the Bay Area and students undertake a field practicum as part of the course.
Introduction to the Study of Religions	REL	40	This course introduces key concepts and theoretical questions in the academic study of religion drawing on methodology and the content of multiple disciplines. It explores the ways in which religious thought, texts, rituals, and phenomena function in different traditions and in different historical and geographical contexts within traditions. Students will examine the ways in which religious identity interacts with other aspects of identity such as gender, class, ability, race, sexuality, and national origin.