	Course Title	Departments and level	WHICH SUSTAINABILITY	Description
1	AMERICAN ENVIRONMENTAL HISTORY	Environmental Studies, undergraduate	sustainablility course	The course offers a survey of American environmental history. It introduces students to how humans have transformed the landscapes in which they live; how landscapes and ecologies have affected institutions, politics, and cultures in America; and how American conceptions and ideals of nature have changed over time.
2	CONSERVATION BIOLOGY	Biology (crosslisted with Environmental Studies), undergraduate	sustainability course	This course examines a dynamic and rapidly developing field. Conservation biology is the study of factors which influence both the diversity and scarcity of species. In particular, we concentrate on how human activities influence global biodiversity. We also discuss local biodiversity
3	ETHNOBOTANY	Biology, undergraduate	sustainability course	Ethnobotany is the study of the interactions of plants and people, including the influence of plants on human culture. In this course, we examine the properties of plants used for food, fiber, and medicine. We examine how plants are used in developed nations and by indigenous peoples. We focus on ethnobotanically important local native plants in labs and in term papers. Prereq: BIOL 110 and BIOL 120; or permission
4	ENVIRONMENTAL CHEMISTRY	Chemistry (crosslisted with Environmental Studies), undergraduate	sustainability course	Pollution problems are in the news every day. The government continues to set ever more stringent guidelines for pollutants. But how are the small amounts of these chemicals measured? This course answers that question by focusing on the analytical procedures used to monitor these regulated pollutants and the improvements that will be necessary as government controls become tighter.
5	GREEN CHEMISTRY & CATALYSIS	Chemistry, undergraduate	sustainability course	Building on the pioneering work in catalysis over the past several decades, this course explores how green chemistry is changing the motivation and guiding criteria for reaction design. Green chemistry design principles include atom economy and waste minimization, use of catalysts vs. stoichiometric reagents, energy efficiency, and decreased use of toxic reagents and solvents. Chemical foundations draw on understanding catalytic cycles, catalyst structure, and the fundamental reactions performed by organotransition metal catalysts (oxidation, reduction, bond activation, new bond construction, etc.)
6	ENVRNMENTAL & NATURL RESRCE ECON	Economics (crosslisted with Environmental Studies), undergraduate	sustainability course	The study of the economics of renewable and exhaustible resources, environmental problems and policy responses. Topics include: the economics of air and water pollution control, the economics of recycling, the use of cost-benefit analysis, the ‘limits to growth’ debate, and philosophical issues in environmental policy making. Prereq: ECON 110; CL: ENVS 368; Offered annually; S. Cohn
7	INTRO TO ENVIRONMENTAL STUDIES	Environmental Studies, undergraduate	sustainability course	An overview of both the natural and human components of such environmental issues as climate change, human population growth, and biological diversity. The adequacy of scientific and policy responses to environmental dilemmas is examined in light of current knowledge and research.

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8	INTRO TO ENVIRONMENTAL POLICY	Environmental Studies, undergraduate	sustainability course	This course will examine the policymaking process used for environmental issues in the contemporary U.S. We will begin by looking at the formal structures in place at the local, state, and federal levels, and then we will study the various informal ways that these structures can be manipulated. We will address multiple case studies of particular environmental issues, such as air quality, water quality, agriculture, wilderness preservation, and energy supply
9	SUSTAINABILITY: EXPLR AND OPPORT	Environmental Studies, undergraduate	sustainability course	A practical introductory course in sustainability. Beginning with a history and overview of the concept of “sustainability,” this course mounts an investigation and critique of many of the commonly promoted means to achieving it (i.e., recycling, technology, permaculture, etc.) from both an individual and system perspective. Group projects lead to demonstrations of usable and sustainable products and designs.
10	ENERGY	Environmental Studies, undergraduate	sustainability course	A scientific examination of energy resources available on planet Earth. Energy forms are understood in terms of technological systems and sustainability. Students gain the necessary scientific background to understand the substantive challenges faced in providing sufficient energy to human civilization without depleting/exhausting natural resources and denigrating the natural environment.
11	WORLD RESOURCES	Environmental Studies, undergraduate	sustainability course	An examination of the resources necessary for human survival. The major topics include agriculture, energy, and water. Each of these core areas is investigated with a global perspective through the lenses of physical, economic and political viability and sustainability. The course includes student-led projects that examine these issues at a local, state, federal, or international level.
12	SUSTNBLTY & COLLAPSE MIDDLE EAST	Environmental Studies (crosslisted with History), undergraduate	sustainability course	Can't locate official description, but title infers the connection to sustainability as part of the course.
13	THE POLITICS OF CLIMATE CHANGE	Environmental Studies (crosslisted with Political Science), undergraduate	sustainability course	This course will explore the political debate on climate change. Students will examine both the international negotiations and the domestic debates. On the domestic side, students will study the concept of representation and how changes in public opinion on climate change have led to changes in public policy, particularly in the US. On the international side, students will examine the disagreements between industrialized and non-industrialized countries, and how resulting treaties have reflected different ideas of justice, and different political contexts. The course will be centered on social science theories that help us understand the politics of climate change
14	ENVIRONMENTAL ETHICS	Philosophy, undergraduate	sustainability course	An examination of the contested frameworks that govern our environmental policies. Critical questions are: Is there a land ethic? Do animals have rights? Do we have ethical obligations to natural objects? Special attention is given to the major arguments of libertarian, utilitarian, and liberalpluralist social philosophies and to the policies and practices of contemporary environmental activists.

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15	CHALLENGE OF SUSTAINABILITY	Preceptorial, undergraduate	sustainability course	All human societies live in relationship with their surrounding natural environments. They draw on them for resources and in doing so inevitably change them. Today, as human populations have grown and modern societies have become more materially productive and interconnected, our impact on the global environment has increased dramatically. What does it mean for a society to be in a sustainable relationship with its environment? What can we learn from past societies? What are the challenges to sustainability at local, national and global levels? What changes might sustainability entail?
16	PRINCIPLES OF MICROECONOMICS	Economics, undergraduate	includes sustainablity	Microeconomics is concerned with the behavior of the individual economic agents—consumers, households and businesses—that make up the overall economy. The goal of this course is to introduce students to the analytical tools and techniques used by economists to better understand the choices that economic agents make and how markets function. This course also provides an introduction to fields that apply microeconomics such as environmental economics, international trade, industrial organization, labor economics and public finance
17	SURVY OF INTERNATIONAL RELATIONS	Political Science, undergraduate	includes sustainablility	Examination of the state system, elements of national power, sources of international conflict, the nature of war and strategy in the twentieth and twenty-first centuries, measures to resolve conflicts, and prospects for the future. Additional concerns include “non-political” problems of resource scarcity, over-population and multina-tional corporations and their impact on third world states.
18	HUMAN ORIGINS	Anthropology and Sociology, undergraduate	includes sustainability	Humankind’s place in nature, the origins of humanoid traits, the nature of the earliest human societies, and the relation of biology to human behavior are discussed on the basis of current anthropological evidence.
19	CONTEMPORARY SOCIAL ISSUES	Anthropology and Sociology, undergraduate	includes sustainability	This introductory sociology course begins with an examination of globalization and social inequality in the U.S. from both a microsociological and macrosociological perspective. We then explore the “rationalization” of social and economic life and the social dimensions of consumerism. The course invites students to develop their “sociological imagination” by attempting to link their lives as workers and consumers to broader social and economic forces at work in the contemporary world.
20	NATIVE AM: IDENTITY & ADAPTATION	Anthropology and Sociology (crosslisted with Environmental Studies), undergraduate	includes sustainability	Cultural diversity of North American tribes at the time of contact, adaptive strategies of particular culture areas, intellectual and artistic traditions of native North America, and confrontation of Indian and European cultures are explored.
21	SOC & CULT CHANGE IN CONTEMP AFR	Anthropology and Sociology, undergraduate	includes sustainability	The course explores contemporary social and cultural changes in Sub-Saharan Africa through an anthropological lens. Anthropologically-based understandings of African peoples demonstrate how the lives of contemporary Africans are informed by the intersection of local, national, and global systems of culture, history, politics, economics, and environment. General readings and selected case studies provide a framework for a guided student-initiated research project.

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22	BUSINESS & SOCIETY	Business, undergraduate	includes sustainability	This course introduces basic business concepts and critically analyzes issues facing business in its interactions with government, people and the environment. Basic business finance, accounting, human resources, operations, marketing, management and strategy concepts and practices are studied through the lens of their impact on society. Some of the questions examined are: How do managers make financial, marketing, and strategic decisions in the face of competing demands of the various stakeholders? What are product pricing, distribution, and promotional strategies and what are ethical dilemmas faced in implementing them? What impacts are e-business and global business having on business, society, laws, and business decisions? How can businesses manage human resources for both quality of life and success?
23	MARXIST ECONOMICS	Economics, undergraduate	includes sustainability	The study of Marxist political economy with attention to: Marxist methodology, historical materialism, Marxist theories of income distribution and economic crisis, and select topics in political economy, such as the determinants of: technical change, the organization of education, and environmental problems.
24	INTL TRADE: THEORY & POLICY	Economics, undergraduate	includes sustainability	This course provides an introduction to traditional and new trade theories to understand the pattern of international trade. It explores trade policy tools (tariffs, quotas, subsidies) used by governments to change the amount and pattern of trade. Controversies surrounding the WTO and the proliferation of bilateral and regional free trade agreements, along with inclusion of non-trade issues (labor, environment, intellectual property rights) are also discussed. Prereq: ECON 110 and ECON 120; Offered annually; M. Pradhananga
25	ECONOMIC DEVELOPMENT	Economics, undergraduate	includes sustainability	Economic development is concerned with raising the standard of living of a majority of country's population and requires fundamental structural change of the economy and its institutions. This course will examine various theories of economic development, giving special atte3ntion to the role of markets and the government. The course will also cover specific issues and challenges faced by low-income countries in their quest for development including: role of international trade, population growth, agrarian change, and environmental degradation. Prereq: ECON 110 and ECON 120; or permission of the in
26	ENVIRONMENTAL LIT, FILM ARTS	Environmental Studies, undergraduate	includes sustainability	Can't locate official description, but title infers the connection to sustainability as part of the course.
27	ATMOSPHERE AND WEATHER	Environmental Studies, undergraduate	includes sustainability	An introduction to the field of climatology and meteorology, with an emphasis on atmospheric processes. Topically, this course examines key weatherrelated phenomena (e.g. hurricanes, frontal systems, air pollution) and acquaints students with their mathematical and scientific underpinnings.

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28	URBAN AGRICULTURE	Environmental Studies, undergraduate	includes sustainability	An introductory scientific and experiential examination of growing fruits and vegetables in an urban environment, both on open-air farm as well as in a high tunnel. Fall term version focuses on: permaculture, late crops, composting, microgreens, harvesting, season extenders, collecting/storing seeds, winterizing, and aquaponics. Spring term version will focus on: planning, seedlings, planting, bedding soils, watering, pest control, weeding, and local food systems.
29	INTRODUCTION TO GLOBALIZATION	International Studies, undergraduate	includes sustainability	Vigorous discussion of prominent writings and contemporary examples of globalization will cover physical, environmental, historical, political, economic, social and cultural perspectives on the global system.