

Subject.Catalog.Section	Focused or Related	Course Name	Acad	Subject	Administrative Department Match	CrossList	Career	Catalog Long Descr
AFAM258.001	R	CIVIL RIGHTS	CAS	AFAM	Department of African African American and Diaspora Studies		UGRD	An examination of the struggle by black Americans for social justice since World War II and of the systemic responses.
AFAM258.01M	R	CIVIL RIGHTS	CAS	AFAM	Department of African African American and Diaspora Studies		UGRD	An examination of the struggle by black Americans for social justice since World War II and of the systemic responses.
AFAM258.951	R	CIVIL RIGHTS	CAS	AFAM	Department of African African American and Diaspora Studies		UGRD	An examination of the struggle by black Americans for social justice since World War II and of the systemic responses.
AFAM266.001	R	BLACK WOMEN	CAS	AFAM	Department of African African American and Diaspora Studies	AFAM 266.001/WMST 266.001	UGRD	An examination of the individual and collective experiences of black women in America from slavery to the present and the evolution of feminist consciousness.
AFAM293.001	R	AFRICAN DIASP IN THE AMERICAS	CAS	AFAM	Department of African African American and Diaspora Studies		UGRD	An interdisciplinary survey of African-descendant communities and the development and expression of African/black identities in the context of competing definitions of diaspora.
AFAM293.01S	R	AFRICAN DIASP IN THE AMERICAS	CAS	AFAM	Department of African African American and Diaspora Studies		UGRD	An interdisciplinary survey of African-descendant communities and the development and expression of African/black identities in the context of competing definitions of diaspora.
AFAM392.001	R	AFRI AMER CONTEMPORARY ISSUES	CAS	AFAM	Department of African African American and Diaspora Studies		UGRD	This course will allow students to research, analyze, and engage pressing political, economic, and social issues confronting black people in North America and elsewhere in the diaspora.
AFAM422.001	R	AFAM HUMAN RIGHTS	CAS	AFAM	Department of African African American and Diaspora Studies		UGRD	This course examines how questions of democracy and human rights have been conceptualized in African Diaspora communities in the Americas and Europe.
AFAM428.001	R	AFAM BIOETHICS	CAS	AFAM	Department of African African American and Diaspora Studies		UGRD	Will examine the process involved in resolving moral dilemmas pertaining to people of the African diaspora.
AFAM428.951	R	AFAM BIOETHICS	CAS	AFAM	Department of African African American and Diaspora Studies		UGRD	Will examine the process involved in resolving moral dilemmas pertaining to people of the African diaspora.
AFAM440.001	R	LAW AND SOCIETY	CAS	AFAM	Department of African African American and Diaspora Studies		UGRD	This course explores the intersection of law and societal developments drawing from the disciplines of history, political science, anthropology, feminist legal studies, and constitutional law. The themes of the course will vary depending on the training, research interests, and geographical concentration of the faculty teaching the course.
AFAM474.001	R	BLACK ATLANTIC CROSSCURRENTS	CAS	AFAM	Department of African African American and Diaspora Studies	AFAM 474/AFRI 474 001	UGRD	This course explores theoretical issues concerning historical, cultural, socio-political, and intellectual formations, connections, and movements between Africa and its Atlantic diaspora.
AFAM50.001	R	FYS DEFINING BLACKNESS	CAS	AFAM	Department of African African American and Diaspora Studies		UGRD	Blackness and whiteness as racial categories have existed in the United States from the earliest colonial times, but their meanings have shifted and continue to shift. Over the semester we will attempt to define and redefine blackness in the United States.
AFAM530.001	R	RACE/CULTURE IN BRAZIL	CAS	AFAM	Department of African African American and Diaspora Studies		UGRD	Examines race, culture, and politics in Brazil from historical and contemporary perspectives. Focuses on dynamics of race, gender, class, and nation in shaping Brazilian social relations.
AFAM569.001	R	BLACK WOMEN IN US	CAS	AFAM	Department of African African American and Diaspora Studies	HIST 269 001/WMST 569 001	UGRD	The course covers the history of black women in the United States from the 18th century to the present. It deals with such themes as work, family, community, sexuality, politics, religion, and culture.
AFRI101.001	R	INTRO TO AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Introduction to the study of the African continent, its peoples, history, and contemporary problems of development in a globalized world, including a survey of the African past, society and culture, and contemporary political, economic, and social issues.
AFRI101.002	R	INTRO TO AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Introduction to the study of the African continent, its peoples, history, and contemporary problems of development in a globalized world, including a survey of the African past, society and culture, and contemporary political, economic, and social issues.
AFRI101.003	R	INTRO TO AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Introduction to the study of the African continent, its peoples, history, and contemporary problems of development in a globalized world, including a survey of the African past, society and culture, and contemporary political, economic, and social issues.
AFRI101.004	R	INTRO TO AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Introduction to the study of the African continent, its peoples, history, and contemporary problems of development in a globalized world, including a survey of the African past, society and culture, and contemporary political, economic, and social issues.
AFRI101.005	R	INTRO TO AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Introduction to the study of the African continent, its peoples, history, and contemporary problems of development in a globalized world, including a survey of the African past, society and culture, and contemporary political, economic, and social issues.
AFRI101.006	R	INTRO TO AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Introduction to the study of the African continent, its peoples, history, and contemporary problems of development in a globalized world, including a survey of the African past, society and culture, and contemporary political, economic, and social issues.
AFRI101.951	R	INTRO TO AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Introduction to the study of the African continent, its peoples, history, and contemporary problems of development in a globalized world, including a survey of the African past, society and culture, and contemporary political, economic, and social issues.
AFRI101.990	R	INTRO TO AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies	AFRI 101/990/991/992	UGRD	Introduction to the study of the African continent, its peoples, history, and contemporary problems of development in a globalized world, including a survey of the African past, society and culture, and contemporary political, economic, and social issues.
AFRI101.991	R	INTRO TO AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies	AFRI 101/990/991/992	UGRD	Introduction to the study of the African continent, its peoples, history, and contemporary problems of development in a globalized world, including a survey of the African past, society and culture, and contemporary political, economic, and social issues.
AFRI101.992	R	INTRO TO AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies	Afri101/990	UGRD	Introduction to the study of the African continent, its peoples, history, and contemporary problems of development in a globalized world, including a survey of the African past, society and culture, and contemporary political, economic, and social issues.
AFRI101.993	R	INTRO TO AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies	Afri 101/993	UGRD	Introduction to the study of the African continent, its peoples, history, and contemporary problems of development in a globalized world, including a survey of the African past, society and culture, and contemporary political, economic, and social issues.
AFRI101.994	R	INTRO TO AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies	Afri 101/993	UGRD	Introduction to the study of the African continent, its peoples, history, and contemporary problems of development in a globalized world, including a survey of the African past, society and culture, and contemporary political, economic, and social issues.
AFRI190.001	R	TOPICS IN AFRI STU	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	A seminar for junior majors in the curriculum and others with some background in the study of Africa. Discussion and research papers on one topic selected for emphasis each semester; e.g., urbanization, literature, etc.
AFRI261.001	R	GENDER & SEXUALITY IN AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Introduction to the study of gender and sexuality in African societies. Theoretical questions relating to the cross-cultural study of gender will be a primary focus. Topics include historical perspectives on the study of kinship and family in Africa and the impact of colonialism and other forms of social change.
AFRI261.002	R	GENDER & SEXUALITY IN AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Introduction to the study of gender and sexuality in African societies. Theoretical questions relating to the cross-cultural study of gender will be a primary focus. Topics include historical perspectives on the study of kinship and family in Africa and the impact of colonialism and other forms of social change.
AFRI265.990	R	AFRICA IN GLOBAL SYSTEM	CAS	AFRI	Department of African African American and Diaspora Studies	AFRI 265/990/991/992	UGRD	Prerequisite, AAAD 101. A seminar that critically examines the historical and theoretical basis of the state's centrality in economic development in African countries. Relevant case studies drawn from sub-Saharan Africa.
AFRI265.991	R	AFRICA IN GLOBAL SYSTEM	CAS	AFRI	Department of African African American and Diaspora Studies	AFRI 265/990/991/992	UGRD	Prerequisite, AAAD 101. A seminar that critically examines the historical and theoretical basis of the state's centrality in economic development in African countries. Relevant case studies drawn from sub-Saharan Africa.
AFRI368.01M	R	POL PROTEST & CONFLICT	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Prerequisite, AAAD 101. This course surveys contemporary forms of political conflict and protest in Africa. The nature, causes, and consequences of these conflicts will be examined.
AFRI370.001	R	POLICY PROBLEMS IN AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Prerequisite, AAAD 101. A course on policy making in African states concerning development and/or other issues.
AFRI370.002	R	POLICY PROBLEMS IN AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Prerequisite, AAAD 101. A course on policy making in African states concerning development and/or other issues.
AFRI456.001	R	SENEGALISE SOCIETY	CAS	AFRI	Department of African African American and Diaspora Studies	AFRI456/FREN375	UGRD	This course provides an overview of Senegalese culture through movies, literary works, and scholarly books and articles. The course examines the geography, population, ethnic composition, thoughts and religious beliefs, arts and music, polygamy, status of women, and the impact of the tariqas or Sufi orders on people's daily lives.
AFRI474.001	R	BLACK ATLANTIC CROSSCURRENTS	CAS	AFRI	Department of African African American and Diaspora Studies	AFAM 474/AFRI 474 001	UGRD	This course explores theoretical issues concerning historical, cultural, socio-political, and intellectual formations, connections, and movements between Africa and its Atlantic diaspora.
AFRI474.002	R	BLACK ATLANTIC CROSSCURRENTS	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	This course explores theoretical issues concerning historical, cultural, socio-political, and intellectual formations, connections, and movements between Africa and its Atlantic diaspora.
AFRI520.001	R	SOUTHERN AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies	AFRI 520/PWAD 520 001	UGRD	Prerequisite, AFRI 101 or equivalent. Study of the history, politics, and economic development of southern Africa in the 20th century.
AFRI521.001	R	EAST AFRICAN SOCIETY	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Recommended preparation, AFRI 101. Study of the history, politics, and economic development of Kenya, Uganda, and Tanzania in the 20th century.
AFRI522.001	R	REGIONAL SEMINAR AFRI STUDIES	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Prerequisite, AAAD 101. Seminar focuses on history, politics, and economic development challenges of a single region or major country of the African continent, with emphasis on contemporary issues. Region, country, and topics vary by semester and instructor.
AFRI524.001	R	NORTH-EAST AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Recommended preparation, AFRI 101. This course covers the history of colonial governments between the end of World War II and the onslaught of decolonization (1919-1994) in north East Africa and the region's political systems thereafter.
AFRI550.001	R	DEMOCRATIC GOVERNANCE	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Prerequisite, AAAD 101. An in-depth examination of trends and theories on democratic governance since the end of the Cold War, together with the implications of these trends and theories for Africa.
AMST101.001	R	EMER AMER CULT	CAS	AMST	Department of American Studies		UGRD	Interdisciplinary examination of two centuries of American culture, focusing on moments of change and transformation.
AMST110.001	R	NATIVE NORTH AMERICA	CAS	AMST	Department of American Studies	HIST 110 001/AMST 110 001	UGRD	An interdisciplinary introduction to Native American history and studies. The course uses history, literature, art, and cultural studies to study the Native American experience.
AMST110.01M	R	NATIVE NORTH AMERICA	CAS	AMST	Department of American Studies		UGRD	An interdisciplinary introduction to Native American history and studies. The course uses history, literature, art, and cultural studies to study the Native American experience.
AMST203.001	R	APPR AMER INDIAN STUDIES	CAS	AMST	Department of American Studies		UGRD	Introduces students to the disciplines comprising American Indian studies and teaches them how to integrate disciplines for a more complete understanding of the experiences of American Indian peoples.

AMST210.001	R	SOUTHERN STUDIES HISTORY	CAS	AMST	Department of American Studies		UGRD	An examination of both the mythical and real American South and its diverse peoples through the study of the region's archaeological, geographical, and environmental history integrated with the study of the region's sociology and its economic, political, intellectual, and religious history.
AMST211.001	R	SOUTHERN STUDIES LITCULT	CAS	AMST	Department of American Studies		UGRD	An examination of Southern cultural identity, literary imagination, and sense of place with an emphasis on the fiction, folklore, foodways, art, architecture, music, and material culture of the American South.
AMST233.001	R	WESTERN NATIVE AMERICANS	CAS	AMST	Department of American Studies	HIST/AMST 233.001	UGRD	Deals with the histories of Native Americans living west of the Mississippi River. It begins in the pre-Columbian past and extends to the end of the 19th century.
AMST234.001	R	NA TRIBAL STUDIES	CAS	AMST	Department of American Studies	HIST/AMST/ANTH 234.001	UGRD	This course introduces students to a tribally specific body of knowledge. The tribal focus of the course and the instructor change from term to term.
AMST235.001	R	NATIVE AMERICA 20TH C	CAS	AMST	Department of American Studies		UGRD	This course deals with the political, economic, social, and cultural issues important to 20th-century Native Americans as they attempt to preserve tribalism in the modern world.
AMST258.001	R	CAPTIVITY	CAS	AMST	Department of American Studies		UGRD	Examines how representations of captivity and bondage in American expression worked to construct and transform communal categories of religion, race, class, gender, and nation.
AMST290.002	R	TOPICS IN AMST	CAS	AMST	Department of American Studies	ENGL 475 001/AMST 290 002	UGRD	Special topics in American studies.
AMST335.001	R	DEFINING AMERICA II	CAS	AMST	Department of American Studies	AMST 335/335H.001	UGRD	An interdisciplinary seminar that investigates the changing meanings of being American since the United States Civil War.
AMST387.001	R	20TH CENT RACE & EMPIRE	CAS	AMST	Department of American Studies		UGRD	This upper-level seminar explores influential 20th-century writings on race and empire and colonialism by intellectuals from America and around the world.
AMST398.001	R	SERVICE LEARNING	CAS	AMST	Department of American Studies		UGRD	Explores history and theory of volunteerism and service learning in America. Includes a weekly academic seminar and placement in a service learning project.
AMST410.001	R	So. Studies Capstone	CAS	AMST	Department of American Studies		UGRD	We will engage such topics as race, immigration, cultural tourism, and memory to consider conceptions of the South. Students will research a subject they find compelling and write a 20- to 25-page paper.
AMST482.001	R	AMERICAN LANDSCAPE	CAS	AMST	Department of American Studies		UGRD	This course will consider how real estate speculation, transportation, suburbanization, and consumerism have shaped a landscape whose many representations in art and narrative record our ongoing struggle over cultural meaning.
AMST488.001	R	MATERIAL CULTURE SOUTH	CAS	AMST	Department of American Studies		UGRD	Seminar will explore the unique worlds of Southern material culture and how "artifacts" from barns to biscuits provide insight about the changing social and cultural history of the American South.
AMST51.001	R	FYS NAVIGATING AMERICA	CAS	AMST	Department of American Studies		UGRD	Analyze American journeys and destinations, focusing on how resources, technology, transportation, and cultural influences have transformed the navigation and documentation of America. Multimedia documentation of personal journey required.
AMST53.001	R	FYS FAM & SOCIAL CHANGE	CAS	AMST	Department of American Studies		UGRD	This course uses changes in the American family over the past century as a way of understanding larger processes of social change.
AMST57.001	R	FYS: ACCESS TO COLLEGE	CAS	AMST	Department of American Studies		UGRD	This course explores barriers to access to American colleges and universities. Success in application, admission, matriculation, and graduation requires ability and experience and is also a function of other advantages.
ANTH101.001	R	GEN ANTHROPOLOGY	CAS	ANTH	Department of Anthropology		UGRD	An introduction to anthropology, the science of humans, the culture-bearing animal. Topics considered: human evolution and biological variations within and between modern populations, prehistoric and historic developments of culture, cultural dynamics viewed analytically and comparatively.
ANTH101.003	R	GEN ANTHROPOLOGY	CAS	ANTH	Department of Anthropology		UGRD	An introduction to anthropology, the science of humans, the culture-bearing animal. Topics considered: human evolution and biological variations within and between modern populations, prehistoric and historic developments of culture, cultural dynamics viewed analytically and comparatively.
ANTH101.006	R	GEN ANTHROPOLOGY	CAS	ANTH	Department of Anthropology		UGRD	An introduction to anthropology, the science of humans, the culture-bearing animal. Topics considered: human evolution and biological variations within and between modern populations, prehistoric and historic developments of culture, cultural dynamics viewed analytically and comparatively.
ANTH101.007	R	GEN ANTHROPOLOGY	CAS	ANTH	Department of Anthropology		UGRD	An introduction to anthropology, the science of humans, the culture-bearing animal. Topics considered: human evolution and biological variations within and between modern populations, prehistoric and historic developments of culture, cultural dynamics viewed analytically and comparatively.
ANTH101.951	R	GEN ANTHROPOLOGY	CAS	ANTH	Department of Anthropology		UGRD	An introduction to anthropology, the science of humans, the culture-bearing animal. Topics considered: human evolution and biological variations within and between modern populations, prehistoric and historic developments of culture, cultural dynamics viewed analytically and comparatively.
ANTH101.990	R	GEN ANTHROPOLOGY	CAS	ANTH	Department of Anthropology	ANTH 101/990/991/992	UGRD	An introduction to anthropology, the science of humans, the culture-bearing animal. Topics considered: human evolution and biological variations within and between modern populations, prehistoric and historic developments of culture, cultural dynamics viewed analytically and comparatively.
ANTH101.991	R	GEN ANTHROPOLOGY	CAS	ANTH	Department of Anthropology	ANTH 101/990/991/992	UGRD	An introduction to anthropology, the science of humans, the culture-bearing animal. Topics considered: human evolution and biological variations within and between modern populations, prehistoric and historic developments of culture, cultural dynamics viewed analytically and comparatively.
ANTH101.992	R	GEN ANTHROPOLOGY	CAS	ANTH	Department of Anthropology	ANTH 101/990/991/992	UGRD	An introduction to anthropology, the science of humans, the culture-bearing animal. Topics considered: human evolution and biological variations within and between modern populations, prehistoric and historic developments of culture, cultural dynamics viewed analytically and comparatively.
ANTH102.006	R	CULTURAL ANTH	CAS	ANTH	Department of Anthropology		UGRD	An introduction to non-Western cultures studied by anthropologists. Includes an in-depth focus on the cultural and social systems of several groups.
ANTH102.990	R	CULTURAL ANTH	CAS	ANTH	Department of Anthropology	ANTH 102/990/991/992	UGRD	An introduction to non-Western cultures studied by anthropologists. Includes an in-depth focus on the cultural and social systems of several groups.
ANTH102.991	R	CULTURAL ANTH	CAS	ANTH	Department of Anthropology	ANTH 102/990/991/992	UGRD	An introduction to non-Western cultures studied by anthropologists. Includes an in-depth focus on the cultural and social systems of several groups.
ANTH102.992	R	CULTURAL ANTH	CAS	ANTH	Department of Anthropology	ANTH 102/990/991/992	UGRD	An introduction to non-Western cultures studied by anthropologists. Includes an in-depth focus on the cultural and social systems of several groups.
ANTH123.006	R	HABITAT & HUMANITY	CAS	ANTH	Department of Anthropology		UGRD	Cross-cultural survey of building and landscape architecture, including prehistoric dwellings and sacred structures such as shrines and temples. Emphasis on architecture as symbolic form and cultural meaning.
ANTH143.006	R	HUMAN EVOL & ADAPT	CAS	ANTH	Department of Anthropology		UGRD	Evolutionary and ecological approach to understanding the human species' past and contemporary human variation. Emphasis on evolutionary processes, biological adaptation, and biocultural interactions with diverse environments.
ANTH147.006	R	COMP HEALING SYSTEM	CAS	ANTH	Department of Anthropology		UGRD	In this course we compare a variety of healing beliefs and practices so that students may gain a better understanding of their own society, culture, and medical system.
ANTH151.001	R	FOOD AND CULTURE	CAS	ANTH	Department of Anthropology		UGRD	Anthropological perspectives on foodways. This course examines the biological basis of human diets as well as the historical and cultural contexts of food production, preparation, presentation, and consumption.
ANTH151.006	R	FOOD AND CULTURE	CAS	ANTH	Department of Anthropology		UGRD	Anthropological perspectives on foodways. This course examines the biological basis of human diets as well as the historical and cultural contexts of food production, preparation, presentation, and consumption.
ANTH151.01M	R	FOOD AND CULTURE	CAS	ANTH	Department of Anthropology		UGRD	Anthropological perspectives on foodways. This course examines the biological basis of human diets as well as the historical and cultural contexts of food production, preparation, presentation, and consumption.
ANTH206.001	R	AMERICAN INDIAN SOCIETIES	CAS	ANTH	Department of Anthropology		UGRD	Explores the tremendous diversity that exists within and across American Indian nations, together with the concerns, issues, and challenges that shape the futures American Indians are charting for themselves.
ANTH206.01M	R	AMERICAN INDIAN SOCIETIES	CAS	ANTH	Department of Anthropology	ANTH206/FOLK230	UGRD	Explores the tremendous diversity that exists within and across American Indian nations, together with the concerns, issues, and challenges that shape the futures American Indians are charting for themselves.
ANTH226.001	R	PEOPLES OF AFRICA	CAS	ANTH	Department of Anthropology		UGRD	Introductory ethnographic survey emphasizing 1) diversity of kinship systems, economies, politics, religious beliefs, etc.; 2) transformations during the colonial era; and 3) political and economic challenges of independent nations. Lectures, films, recitation.
ANTH226.006	R	PEOPLES OF AFRICA	CAS	ANTH	Department of Anthropology		UGRD	Introductory ethnographic survey emphasizing 1) diversity of kinship systems, economies, politics, religious beliefs, etc.; 2) transformations during the colonial era; and 3) political and economic challenges of independent nations. Lectures, films, recitation.
ANTH230.001	R	NATIVE AMERICAN CULTURES	CAS	ANTH	Department of Anthropology	ANTH 230/FOLK 230 001	UGRD	Broad survey of contemporary American Indian societies and cultures in the United States. Explores socio-cultural and historical diversity of tribes through film, autobiography, literature, current issues, guest speakers, archaeology, and history.
ANTH230.01M	R	NATIVE AMERICAN CULTURES	CAS	ANTH	Department of Anthropology	ANTH230/FOLK230	UGRD	Broad survey of contemporary American Indian societies and cultures in the United States. Explores socio-cultural and historical diversity of tribes through film, autobiography, literature, current issues, guest speakers, archaeology, and history.
ANTH248.001	R	PUBLIC ANTHROPOLOGY	CAS	ANTH	Department of Anthropology		UGRD	Explores how anthropologists can impact or participate in policy debates regarding contemporary social problems. Involves professional and internship options in public service fields. APPLES service-learning course.
ANTH277.990	R	GENDER AND CULTURE	CAS	ANTH	Department of Anthropology	ANTH 277.990/991/992	UGRD	Examines what it means to be male, female, and other gendered categories in different societies. Focus on institutions, groups, and individuals that both shape and challenge how gender is understood, organized, and enacted.
ANTH277.991	R	GENDER AND CULTURE	CAS	ANTH	Department of Anthropology	ANTH 277.990/991/992	UGRD	Examines what it means to be male, female, and other gendered categories in different societies. Focus on institutions, groups, and individuals that both shape and challenge how gender is understood, organized, and enacted.

ANTH280.006	R	ANTH OF WAR AND PEACE	CAS	ANTH	Department of Anthropology	ANTH 280/ PWAD 280.006	UGRD	Cross-cultural perspectives on war in its relation to society, including Western and non-Western examples. Surveys political, economic, and cultural approaches to warfare and peacemaking.
ANTH318.001	R	HUM GROWTH DEVELOP	CAS	ANTH	Department of Anthropology		UGRD	Comparative study of human growth and development from conception through adulthood. Special emphasis on evolutionary, biocultural, ecological, and social factors that influence growth.
ANTH419.001	R	ANTHROPOLOGICAL GIS	CAS	ANTH	Department of Anthropology		UGRD	Permission of the instructor. GIS experience required. This course explores applying GIS science technologies to anthropological problems. Students will learn GIS skills and apply them using spatial data.
ANTH422.001	R	ANTH & HUMAN RIGHTS	CAS	ANTH	Department of Anthropology		UGRD	An examination human rights issues from an anthropological perspective, addressing the historical formation of rights, their cross-cultural context and the emergence of humanitarian and human rights organizations on a global scale.
ANTH429.001	R	CULTURE/PWR SE ASIA	CAS	ANTH	Department of Anthropology	ANTH/ASIA/FOLK 429.001	UGRD	The formation and transformation of values, identities, and expressive forms in Southeast Asia in response to forms of power. Emphasis on the impact of colonialism, the nation-state, and globalization.
ANTH435.001	R	CONSCIOUS & SYMBOLS	CAS	ANTH	Department of Anthropology	ANTH/CMPL/FOLK 435.001	UGRD	This course explores consciousness through symbols. Symbols from religion, art, politics, and self are studied in social, psychological, historical, and ecological context to ascertain meanings in experience and behavior. Includes readings and discussions about the works of Thomas Berry.
ANTH435.006	R	CONSCIOUS & SYMBOLS	CAS	ANTH	Department of Anthropology	ANTH 435 006/FOLK/CMPL	UGRD	This course explores consciousness through symbols. Symbols from religion, art, politics, and self are studied in social, psychological, historical, and ecological context to ascertain meanings in experience and behavior. Includes readings and discussions about the works of Thomas Berry.
ANTH438H.001	R	RELI NATURE ENVIRONMENT	CAS	ANTH	Department of Anthropology		UGRD	A seminar on concepts of nature within religions and a variety of world-wide spiritual traditions. Emphasis on sacred space, place, and pilgrimage as a vital intersection of religion and nature.
ANTH440.006	R	GENDER AND CULTURE	CAS	ANTH	Department of Anthropology	ANTH 440/ WMST 440	UGRD	Examines what it means to be male, female, and other gendered categories in different societies. Focus on institutions, groups, and individuals that both shape and challenge how gender is understood, organized, and enacted.
ANTH440.01M	R	GENDER AND CULTURE	CAS	ANTH	Department of Anthropology		UGRD	Examines what it means to be male, female, and other gendered categories in different societies. Focus on institutions, groups, and individuals that both shape and challenge how gender is understood, organized, and enacted.
ANTH440.990	R	GENDER AND CULTURE	CAS	ANTH	Department of Anthropology	ANTH 440/990/991/992	UGRD	Examines what it means to be male, female, and other gendered categories in different societies. Focus on institutions, groups, and individuals that both shape and challenge how gender is understood, organized, and enacted.
ANTH440.991	R	GENDER AND CULTURE	CAS	ANTH	Department of Anthropology	ANTH 440/990/991/992	UGRD	Examines what it means to be male, female, and other gendered categories in different societies. Focus on institutions, groups, and individuals that both shape and challenge how gender is understood, organized, and enacted.
ANTH440.992	R	GENDER AND CULTURE	CAS	ANTH	Department of Anthropology	ANTH 440/990/991/992	UGRD	Examines what it means to be male, female, and other gendered categories in different societies. Focus on institutions, groups, and individuals that both shape and challenge how gender is understood, organized, and enacted.
ANTH444.001	R	MED POLIT JUSTICE	CAS	ANTH	Department of Anthropology		UGRD	This course brings an anthropological approach to understanding the intersections between medicine, politics, and public health.
ANTH445.001	R	MIGRATION AND HEALTH	CAS	ANTH	Department of Anthropology		UGRD	This course examines the intersections between migration processes and the political, economic, and social dimensions of health and well-being among migrants, their families, and their communities.
ANTH446.001	R	POVERTY INEQUALITY & HEALTH	CAS	ANTH	Department of Anthropology		UGRD	This course examines poverty, inequalities, and health from a global and historical perspective. We will study the role of sociopolitical context, individual behavior, and human biology, and will pay particular attention to the roles of psychosocial stress, material conditions, and policy in shaping health differences within and between populations.
ANTH448.001	R	CULTURE & CONSUMPTION	CAS	ANTH	Department of Anthropology		UGRD	A cross-cultural look at gift giving, commodities, and status symbols. Course explores branded commodities, materialism as a factor in cultural change, global consumer culture, and local alternatives.
ANTH456.001	R	SMALL-SCALE SOCIETIES	CAS	ANTH	Department of Anthropology		UGRD	The study of small-scale hunter-gatherer and farming societies from archaeological and ethnographic perspectives. Methods and theories for investigating economic, ecological, and social relations in such societies are explored.
ANTH460.001	R	HISTORICAL ECOLOGY	CAS	ANTH	Department of Anthropology		UGRD	Historical ecology is a framework for integrating physical, biological, and social science data with insights from the humanities to understand the reciprocal relationship between human activity and the Earth system.
ANTH470.001	R	MEDICINE & ANTHRO	CAS	ANTH	Department of Anthropology	ANTH 470 001/FOLK 470 001	UGRD	This course examines cultural understandings of health, illness, and medical systems from an anthropological perspective with a special focus on Western medicine.
ANTH490.058	R	UNDERGRAD SEMINAR ANTHRO	CAS	ANTH	Department of Anthropology		UGRD	Restricted to junior and senior anthropology majors; generally the course is limited to 18 students. The subject matter will vary with the instructor. Each course will concern itself with a study in contemporary anthropology and new directions in research or applications.
ANTH499.011	R	TOPICS IN ANTH I	CAS	ANTH	Department of Anthropology		UGRD	Subject matter will vary with instructor but will focus on some particular topic or anthropological approach. Course description is available from the departmental office.
ANTH499.063	R	TOPICS IN ANTH I	CAS	ANTH	Department of Anthropology		UGRD	Subject matter will vary with instructor but will focus on some particular topic or anthropological approach. Course description is available from the departmental office.
ANTH502.001	R	GLOBAL AND TRANSNAT	CAS	ANTH	Department of Anthropology		UGRD	Anthropological examination of processes of globalization and transnationalism, with special attention to transnational migration, emergence of transnational ("global") institutions, commodity flows, and dissemination of ideologies, cultural frameworks, and media imagery.
ANTH567.001	R	URBAN ANTHROPOLOGY	CAS	ANTH	Department of Anthropology		UGRD	Comparative study of the political economy and cultural politics of populations in spaces and landscapes in cities in America and Third World undergoing globalization, economic restructuring, and transnational immigration.
ANTH578.001	R	CHIN DIASP ASIA PAC	CAS	ANTH	Department of Anthropology	ANTH/ASIA 578.001	UGRD	Examination of the histories, social organization, and cultures of the Chinese diasporas in the Asia Pacific region, focusing on contemporary issues in the cultural politics and identities of "overseas Chinese."
ANTH585.001	R	ANTH OF SCI	CAS	ANTH	Department of Anthropology		UGRD	Cultural perspectives on science and technology at a global scale, including research settings and social contexts, knowledge claims and material practice, and relations between scientific worldviews, social institutions, and popular imagination.
ANTH599.016	R	EXP COURSE ANTH V	CAS	ANTH	Department of Anthropology		UGRD	Examines selected topics from an anthropological perspective, generally to explore the potential for a course. Course description is available from the departmental office.
ANTH60H.001	R	FYS: CRISIS & RESILIENCE	CAS	ANTH	Department of Anthropology		UGRD	Adopting a long view of human societies, students examine responses to crises engendered by political, economic, and environmental factors. Perspectives on societal change - apocalyptic, transformational, and resilient - undergo scrutiny.
ANTH62.001	R	FYS INDIAN COUNTRY TODAY	CAS	ANTH	Department of Anthropology		UGRD	This course examines current topics in American Indian country today through the use of films and interactive case studies.
ANTH699.075	R	TOPICS IN ANTH II	CAS	ANTH	Department of Anthropology		UGRD	Subject matter will vary with instructor but will focus on some particular topic or anthropological approach. Course description is available from the departmental office.
ASIA267.001	R	South Asia	CAS	ASIA	Department of Asian Studies	GEOG 267 001/ASIA 267 001	UGRD	Introduces students to the geography of South Asia, including an overview of the physical environment, cultural practices, and economic development. Emphasizes the political geography of South Asia and political and social processes such as nationalism and colonialism that have played a formative role in the region.
ASIA447.001	R	GENDER IN THE MID-EAST	CAS	ASIA	Department of Asian Studies	GEOG 447 001/INTS 447/ASIA 447	UGRD	Examines gender, space, and place relationships in the modern Middle East. Investigates shifting gender geographies of colonialism, nationalism, modernization, and globalization in this region. (GHA)
ASIA461.001	R	POL ECON OF SE ASIA	CAS	ASIA	Department of Asian Studies		UGRD	The course examines critical linkages between economic policy and processes and political decisions--neoclassical, institutionalist, dependency/world-systems, and structuralist approaches. These theories are applied to contemporary Southeast Asia.
ASIA52.001	R	FYS FOOD/CHINESE CULTURE	CAS	ASIA	Department of Asian Studies		UGRD	Examines the cultural practice and meanings of food, cooking, eating, and drinking through Chinese literature and cinema. Main themes include food and rituals, gourmandism and poetic taste, cannibalism and the grotesque, and hunger and revolution.
ASIA56.001	R	FYS WOMEN/MODERN CHINA	CAS	ASIA	Department of Asian Studies		UGRD	Compares the rhetoric of equality between the sexes presented by late Qing, May Fourth, and communist thinkers to perspectives on gender and society by 20th-century Chinese women writers.
BIOL201.001	R	ECOLOGY AND EVOLUTION	CAS	BIOL	Department of Biology		UGRD	Prerequisites, BIOL 101 and CHEM 101 or 102. A grade of C or better in BIOL 101 and CHEM 101 or 102 required. Principles governing the ecology and evolution of populations, communities, and ecosystems, including speciation, population genetics, population regulation, and community and ecosystem structure and dynamics. Three lecture hours and one recitation-demonstration-conference hour a week.
BIOL201.006	R	ECOLOGY AND EVOLUTION	CAS	BIOL	Department of Biology		UGRD	Prerequisites, BIOL 101 and CHEM 101 or 102. A grade of C or better in BIOL 101 and CHEM 101 or 102 required. Principles governing the ecology and evolution of populations, communities, and ecosystems, including speciation, population genetics, population regulation, and community and ecosystem structure and dynamics. Three lecture hours and one recitation-demonstration-conference hour a week.
BIOL201.007	R	ECOLOGY AND EVOLUTION	CAS	BIOL	Department of Biology		UGRD	Prerequisites, BIOL 101 and CHEM 101 or 102. A grade of C or better in BIOL 101 and CHEM 101 or 102 required. Principles governing the ecology and evolution of populations, communities, and ecosystems, including speciation, population genetics, population regulation, and community and ecosystem structure and dynamics. Three lecture hours and one recitation-demonstration-conference hour a week.
BIOL201H.001	R	ECOLOGY AND EVOLUTION	CAS	BIOL	Department of Biology		UGRD	Prerequisites, BIOL 101 and CHEM 101 or 102. A grade of C or better in BIOL 101 and CHEM 101 or 102 required. Principles governing the ecology and evolution of populations, communities, and ecosystems, including speciation, population genetics, population regulation, and community and ecosystem structure and dynamics. Three lecture hours and one recitation-demonstration-conference hour a week.

BIOL262.001	R	GLOBAL ECOLOGY	CAS	BIOL	Department of Biology		UGRD	Prerequisite, BIOL 201. Ecological basis of global environmental problems and their solutions. Topics include human population growth; food and water shortages; biodiversity loss; deforestation; desertification; emerging diseases; and climate change. These are elements in an interconnected ecological system at a global scale.
BIOL272.001	R	LOCAL FLORA	CAS	BIOL	Department of Biology		UGRD	Prerequisites, BIOL 101 and 101L. Open to all undergraduates. North Carolina's flora: recognition, identification, classification, evolution, history, economics, plant families, ecology, and conservation. Three lecture and three laboratory hours per week.
BIOL272.002	R	LOCAL FLORA	CAS	BIOL	Department of Biology		UGRD	Prerequisites, BIOL 101 and 101L. Open to all undergraduates. North Carolina's flora: recognition, identification, classification, evolution, history, economics, plant families, ecology, and conservation. Three lecture and three laboratory hours per week.
BIOL350.001	R	OCEANOGRAPHY	CAS	BIOL	Department of Biology	MASC 401 001/ENVR 417 001	UGRD	Required preparation, major in a natural science or two courses in natural sciences. Studies origin of ocean basins, seawater chemistry and dynamics, biological communities, sedimentary record, and oceanographic history. Term paper. Students lacking science background should see MASC 101. No credit for MASC 401 after receiving credit for MASC 101.
BIOL350.002	R	OCEANOGRAPHY	CAS	BIOL	Department of Biology	MASC 401.002/GEOL/BIOL/ENVR	UGRD	Required preparation, major in a natural science or two courses in natural sciences. Studies origin of ocean basins, seawater chemistry and dynamics, biological communities, sedimentary record, and oceanographic history. Term paper. Students lacking science background should see MASC 101. No credit for MASC 401 after receiving credit for MASC 101.
BIOL427.001	R	HUMAN POPULATION GENETIC	CAS	BIOL	Department of Biology		UGRD	Pre- or corequisites, BIOL 201 and 202. Permission of the instructor for students lacking the prerequisites. This course investigates the facts, methods, and theories behind human population genetics, evolution, and diversity. Specifically, it addresses questions of human origins, population structure, and genetic diversity.
BIOL461.001	R	FUNDAMENTALS OF ECOLOGY	CAS	BIOL	Department of Biology	BIOL/ENST/ECOL 461.001	UGRD	Prerequisite, BIOL 201. Students will develop a comprehensive understanding of the field of ecology, including modern and emerging trends in ecology. They will develop literacy in the fundamental theories and models that capture ecological processes; emphasis will also be placed on the relevance of ecology and ecological research for human society.
BIOL462.001	R	MARINE ECOLOGY	CAS	BIOL	Department of Biology	BIOL 462/MASC 440	UGRD	Prerequisite, BIOL 201 or 475. Survey of the ecological processes that structure marine communities in a range of coastal habitats. Course emphasizes experimental approaches to addressing basic and applied problems in marine systems.
BIOL462.01S	R	MARINE ECOLOGY	CAS	BIOL	Department of Biology		UGRD	Prerequisite, BIOL 201 or 475. Survey of the ecological processes that structure marine communities in a range of coastal habitats. Course emphasizes experimental approaches to addressing basic and applied problems in marine systems.
BIOL464.001	R	GLOBAL CHANGE ECOLOGY	CAS	BIOL	Department of Biology		UGRD	Prerequisite, BIOL 201. Responses of plants, animals, and communities to climate and other global changes, emphasizing ecology, physiology, behavior, and evolution. Investigation of past responses and tools for predicting future responses.
BIOL469.001	R	BEHAVIORAL ECOLOGY	CAS	BIOL	Department of Biology		UGRD	Prerequisite, BIOL 201. BIOL 278 recommended but not required and can be taken concurrently. Behavior as an adaptation to the environment. Evolution of behavioral strategies for survival and reproduction. Optimality and games that animals play. Three lecture hours a week.
BIOL53.001	R	FYS TOPICS IN BIOTECH	CAS	BIOL	Department of Biology		UGRD	Restricted to first-year students. Introduction, in a first-year seminar, to recent advances in genetics and cell biology, and discussion and debate concerning how these advances are changing medicine, agriculture, and other aspects of our lives.
BIOL62.001	R	BIOL INFECTIOUS DISEASE	CAS	BIOL	Department of Biology		UGRD	Restricted to first-year students. In this course we will examine the challenges of treating infectious disease in the developing world, and explore the root causes of global health care inequity.
BIOL657.001	R	BIOL OCEANOGRAPHY	CAS	BIOL	Department of Biology	MASC504/ENVR520/BIOL657.001	UGRD	For graduate students; undergraduates need permission of the instructor. Marine ecosystem processes pertaining to the structure, function, and ecological interactions of biological communities; management of biological resources; taxonomy and natural history of pelagic and benthic marine organisms. Three lecture and one recitation hours per week. Two mandatory weekend fieldtrips.
BIOL669.001	R	ECOLOGY SEMINAR	CAS	BIOL	Department of Biology		UGRD	Prerequisite, BIOL 201. Permission of the instructor for students lacking the prerequisite. May be repeated for credit.
BIOL669.002	R	ECOLOGY SEMINAR	CAS	BIOL	Department of Biology		UGRD	Prerequisite, BIOL 201. Permission of the instructor for students lacking the prerequisite. May be repeated for credit.
BIOL669.012	R	ECOLOGY SEMINAR	CAS	BIOL	Department of Biology		UGRD	Prerequisite, BIOL 201. Permission of the instructor for students lacking the prerequisite. May be repeated for credit.
BIOL669.018	R	ECOLOGY SEMINAR	CAS	BIOL	Department of Biology		UGRD	Prerequisite, BIOL 201. Permission of the instructor for students lacking the prerequisite. May be repeated for credit.
BIOL669.057	R	ECOLOGY SEMINAR	CAS	BIOL	Department of Biology		UGRD	Prerequisite, BIOL 201. Permission of the instructor for students lacking the prerequisite. May be repeated for credit.
BIOL669.098	R	ECOLOGY SEMINAR	CAS	BIOL	Department of Biology		UGRD	Prerequisite, BIOL 201. Permission of the instructor for students lacking the prerequisite. May be repeated for credit.
BUSI543.001	R	ETHICS IN MGMT	KFBS	BUSI	Kenan-Flagler Business School		UGRD	By examining real ethical dilemmas in business, this course will help students analyze a problem from the triple perspective of ethics, economics, and law.
BUSI550.001	R	INTRO TO ORG THEORY & DESIGN	KFBS	BUSI	Kenan-Flagler Business School		UGRD	Prerequisite, BUSI 405. While BUSI 405 examines the micro-level influences on organizational success, this course focuses on more macro-level influences, including environmental analysis, strategy, structure, inter-organizational relationships, control systems, culture, power, politics, and change.
BUSI610.001	R	GLOBAL BUSINESS	KFBS	BUSI	Kenan-Flagler Business School		UGRD	Issues in operating overseas, including analyses of differences in country settings, legal and economic systems, and governmental policies affecting foreign operations. Studies trade theory, country groupings, and financial issues; managing operations in foreign lands; exporting.
BUSI610.002	R	GLOBAL BUSINESS	KFBS	BUSI	Kenan-Flagler Business School		UGRD	Issues in operating overseas, including analyses of differences in country settings, legal and economic systems, and governmental policies affecting foreign operations. Studies trade theory, country groupings, and financial issues; managing operations in foreign lands; exporting.
BUSI617.001	R	GLOBAL MKTING	KFBS	BUSI	Kenan-Flagler Business School		UGRD	Prerequisite, BUSI 406. Examination of the problems involved in marketing products and services across national boundaries. Problem issues include culture, ideology, economics, technical standards, and currency movements.
BUSI623.001	R	GLOBAL VENTURING	KFBS	BUSI	Kenan-Flagler Business School		UGRD	Examines developing business models that operate locally but compete globally. Restricted to GLOBE students.
BUSI699.001	R	MORAL FOUNDATIONS OF CAP	KFBS	BUSI	Kenan-Flagler Business School		UGRD	Considers moral background to the social system of capitalism, various critiques of capitalism, and some defenders across history. Ethical, political, and economic evaluations from various perspectives form the framework for the class.
CHEM70.001	R	FYS: ROCKET SCIENTIST	CAS	CHEM	Department of Chemistry		UGRD	The goal of this seminar is to develop tools for extracting information from or finding flaws in news reports and popular science writing.
CMPL390.001	R	SPEC TOP COMPLIT	CAS	CMPL	Department of English and Comparative Literature		UGRD	Group work on such issues as biomass fuels, the hydrogen economy, and other alternative energy sources will develop an understanding of their economic and environmental impact.
CMPL435.001	R	CONSCIOUS & SYMBOLS	CAS	CMPL	Department of English and Comparative Literature	ANTH/CMPL/FOLK 435.001	UGRD	Course topics vary from semester to semester.
CMPL435.006	R	CONSCIOUS & SYMBOLS	CAS	CMPL	Department of English and Comparative Literature	ANTH 435 006/FOLK/CMPL	UGRD	This course explores consciousness through symbols. Symbols from religion, art, politics, and self are studied in social, psychological, historical, and ecological context to ascertain meanings in experience and behavior.
COMM224.001	R	INTRO GENDER COMMUNICAT	CAS	COMM	Department of Communication Studies	COMM 224 001/WMST 224 001	UGRD	This course explores consciousness through symbols. Symbols from religion, art, politics, and self are studied in social, psychological, historical, and ecological context to ascertain meanings in experience and behavior.
COMM224.002	R	INTRO GENDER COMMUNICAT	CAS	COMM	Department of Communication Studies	COMM/WMST 224.002	UGRD	Examines multiple relationships among gender, communication and culture. Explores how communication creates gender and shapes relationships and how communication reflects, sustains, and alters cultural views of gender.
COMM224.01M	R	INTRO GENDER COMMUNICAT	CAS	COMM	Department of Communication Studies	COMM224/WMST224	UGRD	Examines multiple relationships among gender, communication and culture. Explores how communication creates gender and shapes relationships and how communication reflects, sustains, and alters cultural views of gender.
COMM224.990	R	INTRO GENDER COMMUNICAT	CAS	COMM	Department of Communication Studies	COMM 224 990 991 992	UGRD	Examines multiple relationships among gender, communication and culture. Explores how communication creates gender and shapes relationships and how communication reflects, sustains, and alters cultural views of gender.
COMM224.991	R	INTRO GENDER COMMUNICAT	CAS	COMM	Department of Communication Studies	COMM 224 990 991 992	UGRD	Examines multiple relationships among gender, communication and culture. Explores how communication creates gender and shapes relationships and how communication reflects, sustains, and alters cultural views of gender.
COMM224.992	R	INTRO GENDER COMMUNICAT	CAS	COMM	Department of Communication Studies	COMM 224 990 991 992	UGRD	Examines multiple relationships among gender, communication and culture. Explores how communication creates gender and shapes relationships and how communication reflects, sustains, and alters cultural views of gender.
COMM372.001	R	RHET SOC MOVEMENTS	CAS	COMM	Department of Communication Studies		UGRD	Explores the discourse of dissident voices in American society, particularly as they speak about grievances pertaining to race, gender, the environment; focuses on rhetorical strategies that initiate and sustain social movements.
COMM375.001	R	ENVIRO ADVOCACY	CAS	COMM	Department of Communication Studies	comm/enst 375.001	UGRD	Explores rhetorical means of citizen influence of practices affecting our natural and human environment; also, study of communication processes and dilemmas of redress of environmental grievances in communities and workplace.
COMMS1.001	R	FYS: ORG & COMM ENTREP	CAS	COMM	Department of Communication Studies		UGRD	This course examines the historical and current development of social entrepreneurship as a field of study and practice, with particular attention to successful organizational communication strategies designed to solve community problems.
COMMS523.001	R	COMM AND LEADERSHIP	CAS	COMM	Department of Communication Studies		UGRD	Prerequisite, COMM 120. Permission of the instructor for nonmajors. Critical examination of alternative theories of leadership and trends in the study of leadership; focuses on the communicative dimensions of leadership.
COMMS523.002	R	COMM AND LEADERSHIP	CAS	COMM	Department of Communication Studies		UGRD	Prerequisite, COMM 120. Permission of the instructor for nonmajors. Critical examination of alternative theories of leadership and trends in the study of leadership; focuses on the communicative dimensions of leadership.
COMMS523.01M	R	COMM AND LEADERSHIP	CAS	COMM	Department of Communication Studies		UGRD	Prerequisite, COMM 120. Permission of the instructor for nonmajors. Critical examination of alternative theories of leadership and trends in the study of leadership; focuses on the communicative dimensions of leadership.
COMMS523.990	R	COMM AND LEADERSHIP	CAS	COMM	Department of Communication Studies	COMM 523.990/991/992	UGRD	Prerequisite, COMM 120. Permission of the instructor for nonmajors. Critical examination of alternative theories of leadership and trends in the study of leadership; focuses on the communicative dimensions of leadership.

COMM53.001	R	LEADERSHIP MODELS	CAS	COMM	Department of Communication Studies	UGRD	This course will explore communication models for collective leadership involving youth and adults in vulnerable communities. Partnering with local youth-focused organizations, students will work in teams to research and design community-based change projects.
COMM625.001	R	COMM & NONPROFITS	CAS	COMM	Department of Communication Studies	UGRD	Introduces students to the opportunities, challenges, and rewards of participation within the nonprofit/NGO sector. The course also equips students with the skills needed to design and conduct engaged scholarship.
COMM629.001	R	TOP INTER/ORG COMM	CAS	COMM	Department of Communication Studies	UGRD	Prerequisite, COMM 120. Permission of the instructor for nonmajors. Designed for advanced students, course provides in-depth examination of particular theories of human communication. Course focus varies. May be repeated.
COMM629.002	R	TOP INTER/ORG COMM	CAS	COMM	Department of Communication Studies	UGRD	Prerequisite, COMM 120. Permission of the instructor for nonmajors. Designed for advanced students, course provides in-depth examination of particular theories of human communication. Course focus varies. May be repeated.
COMM629.003	R	TOP INTER/ORG COMM	CAS	COMM	Department of Communication Studies	UGRD	Prerequisite, COMM 120. Permission of the instructor for nonmajors. Designed for advanced students, course provides in-depth examination of particular theories of human communication. Course focus varies. May be repeated.
COMM629.01M	R	TOP INTER/ORG COMM	CAS	COMM	Department of Communication Studies	UGRD	Prerequisite, COMM 120. Permission of the instructor for nonmajors. Designed for advanced students, course provides in-depth examination of particular theories of human communication. Course focus varies. May be repeated.
COMM89.001	R	FYS: SPECIAL TOPICS	CAS	COMM	Department of Communication Studies	UGRD	Special topics course. Content will vary each semester.
DRAM288.001	R	THEATRE FOR SOCIAL CHANGE	CAS	DRAM	Department of Dramatic Art	UGRD	This course assesses different models of theatre for social change as historically employed by United States Latina/o and Latina American the
ECOL461.001	R	FUNDAMENTALS OF ECOLOGY	CAS	ECOL	Curriculum in Ecology	UGRD	Prerequisite, BIOL 201. Students will develop a comprehensive understanding of the field of ecology, including modern and emerging trends in ecology. They will develop literacy in the fundamental theories and models that capture ecological processes; emphasis will also be placed on the relevance of ecology and ecological research for human society.
ECOL562.001	R	STAT FOR ENV SCIENTISTS	CAS	ECOL	Curriculum in Ecology	UGRD	Prerequisite, STOR 155. Introduction to the application of quantitative and statistical methods in environmental science, including environmental monitoring, assessment, threshold exceedance, risk assessment, and environmental decision making.
ECOL563.001	R	STATS ECO AND EVOL	CAS	ECOL	Curriculum in Ecology	UGRD	Prerequisites, MATH 231 and STOR 151. Permission of the instructor for students lacking the prerequisites. Application of modern statistical analysis and data modeling in ecological and evolutionary research. Emphasis is on computer-intensive methods and model-based approaches. Familiarity with standard parametric statistics is assumed.
ECOL569.001	R	CURR ISSUES IN ECOL	CAS	ECOL	Curriculum in Ecology	UGRD	Required preparation, previous course work in ecology. Permission of the instructor. Topics vary but focus on interdisciplinary problems facing humans and/or the environment. May be repeated for credit.
ECOL669.001	R	ECOLOGY SEMINAR	CAS	ECOL	Curriculum in Ecology	UGRD	Prerequisite, BIOL 201. Permission of the instructor for students lacking the prerequisite. May be repeated for credit.
ECON325.001	R	ENTREPRENEURSHIP: P & P	CAS	ECON	Department of Economics	UGRD	Prerequisite, ECON 101. Permission of the instructor for students lacking the prerequisite. A historical overview of the role and importance of entrepreneurship in the economy and society, and a survey of the critical competencies all entrepreneurs (commercial, social, or artistic) must possess.
ECON380.001	R	ECON OF LABOR REL	CAS	ECON	Department of Economics	UGRD	Prerequisite, ECON 310 or 410. An economic analysis of workplace issues, including worker quits, layoffs and unemployment, discrimination and affirmative action, and the setting of pay, fringe benefits, and working conditions. Students may not receive credit for both ECON 380 and 480.
ECON450.001	R	HLTH ECON/POLICY	CAS	ECON	Department of Economics	UGRD	Prerequisite, ECON 410. Permission of the instructor for students lacking the prerequisite. Economic analysis applied to problems and public policy in health care.
ECON460.001	R	INTERNATIONAL ECON	CAS	ECON	Department of Economics	UGRD	Prerequisite, ECON 410. An introduction to international trade, the balance of payments, and related issues of foreign economic policy.
ECON460.002	R	INTERNATIONAL ECON	CAS	ECON	Department of Economics	UGRD	Prerequisite, ECON 410. An introduction to international trade, the balance of payments, and related issues of foreign economic policy.
ECON460.003	R	INTERNATIONAL ECON	CAS	ECON	Department of Economics	UGRD	Prerequisite, ECON 410. An introduction to international trade, the balance of payments, and related issues of foreign economic policy.
ECON465.001	R	ECON DEVELOPMENT	CAS	ECON	Department of Economics	UGRD	Prerequisite, ECON 410. Permission of the instructor for students lacking the prerequisite. An introduction to the economic characteristics and problems of the less developed countries and to the theories and policies applicable to the developing economy.
ECON465.002	R	ECON DEVELOPMENT	CAS	ECON	Department of Economics	UGRD	Prerequisite, ECON 410. Permission of the instructor for students lacking the prerequisite. An introduction to the economic characteristics and problems of the less developed countries and to the theories and policies applicable to the developing economy.
ECON465.003	R	ECON DEVELOPMENT	CAS	ECON	Department of Economics	UGRD	Prerequisite, ECON 410. Permission of the instructor for students lacking the prerequisite. An introduction to the economic characteristics and problems of the less developed countries and to the theories and policies applicable to the developing economy.
ECON468.001	R	SOV/POSTSOV EC SYS	CAS	ECON	Department of Economics	UGRD	Prerequisite, ECON 310 or 410. Study of the principles, design, organization, and performance of state-controlled economies relying on planning or regulated markets, with an emphasis on continuity and post-communist transition.
ECON468.01M	R	SOV/POSTSOV EC SYS	CAS	ECON	Department of Economics	UGRD	Prerequisite, ECON 310 or 410. Study of the principles, design, organization, and performance of state-controlled economies relying on planning or regulated markets, with an emphasis on continuity and post-communist transition.
ECON56.001	R	ASIA AND THE WEST	CAS	ECON	Department of Economics	UGRD	This course fits the Carolina Entrepreneurial Initiative (CEI), with a communication intensive, global issues framework.
ECON586.001	R	FAMILY ECONOMICS	CAS	ECON	Department of Economics	UGRD	Prerequisite, ECON 410. Permission of the instructor for students lacking the prerequisite. Analyzes the family with respect to the marriage market; divorce; reproductive behavior; the baby black market; intra-family allocation of goods, time, and power; labor supply; migration; and family policy.
EDUC441.001	R	EDUC IN AM SOCIETY	SOE	EDUC	School of Education	UGRD	A reflective examination of beliefs and attitudes associated with 1) the historical, philosophical, sociological, political, and economic forces affecting education and schooling in the United States; 2) the structure and function of the school system; and 3) current issues and trends in American schooling and education.
EDUC441.002	R	EDUC IN AM SOCIETY	SOE	EDUC	School of Education	UGRD	A reflective examination of beliefs and attitudes associated with 1) the historical, philosophical, sociological, political, and economic forces affecting education and schooling in the United States; 2) the structure and function of the school system; and 3) current issues and trends in American schooling and education.
EDUC521.001	R	SCHLS, CUL, & COMM I	SOE	EDUC	School of Education	UGRD	Permission of the instructor. Explores current issues dealing with schools and the cultures and communities they encompass.
EDUC533.001	R	SOCIAL JUSTICE IN EDUC	SOE	EDUC	School of Education	UGRD	Course examines how education can help create more fair and just societies, ultimately contributing to high performing educational systems internationally. Students explore multiple perspectives on social justice; examine efforts at local, state, national, and global levels; and learn to articulate efforts in classrooms and schools with wider community initiatives.
EDUC533.961	R	SOCIAL JUSTICE IN EDUC	SOE	EDUC	School of Education	UGRD	Course examines how education can help create more fair and just societies, ultimately contributing to high performing educational systems internationally. Students explore multiple perspectives on social justice; examine efforts at local, state, national, and global levels; and learn to articulate efforts in classrooms and schools with wider community initiatives.
EDUC636.001	R	SCHOOL INQUIRY & REFORM	SOE	EDUC	School of Education	UGRD	Course focuses on the use of various types of data that can be used to impact decisions regarding school improvement and increased student achievement. It also introduces a number of proven strategies and tactics for improving schools.
EDUC636.956	R	SCHOOL INQUIRY & REFORM	SOE	EDUC	School of Education	UGRD	Course focuses on the use of various types of data that can be used to impact decisions regarding school improvement and increased student achievement. It also introduces a number of proven strategies and tactics for improving schools.
EDUC636.957	R	SCHOOL INQUIRY & REFORM	SOE	EDUC	School of Education	UGRD	Course focuses on the use of various types of data that can be used to impact decisions regarding school improvement and increased student achievement. It also introduces a number of proven strategies and tactics for improving schools.
EDUC636.961	R	SCHOOL INQUIRY & REFORM	SOE	EDUC	School of Education	UGRD	Course focuses on the use of various types of data that can be used to impact decisions regarding school improvement and increased student achievement. It also introduces a number of proven strategies and tactics for improving schools.
ENGL124.001	R	CONTEMP LIT	CAS	ENGL	Department of English and Comparative Literature	UGRD	The literature of the present generation.
ENGL124.002	R	CONTEMP LIT	CAS	ENGL	Department of English and Comparative Literature	UGRD	The literature of the present generation.
ENGL124.003	R	CONTEMP LIT	CAS	ENGL	Department of English and Comparative Literature	UGRD	The literature of the present generation.
ENGL124.004	R	CONTEMP LIT	CAS	ENGL	Department of English and Comparative Literature	UGRD	The literature of the present generation.
ENGL124.005	R	CONTEMP LIT	CAS	ENGL	Department of English and Comparative Literature	UGRD	The literature of the present generation.
ENGL124.006	R	CONTEMP LIT	CAS	ENGL	Department of English and Comparative Literature	UGRD	The literature of the present generation.
ENGL124.951	R	CONTEMP LIT	CAS	ENGL	Department of English and Comparative Literature	UGRD	The literature of the present generation.
ENGL125.001	R	INTRO TO POETRY	CAS	ENGL	Department of English and Comparative Literature	UGRD	A course designed to develop basic skills in reading poems from all periods of English and American literature.
ENGL125.002	R	INTRO TO POETRY	CAS	ENGL	Department of English and Comparative Literature	UGRD	A course designed to develop basic skills in reading poems from all periods of English and American literature.
ENGL125.003	R	INTRO TO POETRY	CAS	ENGL	Department of English and Comparative Literature	UGRD	A course designed to develop basic skills in reading poems from all periods of English and American literature.
ENGL125.004	R	INTRO TO POETRY	CAS	ENGL	Department of English and Comparative Literature	UGRD	A course designed to develop basic skills in reading poems from all periods of English and American literature.
ENGL125.991	R	INTRO TO POETRY	CAS	ENGL	Department of English and Comparative Literature	UGRD	A course designed to develop basic skills in reading poems from all periods of English and American literature.
ENGL140.001	R	INTRO TO GAY/LESBIAN LIT	CAS	ENGL	Department of English and Comparative Literature	UGRD	Introduces students to concepts in queer theory and recent sexuality studies. Topics include queer lit, AIDS, race and sexuality, representations of gays and lesbians in the media, political activism/literature.
ENGL140.002	R	INTRO TO GAY/LESBIAN LIT	CAS	ENGL	Department of English and Comparative Literature	UGRD	Introduces students to concepts in queer theory and recent sexuality studies. Topics include queer lit, AIDS, race and sexuality, representations of gays and lesbians in the media, political activism/literature.
ENGL140.01W	R	INTRO TO GAY/LESBIAN LIT	CAS	ENGL	Department of English and Comparative Literature	UGRD	Introduces students to concepts in queer theory and recent sexuality studies. Topics include queer lit, AIDS, race and sexuality, representations of gays and lesbians in the media, political activism/literature.

ENGL371.001	R	ASIAN AMERICANS IN SOUTH	CAS	ENGL	Department of English and Comparative Literature		UGRD	This course will consider the themes of globalization and regionalism through an examination of narratives featuring Asians/Asian Americans in the American South.
ENGL486H.001	R	ENVIRONMENTAL LIT	CAS	ENGL	Department of English and Comparative Literature		UGRD	Multidisciplinary, thematic investigations into topics in literature and environment that cut across boundaries of history, genre, and culture. Junior/senior level.
ENGL88.001	R	JAP-AMER INTERN NARR	CAS	ENGL	Department of English and Comparative Literature		UGRD	This course will explore stories about the Japanese American internment from first person memoirs to contemporary fiction. We will also examine the ramifications, historic and legal, of the internment post-9/11.
ENST108.001	R	ENERGY & CLIMATE CRISES	CAS	ENST	Curriculum for the Environment and Ecology	ENST/MASC/GEOL/PHYS/PWAD	UGRD	Students quantify global depletion of energy resources and accompanying environmental degradation, hence discovering the profound changes in attitudes and behavior required to adjust to diminished fossil fuels and modified climate.
ENST201H.143	R	ENVIRONMENT AND SOCIETY	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Human-environment interactions are examined through analytical methods from the social sciences, humanities, and sciences. The focus is on the role of social, political, and economic factors in controlling interactions between society and the environment in historical and cultural contexts. Three lecture hours and one recitation hour a week.
ENST202.001	R	ENVIRONMENTAL SCIENCE	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Examines fundamental processes governing the movement and transformation of material and energy in environmental systems. Focuses on the role of these processes in environmental phenomena and how society perturbs these processes. Integrates methods from a range of scientific disciplines. Three lecture hours and three computer laboratory hours a week.
ENST203.001	R	ENVIRON PROBLEM SOLVING	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Prerequisite, MATH 231; corequisite, MATH 232. A quantitative introduction to selected topics in environmental sciences with an emphasis on developing and solidifying problem-solving skills.
ENST204.001	R	ENVIRONMENTAL SEMINAR	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	This course will provide an intellectual focus on the interface between environment and society by examining the relationship among science, policy, and actual management practices on a chosen topic.
ENST204.01S	R	ENVIRONMENTAL SEMINAR	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	This course will provide an intellectual focus on the interface between environment and society by examining the relationship among science, policy, and actual management practices on a chosen topic.
ENST204.02S	R	ENVIRONMENTAL SEMINAR	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	This course will provide an intellectual focus on the interface between environment and society by examining the relationship among science, policy, and actual management practices on a chosen topic.
ENST204.03S	R	ENVIRONMENTAL SEMINAR	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	This course will provide an intellectual focus on the interface between environment and society by examining the relationship among science, policy, and actual management practices on a chosen topic.
ENST209.001	R	ENVIRONMENTAL INTERNSHIP	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor and the internship coordinator in the Insitutute for the Environment. To receive credit, a student must submit at the end of the internship a brief summary of the work conducted, to be judged by the faculty sponsor.
ENST213.001	R	EARTH'S DYNAMIC SYSTEMS	CAS	ENST	Curriculum for the Environment and Ecology	ENST 213/GEOL 213	UGRD	Required preparation, one introductory geology course numbered below GEOL 202, except first-year seminar. Earth system science approach to the study of planet earth. Influence of earth processes on the environment. Earthquakes, volcanoes, plate tectonics, global climate change.
ENST222.001	R	ESTUARINE PROCESSES	CAS	ENST	Curriculum for the Environment and Ecology	ENST 222/MASC 470	UGRD	Prerequisites, MATH 231 and either CHEM 101 or PHYS 104. Introduction to the estuarine and coastal environment: geomorphology, physical circulation, nutrient loading, primary and secondary production, carbon and nitrogen cycling, benthic processes, and sedimentation. Consideration given to human impact on coastal systems with emphasis on North Carolina estuaries and sounds. Includes a mandatory weekend field trip and laboratory.
ENST259.001	R	CORAL REEF ECOLOGY	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	The course familiarizes students with the natural history, ecology, and physical and chemical characteristics of the coral reef environment. Policy and management issues are also examined.
ENST261.01S	R	BIODIVERSITY CONSERVATIO	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Prerequisite, ENST 201. Permission of the instructor for students lacking the prerequisite. This course will give students a multidisciplinary introduction to growing field of biodiversity preservation.
ENST307.001	R	ENERGY AND MATERIAL	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Prerequisites, MATH 231, ENST 201 and 202. Permission of the instructor for students lacking the prerequisites. Examines the regional to global flow of materials and energy through materials extraction, processing, manufacturing, product use, recycling, and ultimate disposition, including its relevance in policy development. Reviews natural cycles in the environment, basic physics, and the technology of energy production.
ENST307.01S	R	ENERGY AND MATERIAL	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Prerequisites, MATH 231, ENST 201 and 202. Permission of the instructor for students lacking the prerequisites. Examines the regional to global flow of materials and energy through materials extraction, processing, manufacturing, product use, recycling, and ultimate disposition, including its relevance in policy development. Reviews natural cycles in the environment, basic physics, and the technology of energy production.
ENST350.001	R	ENV LAW & POLICY	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	The utilization of common coastal resources, the management of fisheries, and coastal zone management guide an examination of coastal laws, policies, and regulations at the federal, state, and local levels.
ENST351.01S	R	COASTAL LAW AND POLICY	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Prerequisite, MASC 101 or 401. Survey of the ecological processes that influence populations of economically important fish and shellfish, the various fisheries management tools/techniques used to achieve sustainable fish stocks, and the impacts of fishing practices on marine ecosystems.
ENST352.001	R	ECOL&MGMT MAR FISHERIES	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	The meaning of environmental values and their relation to other values; the ethical status of animals, species, wilderness, and ecosystems; the built environment; environmental justice; ecofeminism; obligations to future generations.
ENST368.001	R	ENVIRONMENTAL ETHICS	CAS	ENST	Curriculum for the Environment and Ecology	PHIL/ENST 368	UGRD	Permission of the department. Participants will explore coastal and offshore energy generating technologies and the environmental problems that they may pose through lecture, discussion, field trips, observation, and research. Participants will explore the concepts of experimental design and cost benefit analysis and will contribute to a course website and blog.
ENST369.001	R	ENERGY AND ENVIRON: COASTAL	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the department. Participants will explore coastal and offshore energy generating technologies and the environmental problems that they may pose through lecture, discussion, field trips, observation, and research. Participants will explore the concepts of experimental design and cost benefit analysis and will contribute to a course website and blog.
ENST369.01M	R	ENERGY AND ENVIRON: COASTAL	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Introduction to the ecology of agricultural practices and the impact of food production on the environment. Particular attention will be paid to the constraints on agriculture which must be overcome to feed the planet's growing population.
ENST370H.001	R	AGRICULTURE & ENVR	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Explores rhetorical means of citizen influence of practices affecting our natural and human environment; also, study of communication processes and dilemmas of redress of environmental grievances in communities and workplace.
ENST375.001	R	ENVIRO ADVOCACY	CAS	ENST	Curriculum for the Environment and Ecology	comm/enst 375.001	UGRD	Permission of the instructor. A specialized selection of readings from the literature of a particular environmental field supervised by a member of the Carolina Environmental Faculty group. Written reports on the readings or a literature review paper will be required. Cannot be used as a course toward the major.
ENST396.001	R	DIRECTED READINGS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor. A specialized selection of readings from the literature of a particular environmental field supervised by a member of the Carolina Environmental Faculty group. Written reports on the readings or a literature review paper will be required. Cannot be used as a course toward the major.
ENST396.002	R	DIRECTED READINGS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor. A specialized selection of readings from the literature of a particular environmental field supervised by a member of the Carolina Environmental Faculty group. Written reports on the readings or a literature review paper will be required. Cannot be used as a course toward the major.
ENST396.003	R	DIRECTED READINGS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor. A specialized selection of readings from the literature of a particular environmental field supervised by a member of the Carolina Environmental Faculty group. Written reports on the readings or a literature review paper will be required. Cannot be used as a course toward the major.
ENST403.01S	R	ENVR CHEM PROCESSES	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Required preparation, a background in chemistry and mathematics, including ordinary differential equations. Chemical processes occurring in natural and engineered systems: chemical cycles; transport and transformation processes of chemicals in air, water, and multimedia environments; chemical dynamics; thermodynamics; structure/activity relationships.
ENST404.01S	R	MOUNTAIN BIODIVERSITY	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Introduction to the new field of biodiversity studies, which integrates approaches from systematics, ecology, evolution, and conservation.
ENST415.001	R	ENVIRONMENTAL MODELING	CAS	ENST	Curriculum for the Environment and Ecology	ENST 415/ENVR 461	UGRD	Prerequisites, MATH 383, PHYS 105 or 117 (may be taken concurrently), or permission of the instructor. Methods for developing explanatory and predictive models of environmental processes are explored. Includes discussion of the relevant scientific modes of analysis, mathematical methods, computational issues, and visualization techniques. Two lecture hours and one computer laboratory hour a week.
ENST450.001	R	BIOGEOCHEMICAL PROCESSES	CAS	ENST	Curriculum for the Environment and Ecology	ENST/MASC/GEOL 450/ENVR 415.0	UGRD	Prerequisites, CHEM 251 or 261, MATH 231, PHYS 105 or 117. Permission of the instructor for students lacking the prerequisites. Principles of chemistry, biology, and geology are applied to analysis of the fate and transport of materials in environmental systems, with an emphasis on those materials that form the most significant cycles. Three lecture hours and one laboratory hour a week.
ENST460.001	R	HISTORICAL ECOLOGY	CAS	ENST	Curriculum for the Environment and Ecology	ANTH/ENST 460.001	UGRD	Historical ecology is a framework for integrating physical, biological, and social science data with insights from the humanities to understand the reciprocal relationship between human activity and the Earth system.
ENST461.001	R	FUNDAMENTALS OF ECOLOGY	CAS	ENST	Curriculum for the Environment and Ecology	BIOL/ENST/ECOL 461.001	UGRD	Prerequisite, BIOL 201. Students will develop a comprehensive understanding of the field of ecology, including modern and emerging trends in ecology. They will develop literacy in the fundamental theories and models that capture ecological processes; emphasis will also be placed on the relevance of ecology and ecological research for human society.
ENST468.001	R	TEMPORAL GIS	CAS	ENST	Curriculum for the Environment and Ecology	ENVR / ENST 468	UGRD	Required preparation, a multivariate calculus course like MATH 233. Overview of geographical information systems (GIS) using the Arc GIS software, and introduction to advanced geostatistical functions for temporal GIS describing environmental and health phenomena distributed across space and time. Application to the spatiotemporal mapping of environmental water quality.

ENST470.01S	R	ENVR RISK ASSESSMENT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Required preparation, one course in probability and statistics. Use of mathematical models and computer simulation tools to estimate the human health impacts of exposure to environmental pollutants. Three lecture hours per week.
ENST471.01S	R	HUMAN ESTUARINE IMPACTS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Prerequisites, CHEM 102 and MATH 231. A cohesive examination of the human impacts on biological processes in estuarine ecosystems. Laboratory/recitation/field work is included and contributes two credit hours to the course.
ENST479.01S	R	LANDSCAPE ANALYSIS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	This course utilizes GIS, GPS, and remote sensing technologies to gather data on geology, watersheds, soils, integrated moisture indices. The class also develops habitat maps and derives species diversity indices.
ENST489.01S	R	ECOLOGICAL PROCESSES	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Prerequisites, BIOL 101 or 201, CHEM 102, MATH 231, PHYS 105 or 117. Permission of the instructor for students lacking the prerequisites. Principles of analysis of the structure and function of ecosystems are applied to environmental phenomena. The link between the biosphere and other environmental compartments is explored through case studies of environmental issues. Three lecture hours and one laboratory hour a week.
ENST490.006	R	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490.02S	R	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490.06S	R	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490.07S	R	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490.08S	R	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490H.01S	R	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490H.02S	R	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST562.001	R	STAT FOR ENV SCIENTISTS	CAS	ENST	Curriculum for the Environment and Ecology	ECOL/ENST 562.001	UGRD	Prerequisite, STOR 155. Introduction to the application of quantitative and statistical methods in environmental science, including environmental monitoring, assessment, threshold exceedance, risk assessment, and environmental decision making.
ENST567.001	R	ECOL ANAL & APPL	CAS	ENST	Curriculum for the Environment and Ecology	ECOL 567/ENST 567 001	UGRD	This course provides an overview of natural and social science approaches to addressing biodiversity conservation and resource management. Concepts and methods from population biology, evolutionary ecology, community ecology, and conservation biology will be complemented with approaches from common property theory, indigenous resource management, and human evolutionary ecology.
ENST569.001	R	CURR ISSUES IN ECOL	CAS	ENST	Curriculum for the Environment and Ecology	ENST 569/ECOL569	UGRD	Required preparation, previous course work in ecology. Permission of the instructor. Topics vary but focus on interdisciplinary problems facing humans and/or the environment. May be repeated for credit.
ENST585.001	R	AMER ENVR PLCY	CAS	ENST	Curriculum for the Environment and Ecology	ENVR PLCY ENST PLAN 585-001	UGRD	Intensive introduction to environmental management and policy, including environmental and health risks, policy institutions, processes, and instruments, policy analysis, and major elements of American environmental policy. Lectures and case studies. Three lecture hours per week.
ENST685.001	R	ENVR & RESOURCE ECON	CAS	ENST	Curriculum for the Environment and Ecology	PLAN 785/ENVR 785/ ENST 685	UGRD	Prerequisite, ECON 310. Theory and methods of environmental economics. Topics covered include cost-benefit analysis and environmental policy analysis, economic concept of sustainability, optimal use of natural resources, nonmarket valuation, and economic instruments. Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENST694H.001	R	ENST HONORS PROJECT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENST694H.002	R	ENST HONORS PROJECT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENST694H.003	R	ENST HONORS PROJECT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENST694H.004	R	ENST HONORS PROJECT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENST694H.005	R	ENST HONORS PROJECT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENST694H.006	R	ENST HONORS PROJECT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENST694H.007	R	ENST HONORS PROJECT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENST694H.008	R	ENST HONORS PROJECT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENST694H.009	R	ENST HONORS PROJECT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENST694H.010	R	ENST HONORS PROJECT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENST694H.011	R	ENST HONORS PROJECT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENST694H.012	R	ENST HONORS PROJECT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENST694H.013	R	ENST HONORS PROJECT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENST694H.016	R	ENST HONORS PROJECT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENST694H.01S	R	ENST HONORS PROJECT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.
ENVR296.001	R	READ ENV SCI/ENG	SPH	ENVR	Gillings School of Global Public Health		UGRD	
ENVR296.01S	R	READ ENV SCI/ENG	SPH	ENVR	Gillings School of Global Public Health		UGRD	
ENVR400.001	R	SEMINAR SERIES	SPH	ENVR	Gillings School of Global Public Health		UGRD	Presents the results of ongoing research projects in the Department of Environmental Sciences and Engineering. Topics and presenters are selected from among the departmental graduate students and faculty.
ENVR401.001	R	UNIFYING CONCEPTS	SPH	ENVR	Gillings School of Global Public Health		UGRD	Unifying concepts of environmental systems, including conservation principles, modeling, economics, and policy with applications from throughout natural, engineered, human systems. Interfaces among scientific, engineering, and policy aspects of the field.
ENVR403.001	R	ENVR CHEM PROCESSES	SPH	ENVR	Gillings School of Global Public Health		UGRD	Required preparation, a background in chemistry and mathematics, including ordinary differential equations. Chemical processes occurring in natural and engineered systems: chemical cycles; transport and transformation processes of chemicals in air, water, and multimedia environments; chemical dynamics; thermodynamics; structure/activity relationships.
ENVR403.002	R	ENVR CHEM PROCESSES	SPH	ENVR	Gillings School of Global Public Health		UGRD	Required preparation, a background in chemistry and mathematics, including ordinary differential equations. Chemical processes occurring in natural and engineered systems: chemical cycles; transport and transformation processes of chemicals in air, water, and multimedia environments; chemical dynamics; thermodynamics; structure/activity relationships.
ENVR411.001	R	LAB TECH & FLD MEAS	SPH	ENVR	Gillings School of Global Public Health		UGRD	Students learn laboratory, field, and analytical skills. Provides a solid introduction to experimental research in environmental sciences and engineering. Students are provided with applications in limnology, aquatic chemistry, and industrial hygiene.
ENVR412.001	R	ECOL MICROBIOLOGY	SPH	ENVR	Gillings School of Global Public Health		UGRD	Required preparation, one course in general microbiology. A description of microbial populations and communities, the environmental processes they influence, and how they can be controlled to the benefit of humankind.
ENVR413.001	R	LIMNOLOGY	SPH	ENVR	Gillings School of Global Public Health		UGRD	Required preparation, introductory biology, chemistry, and physics. Basic aspects of freshwater ecosystem function. Emphasis on trophic level interactions and integration of physical, chemical, and biological principles for a holistic view of lake ecosystem dynamics.
ENVR415.001	R	BIOGEOCHEMICAL PROCESSES	SPH	ENVR	Gillings School of Global Public Health	ENST/MASC/GEOL 450/ENVR 415.0	UGRD	Prerequisites, CHEM 251 or 261, MATH 231, PHYS 105 or 117. Permission of the instructor for students lacking the prerequisites. Principles of chemistry, biology, and geology are applied to analysis of the fate and transport of materials in environmental systems, with an emphasis on those materials that form the most significant cycles. Three lecture hours and one laboratory hour a week.
ENVR416.001	R	AEROSOL PHYSICS AND CHEMISTRY	SPH	ENVR	Gillings School of Global Public Health		UGRD	Permission of the instructor for nonmajors. Physical and chemical principles underlying behavior of particles suspended in air. Topics include rectilinear and curvilinear motion of the particles in a force field, diffusion, evaporation, and condensation, electrical and optical properties, and particle coagulation. Three lecture hours a week and two laboratory sessions.
ENVR417.001	R	OCEANOGRAPHY	SPH	ENVR	Gillings School of Global Public Health	MASC 401 001/ENVR 417 001	UGRD	Required preparation, major in a natural science or two courses in natural sciences. Studies origin of ocean basins, seawater chemistry and dynamics, biological communities, sedimentary record, and oceanographic history. Term paper. Students lacking science background should see MASC 101. No credit for MASC 401 after receiving credit for MASC 101.
ENVR417.002	R	OCEANOGRAPHY	SPH	ENVR	Gillings School of Global Public Health	MASC 401.002/GEOL/BIOL/ENVR	UGRD	Required preparation, major in a natural science or two courses in natural sciences. Studies origin of ocean basins, seawater chemistry and dynamics, biological communities, sedimentary record, and oceanographic history. Term paper. Students lacking science background should see MASC 101. No credit for MASC 401 after receiving credit for MASC 101.

ENVR419.001	R	CHM EQUILIB NAT WAT	SPH	ENVR	Gillings School of Global Public Health		UGRD	Principles and applications of chemical equilibria to natural waters. Acid-base, solubility, complex formation, and redox reactions are discussed. This course uses a problem-solving approach to illustrate chemical speciation and environmental implications. Three lecture hours per week.
ENVR421.001	R	ENVR HLTH MICRO	SPH	ENVR	Gillings School of Global Public Health		UGRD	Required preparation, introductory course in microbiology or permission of the instructor. Presentation of the microbes of public health importance in water, food, and air, including their detection, occurrence, transport, and survival in the environment; epidemiology and risks from environmental exposure. Two lecture and two laboratory hours per week.
ENVR423.01W	R	INDUSTRIAL TOXICOL	SPH	ENVR	Gillings School of Global Public Health		UGRD	Toxicological assessment of and a case presentation of related exposure is given. A conceptual approach is utilized to design appropriate programs to prevent worker ill health due to toxicant exposure
ENVR423.970	R	INDUSTRIAL TOXICOL	SPH	ENVR	Gillings School of Global Public Health		UGRD	Toxicological assessment of and a case presentation of related exposure is given. A conceptual approach is utilized to design appropriate programs to prevent worker ill health due to toxicant exposure
ENVR430.001	R	HLTH ECTS OF ENVR AGNTS	SPH	ENVR	Gillings School of Global Public Health		UGRD	Required preparation, basic biology, chemistry through organic, calculus. Permission of the instructor for students lacking this preparation. Interactions of environmental agents (chemicals, infectious organisms, radiation) with biological systems including humans, with attention to routes of entry, distribution, metabolism, elimination, and mechanisms of adverse effects. Three lecture hours per week.
ENVR431.001	R	TECH IN ENVR HLTH SCI	SPH	ENVR	Gillings School of Global Public Health		UGRD	Required preparation, basic biology, chemistry through organic, math through calculus; permission of the instructor for students lacking this preparation. A practical introduction to the measurement of biological end-points, emphasizing adverse effects of environmental agents, using laboratory and field techniques. Two laboratory hours per week.
ENVR432.01W	R	OCC SAFETY & ERGO	SPH	ENVR	Gillings School of Global Public Health	ENVR 432/PHNU 786	UGRD	Fundamentals of occupational safety and ergonomics with emphasis on legislation and organization of industrial safety and ergonomic programs, including hazard recognition, analysis, control, and motivational factors pertaining to industrial accident and cumulative trauma disorder prevention.
ENVR432.970	R	OCC SAFETY & ERGO	SPH	ENVR	Gillings School of Global Public Health	ENVR 432/PHNU 786	UGRD	Fundamentals of occupational safety and ergonomics with emphasis on legislation and organization of industrial safety and ergonomic programs, including hazard recognition, analysis, control, and motivational factors pertaining to industrial accident and cumulative trauma disorder prevention.
ENVR433.001	R	HLTH HZRDS OF INDUST OPR	SPH	ENVR	Gillings School of Global Public Health		UGRD	Prerequisite, ENVR 422. An introduction to the health hazards associated with the various unit operations of industry. Field trips to local industries planned.
ENVR442.001	R	BIOCHEM TOXICOL	SPH	ENVR	Gillings School of Global Public Health	ENVR 442/TOXC 442/BIOC 442	UGRD	Prerequisite, CHEM 430. Required preparation, one course in biochemistry. Permission of the instructor for students lacking the prerequisites. Biochemical actions of toxicants and assessment of cellular damage by biochemical measurements. Three lecture hours per week.
ENVR451.001	R	CHEMICAL REACTION ENGINEERING	SPH	ENVR	Gillings School of Global Public Health		UGRD	Required preparation, elementary differential equations course such as MATH 524. Focuses on chemical reaction rates and reaction mechanisms. Covers mole balances, rate laws, chemical kinetics, and reactor design. Principles are applied to any environmental system where chemical transformations must be described. Three lecture hours per week.
ENVR461.001	R	ENVIRONMENTAL MODELING	SPH	ENVR	Gillings School of Global Public Health	ENST 415/ENVR 461	UGRD	Prerequisites, MATH 383, PHYS 105 or 117 (may be taken concurrently), or permission of the instructor. Methods for developing explanatory and predictive models of environmental processes are explored. Includes discussion of the relevant scientific modes of analysis, mathematical methods, computational issues, and visualization techniques. Two lecture hours and one computer laboratory hour a week.
ENVR468.001	R	TEMPORAL GIS	SPH	ENVR	Gillings School of Global Public Health	ENVR / ENST 468	UGRD	Required preparation, a multivariate calculus course like MATH 233. Overview of geographical information systems (GIS) using the Arc GIS software, and introduction to advanced geostatistical functions for temporal GIS describing environmental and health phenomena distributed across space and time. Application to the spatiotemporal mapping of environmental water quality.
ENVR470.001	R	ENVR RISK ASSESSMENT	SPH	ENVR	Gillings School of Global Public Health		UGRD	Required preparation, one course in probability and statistics. Use of mathematical models and computer simulation tools to estimate the human health impacts of exposure to environmental pollutants. Three lecture hours per week.
ENVR471.001	R	GLBL WATER SAN & HYGIENE	SPH	ENVR	Gillings School of Global Public Health		UGRD	Required preparation, coursework in chemistry, biology, epidemiology, and statistics including infectious and toxic hazards, disease causation, and environmental transmission. Graduate and advanced undergraduates. Interventions and health impacts of water, sanitation, and hygiene (WaSH), including those on different populations and applications in different settings. Three lecture and recitation hours per week.
ENVR505.001	R	CHEM OCEANOLOG	SPH	ENVR	Gillings School of Global Public Health	MASC/ENVR 505.001	UGRD	Graduate students only; undergraduates must have permission of the instructor. Overview of chemical processes in the ocean. Topics include physical chemistry of seawater, major element cycles, hydrothermal vents, geochemical tracers, air-sea gas exchange, particle transport, sedimentary processes, and marine organic geochemistry. Three lecture and two recitation hours per week.
ENVR520.001	R	BIOL OCEANOGRAPHY	SPH	ENVR	Gillings School of Global Public Health	MASC504/ENVR520/BIOL657.001	UGRD	For graduate students; undergraduates need permission of the instructor. Marine ecosystem processes pertaining to the structure, function, and ecological interactions of biological communities; management of biological resources; taxonomy and natural history of pelagic and benthic marine organisms. Three lecture and one recitation hours per week. Two mandatory weekend fieldtrips.
ENVR570.001	R	ENV DECISION-MAKING	SPH	ENVR	Gillings School of Global Public Health		UGRD	Required preparation, one course in probability and statistics. Use of quantitative tools for balancing conflicting priorities (such as costs versus human health protection) and evaluating uncertainties when making environmental decisions.
ENVR585.001	R	AMER ENVR PLCY	SPH	ENVR	Gillings School of Global Public Health	ENVR PLCY ENST PLAN 585-001	UGRD	Intensive introduction to environmental management and policy, including environmental and health risks, policy institutions, processes, and instruments, policy analysis, and major elements of American environmental policy. Lectures and case studies. Three lecture hours per week.
ENVR600.001	R	ENVR HLTH	SPH	ENVR	Gillings School of Global Public Health		UGRD	This course examines the relationship between environmental quality, human health and welfare, with particular attention to contamination in human environment; physical, biological, and social factors; trade-offs regarding prevention and remediation measures. Satisfies core School of Public Health requirement. Three lecture hours per week.
ENVR600.01W	R	ENVR HLTH	SPH	ENVR	Gillings School of Global Public Health	ENVR 600 01W 02W 960 961 966 9	UGRD	This course examines the relationship between environmental quality, human health and welfare, with particular attention to contamination in human environment; physical, biological, and social factors; trade-offs regarding prevention and remediation measures. Satisfies core School of Public Health requirement. Three lecture hours per week.
ENVR600.02W	R	ENVR HLTH	SPH	ENVR	Gillings School of Global Public Health	ENVR 600 01W 02W 960 961 966 9	UGRD	This course examines the relationship between environmental quality, human health and welfare, with particular attention to contamination in human environment; physical, biological, and social factors; trade-offs regarding prevention and remediation measures. Satisfies core School of Public Health requirement. Three lecture hours per week.
ENVR600.960	R	ENVR HLTH	SPH	ENVR	Gillings School of Global Public Health	ENVR 600 01W 02W 960 961 966 9	UGRD	This course examines the relationship between environmental quality, human health and welfare, with particular attention to contamination in human environment; physical, biological, and social factors; trade-offs regarding prevention and remediation measures. Satisfies core School of Public Health requirement. Three lecture hours per week.
ENVR600.961	R	ENVR HLTH	SPH	ENVR	Gillings School of Global Public Health	ENVR 600 01W 02W 960 961 966 9	UGRD	This course examines the relationship between environmental quality, human health and welfare, with particular attention to contamination in human environment; physical, biological, and social factors; trade-offs regarding prevention and remediation measures. Satisfies core School of Public Health requirement. Three lecture hours per week.
ENVR600.964	R	ENVR HLTH	SPH	ENVR	Gillings School of Global Public Health	ENVR 600 01W 02W 960 961 966 9	UGRD	This course examines the relationship between environmental quality, human health and welfare, with particular attention to contamination in human environment; physical, biological, and social factors; trade-offs regarding prevention and remediation measures. Satisfies core School of Public Health requirement. Three lecture hours per week.
ENVR600.966	R	ENVR HLTH	SPH	ENVR	Gillings School of Global Public Health	ENVR 600 01W 02W 960 961 966 9	UGRD	This course examines the relationship between environmental quality, human health and welfare, with particular attention to contamination in human environment; physical, biological, and social factors; trade-offs regarding prevention and remediation measures. Satisfies core School of Public Health requirement. Three lecture hours per week.
ENVR600.967	R	ENVR HLTH	SPH	ENVR	Gillings School of Global Public Health	ENVR 600 01W 02W 960 961 966 9	UGRD	This course examines the relationship between environmental quality, human health and welfare, with particular attention to contamination in human environment; physical, biological, and social factors; trade-offs regarding prevention and remediation measures. Satisfies core School of Public Health requirement. Three lecture hours per week.
ENVR600.968	R	ENVR HLTH	SPH	ENVR	Gillings School of Global Public Health	ENVR 600 01W 02W 960 961 966 9	UGRD	This course examines the relationship between environmental quality, human health and welfare, with particular attention to contamination in human environment; physical, biological, and social factors; trade-offs regarding prevention and remediation measures. Satisfies core School of Public Health requirement. Three lecture hours per week.
ENVR600.969	R	ENVR HLTH	SPH	ENVR	Gillings School of Global Public Health	ENVR 600- 01W,02W,970,968,969.	UGRD	This course examines the relationship between environmental quality, human health and welfare, with particular attention to contamination in human environment; physical, biological, and social factors; trade-offs regarding prevention and remediation measures. Satisfies core School of Public Health requirement. Three lecture hours per week.
ENVR600.970	R	ENVR HLTH	SPH	ENVR	Gillings School of Global Public Health	ENVR 600 01W 02W 960 961 966 9	UGRD	This course examines the relationship between environmental quality, human health and welfare, with particular attention to contamination in human environment; physical, biological, and social factors; trade-offs regarding prevention and remediation measures. Satisfies core School of Public Health requirement. Three lecture hours per week.
ENVR600.972	R	ENVR HLTH	SPH	ENVR	Gillings School of Global Public Health	ENVR 600 01W 02W 960 961 966 9	UGRD	This course examines the relationship between environmental quality, human health and welfare, with particular attention to contamination in human environment; physical, biological, and social factors; trade-offs regarding prevention and remediation measures. Satisfies core School of Public Health requirement. Three lecture hours per week.

ENVR630.001	R	Sys. Biol. Env. Health	SPH	ENVR	Gillings School of Global Public Health		UGRD	Required preparation, one year of biology. Environmental systems biology examines how environmental stressors influence the components of a biological system, and how the interactions between these components result in changes in the function and behavior of that system. Permission of the instructor for nonmajors. The course material introduces the general concepts of assessing environmental exposures to chemicals in human populations. This includes the design of ecologic and personal monitoring studies, the techniques and equipment used for sampling and analysis, and interpretation of data.
ENVR640.001	R	EXPOSURE ASSESSMENT	SPH	ENVR	Gillings School of Global Public Health		UGRD	Prerequisites, COMP 116 and MATH 383. Numerical methods for solving problems arising in sciences and engineering. Solution of linear equations using direct and iterative approaches, solution of nonlinear systems of algebraic equations, solution of ordinary differential equations including single and multistep methods, and methods for stiff systems of ODEs and collocation methods for linear and nonlinear PDEs.
ENVR666.001	R	NUMERICAL METHODS	SPH	ENVR	Gillings School of Global Public Health		UGRD	Prerequisite, ENVR 461. A first graduate-level course in physical principles relevant to environmental systems. Topics include dimensional analysis, tensor calculus, conservation of mass and momentum. Applications are considered from natural and engineered systems and across all relevant media. Focus is on the development of mechanistic representation of environmental systems.
ENVR671.001	R	ENVIRONMENTAL PHYSICS I	SPH	ENVR	Gillings School of Global Public Health		UGRD	
ENVR698.001	R	ANALYSIS AND SOL	SPH	ENVR	Gillings School of Global Public Health	ENST/ENVR 698.001	UGRD	
ENVR698.002	R	ANALYSIS AND SOL	SPH	ENVR	Gillings School of Global Public Health	ENVR 698 002/ENST 698 002	UGRD	
EPID600.001	R	PRIN OF EPID	SPH	EPID	Gillings School of Global Public Health		UGRD	An introductory course that considers the meaning, scope, and applications of epidemiology to public health practice and the uses of vital statistics data in the scientific appraisal of community health. One lecture and two lab hours per week.
EPID600.01W	R	PRIN OF EPID	SPH	EPID	Gillings School of Global Public Health	EPID 600 01w/966/974/960/961	UGRD	An introductory course that considers the meaning, scope, and applications of epidemiology to public health practice and the uses of vital statistics data in the scientific appraisal of community health. One lecture and two lab hours per week.
EPID600.960	R	PRIN OF EPID	SPH	EPID	Gillings School of Global Public Health	EPID 600 01w/966/974/960/961	UGRD	An introductory course that considers the meaning, scope, and applications of epidemiology to public health practice and the uses of vital statistics data in the scientific appraisal of community health. One lecture and two lab hours per week.
EPID600.961	R	PRIN OF EPID	SPH	EPID	Gillings School of Global Public Health	EPID 600 01w/966/974/960/961	UGRD	An introductory course that considers the meaning, scope, and applications of epidemiology to public health practice and the uses of vital statistics data in the scientific appraisal of community health. One lecture and two lab hours per week.
EPID600.964	R	PRIN OF EPID	SPH	EPID	Gillings School of Global Public Health	EPID 600 01w/966/974/960/961	UGRD	An introductory course that considers the meaning, scope, and applications of epidemiology to public health practice and the uses of vital statistics data in the scientific appraisal of community health. One lecture and two lab hours per week.
EPID600.965	R	PRIN OF EPID	SPH	EPID	Gillings School of Global Public Health	EPID 600 01w/966/974/960/961	UGRD	An introductory course that considers the meaning, scope, and applications of epidemiology to public health practice and the uses of vital statistics data in the scientific appraisal of community health. One lecture and two lab hours per week.
EPID600.966	R	PRIN OF EPID	SPH	EPID	Gillings School of Global Public Health	EPID 600	UGRD	An introductory course that considers the meaning, scope, and applications of epidemiology to public health practice and the uses of vital statistics data in the scientific appraisal of community health. One lecture and two lab hours per week.
EPID600.967	R	PRIN OF EPID	SPH	EPID	Gillings School of Global Public Health		UGRD	An introductory course that considers the meaning, scope, and applications of epidemiology to public health practice and the uses of vital statistics data in the scientific appraisal of community health. One lecture and two lab hours per week.
EPID600.968	R	PRIN OF EPID	SPH	EPID	Gillings School of Global Public Health	EPID 600	UGRD	An introductory course that considers the meaning, scope, and applications of epidemiology to public health practice and the uses of vital statistics data in the scientific appraisal of community health. One lecture and two lab hours per week.
EPID600.969	R	PRIN OF EPID	SPH	EPID	Gillings School of Global Public Health	EPID 600	UGRD	An introductory course that considers the meaning, scope, and applications of epidemiology to public health practice and the uses of vital statistics data in the scientific appraisal of community health. One lecture and two lab hours per week.
EPID600.970	R	PRIN OF EPID	SPH	EPID	Gillings School of Global Public Health	EPID 600	UGRD	An introductory course that considers the meaning, scope, and applications of epidemiology to public health practice and the uses of vital statistics data in the scientific appraisal of community health. One lecture and two lab hours per week.
EPID600.971	R	PRIN OF EPID	SPH	EPID	Gillings School of Global Public Health	epid 600 971/01W	UGRD	An introductory course that considers the meaning, scope, and applications of epidemiology to public health practice and the uses of vital statistics data in the scientific appraisal of community health. One lecture and two lab hours per week.
EPID600.972	R	PRIN OF EPID	SPH	EPID	Gillings School of Global Public Health	EPID 600	UGRD	An introductory course that considers the meaning, scope, and applications of epidemiology to public health practice and the uses of vital statistics data in the scientific appraisal of community health. One lecture and two lab hours per week.
EPID690.001	R	PROBLEMS IN EPIDEMIOLOGY	SPH	EPID	Gillings School of Global Public Health		UGRD	A course for undergraduate students who wish to make an intensive study of some special problems in epidemiology.
EPID690.002	R	PROBLEMS IN EPIDEMIOLOGY	SPH	EPID	Gillings School of Global Public Health		UGRD	A course for undergraduate students who wish to make an intensive study of some special problems in epidemiology.
EPID690.003	R	PROBLEMS IN EPIDEMIOLOGY	SPH	EPID	Gillings School of Global Public Health		UGRD	A course for undergraduate students who wish to make an intensive study of some special problems in epidemiology.
EPID690.004	R	PROBLEMS IN EPIDEMIOLOGY	SPH	EPID	Gillings School of Global Public Health		UGRD	A course for undergraduate students who wish to make an intensive study of some special problems in epidemiology.
EPID690.005	R	PROBLEMS IN EPIDEMIOLOGY	SPH	EPID	Gillings School of Global Public Health		UGRD	A course for undergraduate students who wish to make an intensive study of some special problems in epidemiology.
EPID690.006	R	PROBLEMS IN EPIDEMIOLOGY	SPH	EPID	Gillings School of Global Public Health		UGRD	A course for undergraduate students who wish to make an intensive study of some special problems in epidemiology.
EPID690.007	R	PROBLEMS IN EPIDEMIOLOGY	SPH	EPID	Gillings School of Global Public Health		UGRD	A course for undergraduate students who wish to make an intensive study of some special problems in epidemiology.
EPID690.008	R	PROBLEMS IN EPIDEMIOLOGY	SPH	EPID	Gillings School of Global Public Health		UGRD	A course for undergraduate students who wish to make an intensive study of some special problems in epidemiology.
EPID690.009	R	PROBLEMS IN EPIDEMIOLOGY	SPH	EPID	Gillings School of Global Public Health		UGRD	A course for undergraduate students who wish to make an intensive study of some special problems in epidemiology.
EURO442.001	R	INTL POL ECONOMY	CAS	EURO	Curriculum in Contemporary European Studies	POLI 442/EURO 442	UGRD	Prerequisites, ECON 101 and POLI 150. Theories of international political economy, major trends in international economic relations, selected contemporary policy issues.
EURO460.001	R	INTERNATIONAL ECON	CAS	EURO	Curriculum in Contemporary European Studies	ECON 460 001/PWAD 460/EURO 460	UGRD	Prerequisite, ECON 410. An introduction to international trade, the balance of payments, and related issues of foreign economic policy.
EURO460.002	R	INTERNATIONAL ECON	CAS	EURO	Curriculum in Contemporary European Studies	ECON 460 002/PWAD 460/EURO 460	UGRD	Prerequisite, ECON 410. An introduction to international trade, the balance of payments, and related issues of foreign economic policy.
EURO460.003	R	INTERNATIONAL ECON	CAS	EURO	Curriculum in Contemporary European Studies	Econ/Euro/Pwad 460 003	UGRD	Prerequisite, ECON 410. An introduction to international trade, the balance of payments, and related issues of foreign economic policy.
EXSS101.001	R	FOUNDATIONS OF EXSS	CAS	EXSS	Department of Exercise and Sport Science		UGRD	Survey of the discipline of exercise and sport science. Analysis of the nature and importance of physical activity, knowledge base of the discipline, and careers in physical activity professions.
EXSS101.002	R	FOUNDATIONS OF EXSS	CAS	EXSS	Department of Exercise and Sport Science		UGRD	Survey of the discipline of exercise and sport science. Analysis of the nature and importance of physical activity, knowledge base of the discipline, and careers in physical activity professions.
FOLK230.001	R	NATIVE AMERICAN CULTURES	CAS	FOLK	Department of American Studies	ANTH 230/FOLK 230 001	UGRD	Broad survey of contemporary American Indian societies and cultures in the United States. Explores socio-cultural and historical diversity of tribes through film, autobiography, literature, current issues, guest speakers, archaeology, and history.
FOLK230.01M	R	NATIVE AMERICAN CULTURES	CAS	FOLK	Department of American Studies	ANTH230/FOLK230	UGRD	Broad survey of contemporary American Indian societies and cultures in the United States. Explores socio-cultural and historical diversity of tribes through film, autobiography, literature, current issues, guest speakers, archaeology, and history.
FOLK429.001	R	CULTURE/PWR SE ASIA	CAS	FOLK	Department of American Studies	ANTH/ASIA/FOLK 429.001	UGRD	The formation and transformation of values, identities, and expressive forms in Southeast Asia in response to forms of power. Emphasis on the impact of colonialism, the nation-state, and globalization.
FOLK435.001	R	CONSCIOUS & SYMBOLS	CAS	FOLK	Department of American Studies	ANTH/CMPL/FOLK 435.001	UGRD	This course explores consciousness through symbols. Symbols from religion, art, politics, and self are studied in social, psychological, historical, and ecological context to ascertain meanings in experience and behavior.
FOLK435.006	R	CONSCIOUS & SYMBOLS	CAS	FOLK	Department of American Studies	ANTH 435 006/FOLK/CMPL	UGRD	This course explores consciousness through symbols. Symbols from religion, art, politics, and self are studied in social, psychological, historical, and ecological context to ascertain meanings in experience and behavior.
FOLK470.001	R	MEDICINE & ANTHRO	CAS	FOLK	Department of American Studies	ANTH 470 001/FOLK 470 001	UGRD	This course examines cultural understandings of health, illness, and medical systems from an anthropological perspective with a special focus on Western medicine.
FOLK690.002	R	STUDIES IN FOLKLORE	CAS	FOLK	Department of American Studies		UGRD	Topic varies from semester to semester.
GEOG110.001	R	ENVIRONMENTAL SYSTEMS	CAS	GEOG	Department of Geography		UGRD	The laboratory and its parent course focus on the geomorphic, hydrologic, and biogeographical aspects of environmental systems with attention to local examples. No laboratory. (Core)
GEOG110.002	R	ENVIRONMENTAL SYSTEMS	CAS	GEOG	Department of Geography		UGRD	The laboratory and its parent course focus on the geomorphic, hydrologic, and biogeographical aspects of environmental systems with attention to local examples. No laboratory. (Core)
GEOG111.001	R	WEATHER AND CLIMATE	CAS	GEOG	Department of Geography		UGRD	An introduction to the nature and causes of weather variability and climate change and their impact on human activity. No laboratory. (Core)
GEOG120.001	R	WORLD REGIONAL GEOG	CAS	GEOG	Department of Geography	GEOG 120 001/PWAD 120 001	UGRD	A survey of the geographic structure of human activity in major world regions and nations. Emphasizes current developments related to population, urbanization, and economic activity. (Core)
GEOG120.002	R	WORLD REGIONAL GEOG	CAS	GEOG	Department of Geography	GEOG 120 002/PWAD 120 002	UGRD	A survey of the geographic structure of human activity in major world regions and nations. Emphasizes current developments related to population, urbanization, and economic activity. (Core)
GEOG120.990	R	WORLD REGIONAL GEOG	CAS	GEOG	Department of Geography	GEOG 120/990/991/992	UGRD	A survey of the geographic structure of human activity in major world regions and nations. Emphasizes current developments related to population, urbanization, and economic activity. (Core)
GEOG120.991	R	WORLD REGIONAL GEOG	CAS	GEOG	Department of Geography	GEOG 120/990/991/992	UGRD	A survey of the geographic structure of human activity in major world regions and nations. Emphasizes current developments related to population, urbanization, and economic activity. (Core)
GEOG120.992	R	WORLD REGIONAL GEOG	CAS	GEOG	Department of Geography	geog 120	UGRD	A survey of the geographic structure of human activity in major world regions and nations. Emphasizes current developments related to population, urbanization, and economic activity. (Core)

GEOG121.001	R	PEOPLE AND PLACES	CAS	GEOG	Department of Geography		UGRD	This course examines places and the connections between places to build critical understandings of the role of human geographies in global economic, political, social, and cultural systems. (Core)
GEOG121.002	R	PEOPLE AND PLACES	CAS	GEOG	Department of Geography		UGRD	This course examines places and the connections between places to build critical understandings of the role of human geographies in global economic, political, social, and cultural systems. (Core)
GEOG121.951	R	PEOPLE AND PLACES	CAS	GEOG	Department of Geography		UGRD	This course examines places and the connections between places to build critical understandings of the role of human geographies in global economic, political, social, and cultural systems. (Core)
GEOG125.001	R	CULTURAL LANDSCAPES	CAS	GEOG	Department of Geography		UGRD	Explores how everyday culture helps create the landscapes and places in which we live and what these landscapes tell us about ourselves. Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of 20th-century conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.
GEOG210.001	R	GLOBAL ISSUES	CAS	GEOG	Department of Geography	INTS HIST POLI ANTH GEOG 210	UGRD	
GEOG225.001	R	SPACE, PLACE & DIFFERENCE	CAS	GEOG	Department of Geography	GEOG 225 001/WMST 225 001	UGRD	Gender, race, and class are examined in terms of the spatial patterns of everyday life, regional patterns, and global patterns. (GHA)
GEOG259.001	R	LATIN AMERICA	CAS	GEOG	Department of Geography		UGRD	An introduction to Latin American geography through an examination of how the region came to be distinct and how social, political, and economic processes continue to define it. (Regional)
GEOG259.990	R	LATIN AMERICA	CAS	GEOG	Department of Geography	GEOG 259/990/991/992	UGRD	An introduction to Latin American geography through an examination of how the region came to be distinct and how social, political, and economic processes continue to define it. (Regional)
GEOG259.991	R	LATIN AMERICA	CAS	GEOG	Department of Geography	GEOG 259/990/991/992	UGRD	An introduction to Latin American geography through an examination of how the region came to be distinct and how social, political, and economic processes continue to define it. (Regional)
GEOG259.992	R	LATIN AMERICA	CAS	GEOG	Department of Geography	GEOG 259.900/991/992	UGRD	An introduction to Latin American geography through an examination of how the region came to be distinct and how social, political, and economic processes continue to define it. (Regional)
GEOG260.001	R	AMERICAN LANDSCAPES	CAS	GEOG	Department of Geography		UGRD	A survey of the cultural and physical landscapes of the United States and Canada. Emphasis on landscape evolution, present distributions, and interactions between people and their environment. (Regional)
GEOG262.001	R	GEOG OF NC	CAS	GEOG	Department of Geography		UGRD	A survey of the cultural, economic, and physical diversity of North Carolina. Emphasizes regional patterns, historical changes, and the appearance of the landscape. (Regional)
GEOG267.001	R	South Asia	CAS	GEOG	Department of Geography	GEOG 267 001/ASIA 267 001	UGRD	Introduces students to the geography of South Asia, including an overview of the physical environment, cultural practices, and economic development. Emphasizes the political geography of South Asia and political and social processes such as nationalism and colonialism that have played a formative role in the region.
GEOG268.001	R	GEOGRAPHY OF AFRICA	CAS	GEOG	Department of Geography		UGRD	Focuses on dynamic sociocultural, political, economic, and environmental issues shaping contemporary sub-Saharan Africa to develop an understanding of major drivers of stark physical, environmental, and socioeconomic contrasts across the continent and trajectories for the future. Themes include land use and environmental change, historical legacies, urbanization, economic growth, and trade.
GEOG410.001	R	MODELING ENV SYSTEMS	CAS	GEOG	Department of Geography		UGRD	Uses systems theory and computer models to understand ecosystem energy and matter flows, such as energy flow in food webs, terrestrial ecosystem evapotranspiration and productivity, related to climate, vegetation, soils, and hydrology across a range of spatial and temporal scales.
GEOG414.001	R	CLIMATE CHANGE	CAS	GEOG	Department of Geography		UGRD	An investigation of the physical processes that produce and change climates across space and time. Emphasis is placed on recent and predicted patterns of climate change.
GEOG423.001	R	SOCIAL GEOGRAPHY	CAS	GEOG	Department of Geography		UGRD	A study of the spatial components of current social problems, such as poverty, race relations, environmental deterioration and pollution, and crime. (GHA)
GEOG428.001	R	URBAN SOCIAL GEOGRAPHY	CAS	GEOG	Department of Geography		UGRD	Studies the changing landscapes of contemporary urbanism. Emphasis on patterns of economic development, housing, and infrastructure in cities in a global context. (GHA)
GEOG430.001	R	GLOBAL MIGRATIONS, LOCAL	CAS	GEOG	Department of Geography		UGRD	This course explores the relationship between patterns of urban development in the United States and migration, in both historical and contemporary contexts.
GEOG441.001	R	WATERSHED SYSTEMS	CAS	GEOG	Department of Geography		UGRD	Prerequisite, GEOG 110. Introduction to the hydrologic and geomorphic processes and forms in watersheds as applied to problems in flood analysis, water quality, and interactions with ecosystem processes. Course will cover the structure of drainage networks, nested catchments, and distribution and controls of precipitation, evaporation, runoff, soil, and groundwater flow. (EES)
GEOG444.001	R	LANDSCAPE BIOGEOG	CAS	GEOG	Department of Geography		UGRD	This course is concerned with the application of biogeographical principles and techniques to the study of natural and human-modified landscapes. It includes local and extraregional case studies. (EES)
GEOG445.001	R	MED GEOG	CAS	GEOG	Department of Geography		UGRD	The human ecology of health is studied by analyzing the cultural/environmental interactions that lie behind world patterns of disease distribution, diffusion, and treatment, and the ways these are being altered by development. (GHA)
GEOG447.001	R	GENDER IN THE MID-EAST	CAS	GEOG	Department of Geography	GEOG 447 001/INTS 447/ASIA 447	UGRD	Examines gender, space, and place relationships in the modern Middle East. Investigates shifting gender geographies of colonialism, nationalism, modernization, and globalization in this region. (GHA)
GEOG452.001	R	MIGRATION GEOGRAPHIES	CAS	GEOG	Department of Geography		UGRD	This course explores the contemporary experience of migrants. Various theoretical approaches are introduced, with the emphasis on a political-economic approach. (GHA)
GEOG453.001	R	POLITICAL GEOGRAPHY	CAS	GEOG	Department of Geography	GEOG 453 001/PWAD 453 001	UGRD	The geography of politics is explored at the global, the nation-state, and the local scale in separate course units, but the interconnections between these geographical scales are emphasized throughout. (GHA)
GEOG458.001	R	URBAN LATIN AMERICA	CAS	GEOG	Department of Geography		UGRD	Prerequisite, GEOG 259. Permission of the instructor for students lacking the prerequisite. This course examines urban social issues in contemporary Latin America. Cities and their residents will be considered in relation to each other and to North American examples. (Regional)
GEOG460.001	R	GEOG OF ECON CHANGE	CAS	GEOG	Department of Geography		UGRD	This course is designed to explore changing geographies of production and consumption in theory and in practice.
GEOG50.001	R	FYS MOUNTAIN ENVIRONMENT	CAS	GEOG	Department of Geography		UGRD	This course is on understanding the physical geography of mountain environments and the processes that have created them, shaped them, and sustained them.
GEOG541.001	R	GIS IN PUBLIC HEALTH	CAS	GEOG	Department of Geography		UGRD	Explores theory and application of geographic information systems (GIS) for public health. The course includes an overview of the principles of GIS in public health and practical experience in its use. (GISci)
GEOG56.001	R	FYS LOCAL/GLOBAL WORLD	CAS	GEOG	Department of Geography		UGRD	An examination of the relationship between globalization and localization in order to think about how we, as individuals and groups, can make a difference in the world.
GEOG591.001	R	ADV GIS	CAS	GEOG	Department of Geography		UGRD	Prerequisite, GEOG 370, 491, or equivalent. Applied issues in the use of geographic information systems in terrain analysis, medical geography, biophysical analysis, and population geography. (GISci)
GEOG591.002	R	ADV GIS	CAS	GEOG	Department of Geography		UGRD	Prerequisite, GEOG 370, 491, or equivalent. Applied issues in the use of geographic information systems in terrain analysis, medical geography, biophysical analysis, and population geography. (GISci)
GEOG595.001	R	ECOLOGICAL MODELING	CAS	GEOG	Department of Geography		UGRD	Prerequisite, BIOL 561 or STOR 455. Permission of the instructor for students lacking the prerequisite. This course focuses on modeling the terrestrial forest ecosystems processes, including population dynamics, energy, water, nutrients, and carbon flow through the ecosystem. (GISci)
GEOG63.001	R	NATURE AND PRESERVATION	CAS	GEOG	Department of Geography		UGRD	Alternative conceptualizations of nature in Western culture and how these meanings help create the landscapes in which we live and allow us to evaluate the implications of efforts to preserve nature.
GEOL101.001	R	INTRODUCTORY GEOL	CAS	GEOL	Department of Geology		UGRD	Major geologic events: earthquakes, volcanic activity, mountain formation, plate tectonics, and erosion. Landscape development by glaciers, streams and groundwater, ocean currents and waves, wind. Not open to students with credit in or currently enrolled in GEOL 105, 109, or 111. Optional laboratory: GEOL 101L. PX credit for GEOL 101+101L.
GEOL101.002	R	INTRODUCTORY GEOL	CAS	GEOL	Department of Geology		UGRD	Major geologic events: earthquakes, volcanic activity, mountain formation, plate tectonics, and erosion. Landscape development by glaciers, streams and groundwater, ocean currents and waves, wind. Not open to students with credit in or currently enrolled in GEOL 105, 109, or 111. Optional laboratory: GEOL 101L. PX credit for GEOL 101+101L.
GEOL103.001	R	MARINE ENVIRONMENT	CAS	GEOL	Department of Geology	MASC101/GEOL103 001	UGRD	Introduction to marine sciences emphasizing physical, chemical, biological, and geological phenomenon in oceanic and coastal environments. Human use of, and impact on, marine resources. (Science majors should take MASC 401.)
GEOL103.002	R	MARINE ENVIRONMENT	CAS	GEOL	Department of Geology	MASC 101/GEOL 103-002	UGRD	Introduction to marine sciences emphasizing physical, chemical, biological, and geological phenomenon in oceanic and coastal environments. Human use of, and impact on, marine resources. (Science majors should take MASC 401.)
GEOL105.001	R	VIOLENT EARTH	CAS	GEOL	Department of Geology		UGRD	Earth is changing catastrophically through volcanoes, earthquakes, hurricanes, and meteoric impacts. Explore the causes and effects of these phenomena and their impact on human development. Not open to students with credit in or currently enrolled in GEOL 101, 109, or 111. Optional laboratory: GEOL 101L. PX credit for GEOL 105+101L.
GEOL105.002	R	VIOLENT EARTH	CAS	GEOL	Department of Geology		UGRD	Earth is changing catastrophically through volcanoes, earthquakes, hurricanes, and meteoric impacts. Explore the causes and effects of these phenomena and their impact on human development. Not open to students with credit in or currently enrolled in GEOL 101, 109, or 111. Optional laboratory: GEOL 101L. PX credit for GEOL 105+101L.
GEOL105.951	R	VIOLENT EARTH	CAS	GEOL	Department of Geology		UGRD	Earth is changing catastrophically through volcanoes, earthquakes, hurricanes, and meteoric impacts. Explore the causes and effects of these phenomena and their impact on human development. Not open to students with credit in or currently enrolled in GEOL 101, 109, or 111. Optional laboratory: GEOL 101L. PX credit for GEOL 105+101L.

GEOL105.990	R	VIOLENT EARTH	CAS	GEOL	Department of Geology	geol 105	UGRD	Earth is changing catastrophically through volcanoes, earthquakes, hurricanes, and meteoric impacts. Explore the causes and effects of these phenomena and their impact on human development. Not open to students with credit in or currently enrolled in GEOL 101, 109, or 111. Optional laboratory: GEOL 101L. PX credit for GEOL 105+101L.
GEOL105.991	R	VIOLENT EARTH	CAS	GEOL	Department of Geology	GEOG 105/990/991/992	UGRD	Earth is changing catastrophically through volcanoes, earthquakes, hurricanes, and meteoric impacts. Explore the causes and effects of these phenomena and their impact on human development. Not open to students with credit in or currently enrolled in GEOL 101, 109, or 111. Optional laboratory: GEOL 101L. PX credit for GEOL 105+101L.
GEOL105.992	R	VIOLENT EARTH	CAS	GEOL	Department of Geology	GEOG 105/990/991/992	UGRD	Earth is changing catastrophically through volcanoes, earthquakes, hurricanes, and meteoric impacts. Explore the causes and effects of these phenomena and their impact on human development. Not open to students with credit in or currently enrolled in GEOL 101, 109, or 111. Optional laboratory: GEOL 101L. PX credit for GEOL 105+101L.
GEOL108.001	R	ENERGY AND CLIMATE CRISES	CAS	GEOL	Department of Geology	ENST/MASC/GEOL/PHYS/PWAD	UGRD	Students quantify global depletion of energy resources and accompanying environmental degradation, discovering the profound changes in attitudes and behavior required to adjust to diminished fossil fuels and modified climate.
GEOL109.001	R	EARTH AND CLIMATE	CAS	GEOL	Department of Geology		UGRD	Study of the solid earth and plate tectonics. Evolution of the atmosphere and oceans. Climate change. Origin of life, evolution and mass extinctions. Not open to students with credit in or currently enrolled in GEOL 101, 105, or 110. Optional laboratory: GEOL 101L. PX credit for GEOL 109+101L.
GEOL110.001	R	EARTH/CLIMATE SCI MAJORS	CAS	GEOL	Department of Geology		UGRD	Interactions between Earth systems. Topics include plate tectonics, climate change, history of life, and biogeochemical cycles. This course is restricted to science majors only. Optional laboratory: GEOL 101L. PX credit for GEOL 110+101L.
GEOL202.001	R	EARTH SYSTEMS HISTORY	CAS	GEOL	Department of Geology		UGRD	Required preparation, one introductory geology course numbered below GEOL 202, except first-year seminar. History of the earth (including its oceans, atmosphere, and life forms) as deciphered from the geologic record. Birth of continents/oceans; evolution and extinction of life forms; the changing global environment.
GEOL213.001	R	EARTH'S DYNAMIC SYSTEMS	CAS	GEOL	Department of Geology	ENST 213/GEOL 213	UGRD	Required preparation, one introductory geology course numbered below GEOL 202, except first-year seminar. Earth system science approach to the study of planet earth. Influence of earth processes on the environment. Earthquakes, volcanoes, plate tectonics, global climate change.
GEOL215.001	R	ENERGY RESOURCES	CAS	GEOL	Department of Geology		UGRD	Required preparation, one geology course numbered below GEOL 202, except first-year seminar. Considers the distribution, extraction, economics, and demand for mineral resources. Treats the impact of the mineral industry on industrial and preindustrial economies, economic factors, maldistribution and depletion of resources, and the environmental impact of the mineral extraction industry.
GEOL301.001	R	EARTH MAT: MINERALS	CAS	GEOL	Department of Geology		UGRD	Prerequisite, GEOL 101 or 110; pre- or corequisite, CHEM 101. Permission of the instructor for students lacking the prerequisite. Minerals in sedimentary, igneous, and metamorphic environments: their properties, occurrence, and uses. Methods of identifying minerals, including use of optical properties. Three lecture and three laboratory hours a week.
GEOL403.001	R	OCEANOGRAPHY	CAS	GEOL	Department of Geology	MASC 401 001/ENVR 417 001	UGRD	Required preparation, major in a natural science or two courses in natural sciences. Studies origin of ocean basins, seawater chemistry and dynamics, biological communities, sedimentary record, and oceanographic history. Term paper. Students lacking science background should see MASC 101. No credit for MASC 401 after receiving credit for MASC 101.
GEOL430.001	R	COASTAL SEDIMENTS	CAS	GEOL	Department of Geology		UGRD	Prerequisite, GEOL 402. Introduction to modern shallow-water clastic environments and their sediments, emphasizing barrier islands, deltas, estuaries, wetlands, and tidal flats. Includes local field trips and discussion/application of data-collecting techniques.
GEOL460.001	R	ENVIRON. FLUID DYNAMICS	CAS	GEOL	Department of Geology	GEOL460/MASC460/ENVR460	UGRD	Prerequisite, MATH 232. Permission of the instructor for students lacking the prerequisite. Principles and applications of fluid dynamics to flows of air and water in the natural environment. Conservation of momentum, mass, and energy applied to lakes, rivers, estuaries, and the coastal ocean. Dimensional analysis and scaling emphasized to promote problem-solving skills.
GEOL509.001	R	GROUNDWATER	CAS	GEOL	Department of Geology		UGRD	Prerequisites, CHEM 102; GEOL 101, 105, 109, or 110; MATH 231; PHYS 104, 116. Permission of the instructor for students lacking the prerequisites. Introduction to physics, chemistry, and geology of groundwater.
GEOL70.001	R	FYS GEOL OF N C	CAS	GEOL	Department of Geology		UGRD	A field-based course focused on the geologic story of North Carolina. Includes local field trips and weekend trips to the coast and mountains
GLBL210.001	R	GLOBAL ISSUES	CAS	GLBL	Curriculum in Global Studies	glbl 210/001	UGRD	Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of 20th-century conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.
GLBL210.002	R	GLOBAL ISSUES	CAS	GLBL	Curriculum in Global Studies		UGRD	Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of 20th-century conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.
GLBL210.003	R	GLOBAL ISSUES	CAS	GLBL	Curriculum in Global Studies		UGRD	Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of 20th-century conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.
GLBL210.990	R	GLOBAL ISSUES	CAS	GLBL	Curriculum in Global Studies	GLBL 210/990	UGRD	Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of 20th-century conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.
GLBL210.991	R	GLOBAL ISSUES	CAS	GLBL	Curriculum in Global Studies	GLBL 210/990	UGRD	Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of 20th-century conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.
GLBL290.001	R	CURR TOPS GLOBAL ST	CAS	GLBL	Curriculum in Global Studies		UGRD	An interdisciplinary approach to the study of the background, current status, and future prospects for one of a series of global issues such as the nuclear age, the environment, technological transition.
GLBL290.003	R	CURR TOPS GLOBAL ST	CAS	GLBL	Curriculum in Global Studies		UGRD	An interdisciplinary approach to the study of the background, current status, and future prospects for one of a series of global issues such as the nuclear age, the environment, technological transition.
GLBL290.004	R	CURR TOPS GLOBAL ST	CAS	GLBL	Curriculum in Global Studies		UGRD	An interdisciplinary approach to the study of the background, current status, and future prospects for one of a series of global issues such as the nuclear age, the environment, technological transition.
HBHE600.01W	R	SOC BHVRL SCI IN PH	SPH	HBHE	School of Public Health	HBHE 600 01W 960 966 964	UGRD	This course focuses on social and behavioral science theories, research and interventions aimed at promoting health of individuals, groups, communities and populations. Two lecture hours per week.
HBHE600.960	R	SOC BHVRL SCI IN PH	SPH	HBHE	School of Public Health	HBHE 600 01W 960 966 964	UGRD	This course focuses on social and behavioral science theories, research and interventions aimed at promoting health of individuals, groups, communities and populations. Two lecture hours per week.
HBHE600.964	R	SOC BHVRL SCI IN PH	SPH	HBHE	School of Public Health	HBHE 600 01W 960 966 964	UGRD	This course focuses on social and behavioral science theories, research and interventions aimed at promoting health of individuals, groups, communities and populations. Two lecture hours per week.
HBHE600.966	R	SOC BHVRL SCI IN PH	SPH	HBHE	School of Public Health	HBHE 600 - 01W,970,967,968,969	UGRD	This course focuses on social and behavioral science theories, research and interventions aimed at promoting health of individuals, groups, communities and populations. Two lecture hours per week.
HBHE600.967	R	SOC BHVRL SCI IN PH	SPH	HBHE	School of Public Health		UGRD	This course focuses on social and behavioral science theories, research and interventions aimed at promoting health of individuals, groups, communities and populations. Two lecture hours per week.
HBHE600.968	R	SOC BHVRL SCI IN PH	SPH	HBHE	School of Public Health	HBHE 600	UGRD	This course focuses on social and behavioral science theories, research and interventions aimed at promoting health of individuals, groups, communities and populations. Two lecture hours per week.
HBHE600.969	R	SOC BHVRL SCI IN PH	SPH	HBHE	School of Public Health	HBHE 600	UGRD	This course focuses on social and behavioral science theories, research and interventions aimed at promoting health of individuals, groups, communities and populations. Two lecture hours per week.
HBHE600.970	R	SOC BHVRL SCI IN PH	SPH	HBHE	School of Public Health	HBHE 600	UGRD	This course focuses on social and behavioral science theories, research and interventions aimed at promoting health of individuals, groups, communities and populations. Two lecture hours per week.
HBHE600.971	R	SOC BHVRL SCI IN PH	SPH	HBHE	School of Public Health	HBHE 600	UGRD	This course focuses on social and behavioral science theories, research and interventions aimed at promoting health of individuals, groups, communities and populations. Two lecture hours per week.
HBHE699.001	R	SPCL TOPICS IN HLTH BEHAVIOR	SPH	HBHE	School of Public Health		UGRD	Special topics in health behavior. An experimental course designed for faculty who wish to offer a new course. Content will vary from semester to semester.
HBHE699.005	R	SPCL TOPICS IN HLTH BEHAVIOR	SPH	HBHE	School of Public Health		UGRD	Special topics in health behavior. An experimental course designed for faculty who wish to offer a new course. Content will vary from semester to semester.
HBHE699.006	R	SPCL TOPICS IN HLTH BEHAVIOR	SPH	HBHE	School of Public Health		UGRD	Special topics in health behavior. An experimental course designed for faculty who wish to offer a new course. Content will vary from semester to semester.
HBHE699.048	R	SPCL TOPICS IN HLTH BEHAVIOR	SPH	HBHE	School of Public Health		UGRD	Special topics in health behavior. An experimental course designed for faculty who wish to offer a new course. Content will vary from semester to semester.
HBHE699.051	R	SPCL TOPICS IN HLTH BEHAVIOR	SPH	HBHE	School of Public Health		UGRD	Special topics in health behavior. An experimental course designed for faculty who wish to offer a new course. Content will vary from semester to semester.
HIST130.001	R	20TH CENTURY AFRICA	CAS	HIST	Department of History		UGRD	Using fiction, film, primary sources, and scholarly work, this course provides an overview of the major issues in 20th-century African history. Topics include colonialism and neo-colonialism, social change, gender, and ethnicity.

HIST130.006	R	20TH CENTURY AFRICA	CAS	HIST	Department of History		UGRD	Using fiction, film, primary sources, and scholarly work, this course provides an overview of the major issues in 20th-century African history. Topics include colonialism and neo-colonialism, social change, gender, and ethnicity.
HIST130.01M	R	20TH CENTURY AFRICA	CAS	HIST	Department of History		UGRD	Using fiction, film, primary sources, and scholarly work, this course provides an overview of the major issues in 20th-century African history. Topics include colonialism and neo-colonialism, social change, gender, and ethnicity.
HIST130.990	R	20TH CENTURY AFRICA	CAS	HIST	Department of History	HIST130 990, 991, 992	UGRD	Using fiction, film, primary sources, and scholarly work, this course provides an overview of the major issues in 20th-century African history. Topics include colonialism and neo-colonialism, social change, gender, and ethnicity.
HIST130.991	R	20TH CENTURY AFRICA	CAS	HIST	Department of History	HIST130 990, 991, 992	UGRD	Using fiction, film, primary sources, and scholarly work, this course provides an overview of the major issues in 20th-century African history. Topics include colonialism and neo-colonialism, social change, gender, and ethnicity.
HIST130.992	R	20TH CENTURY AFRICA	CAS	HIST	Department of History	HIST130 990, 991, 992	UGRD	Using fiction, film, primary sources, and scholarly work, this course provides an overview of the major issues in 20th-century African history. Topics include colonialism and neo-colonialism, social change, gender, and ethnicity.
HIST134.001	R	MODERN EAST ASIA	CAS	HIST	Department of History	HIST/PWAD 134	UGRD	Comparative and interdisciplinary introduction to China and Japan in the 19th and 20th centuries, focusing on impact of the West, nation building, industrialization, and evolution of mass society.
HIST140.001	R	THE WORLD SINCE 1945	CAS	HIST	Department of History		UGRD	This introduction to the contemporary world examines the Cold War and its international aftermath, decolonization, national development across a variety of cases, and trends in the global economy.
HIST140.002	R	THE WORLD SINCE 1945	CAS	HIST	Department of History		UGRD	This introduction to the contemporary world examines the Cold War and its international aftermath, decolonization, national development across a variety of cases, and trends in the global economy.
HIST140.003	R	THE WORLD SINCE 1945	CAS	HIST	Department of History		UGRD	This introduction to the contemporary world examines the Cold War and its international aftermath, decolonization, national development across a variety of cases, and trends in the global economy.
HIST140.006	R	THE WORLD SINCE 1945	CAS	HIST	Department of History		UGRD	This introduction to the contemporary world examines the Cold War and its international aftermath, decolonization, national development across a variety of cases, and trends in the global economy.
HIST140.007	R	THE WORLD SINCE 1945	CAS	HIST	Department of History		UGRD	This introduction to the contemporary world examines the Cold War and its international aftermath, decolonization, national development across a variety of cases, and trends in the global economy.
HIST140.008	R	THE WORLD SINCE 1945	CAS	HIST	Department of History		UGRD	This introduction to the contemporary world examines the Cold War and its international aftermath, decolonization, national development across a variety of cases, and trends in the global economy.
HIST140.01M	R	THE WORLD SINCE 1945	CAS	HIST	Department of History		UGRD	This introduction to the contemporary world examines the Cold War and its international aftermath, decolonization, national development across a variety of cases, and trends in the global economy.
HIST140.851	R	THE WORLD SINCE 1945	CAS	HIST	Department of History		UGRD	This introduction to the contemporary world examines the Cold War and its international aftermath, decolonization, national development across a variety of cases, and trends in the global economy.
HIST140.951	R	THE WORLD SINCE 1945	CAS	HIST	Department of History		UGRD	This introduction to the contemporary world examines the Cold War and its international aftermath, decolonization, national development across a variety of cases, and trends in the global economy.
HIST140.990	R	THE WORLD SINCE 1945	CAS	HIST	Department of History	HIST 140 - 990/991/992	UGRD	This introduction to the contemporary world examines the Cold War and its international aftermath, decolonization, national development across a variety of cases, and trends in the global economy.
HIST140.991	R	THE WORLD SINCE 1945	CAS	HIST	Department of History	HIST 140 - 990/991/992	UGRD	This introduction to the contemporary world examines the Cold War and its international aftermath, decolonization, national development across a variety of cases, and trends in the global economy.
HIST140.992	R	THE WORLD SINCE 1945	CAS	HIST	Department of History	HIST 140.900/991/992	UGRD	This introduction to the contemporary world examines the Cold War and its international aftermath, decolonization, national development across a variety of cases, and trends in the global economy.
HIST210.001	R	GLOBAL ISSUES	CAS	HIST	Department of History	INTS HIST POLI ANTH GEOG 210	UGRD	Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of 20th-century conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.
HIST277.01M	R	ISRAEL/PALESTINE CONFLIC	CAS	HIST	Department of History	Hist/Pwad 277	UGRD	Explores the conflict over Palestine during the last 100 years. Surveys the development of competing nationalisms, the contest for resources and political control that led to the partition of the region, the war that established a Jewish state, and the subsequent struggles between conflicting groups for land and independence.
HIST292.001	R	SPECIAL TOPICS	CAS	HIST	Department of History		UGRD	Subject matter will vary with instructor but will focus on some particular topic or historical approach. Course description available from departmental office. Closed to graduate students.
HIST356.001	R	US WOMEN HIST SINCE 1865	CAS	HIST	Department of History		UGRD	This course will examine the changing lives of women in the United states after 1865: Their contribution to economy, society, cultural change, and political struggles.
HIST356.990	R	US WOMEN HIST SINCE 1865	CAS	HIST	Department of History	Hist356/990	UGRD	This course will examine the changing lives of women in the United states after 1865: Their contribution to economy, society, cultural change, and political struggles.
HIST356.991	R	US WOMEN HIST SINCE 1865	CAS	HIST	Department of History	Hist356/990	UGRD	This course will examine the changing lives of women in the United states after 1865: Their contribution to economy, society, cultural change, and political struggles.
HIST367.001	R	NC HIST SINCE 1865	CAS	HIST	Department of History		UGRD	The history of North Carolina from the end of the Civil War to the present. Important topics include Reconstruction, agrarian protests, disfranchisement and segregation, industrialization and workers' experience, the civil rights movement, and 20th-century politics.
HIST367.006	R	NC HIST SINCE 1865	CAS	HIST	Department of History		UGRD	The history of North Carolina from the end of the Civil War to the present. Important topics include Reconstruction, agrarian protests, disfranchisement and segregation, industrialization and workers' experience, the civil rights movement, and 20th-century politics.
HIST367.851	R	NC HIST SINCE 1865	CAS	HIST	Department of History		UGRD	The history of North Carolina from the end of the Civil War to the present. Important topics include Reconstruction, agrarian protests, disfranchisement and segregation, industrialization and workers' experience, the civil rights movement, and 20th-century politics.
HIST367.990	R	NC HIST SINCE 1865	CAS	HIST	Department of History	HIST 367.990/991/992	UGRD	The history of North Carolina from the end of the Civil War to the present. Important topics include Reconstruction, agrarian protests, disfranchisement and segregation, industrialization and workers' experience, the civil rights movement, and 20th-century politics.
HIST367.991	R	NC HIST SINCE 1865	CAS	HIST	Department of History	HIST 367.990/991/992	UGRD	The history of North Carolina from the end of the Civil War to the present. Important topics include Reconstruction, agrarian protests, disfranchisement and segregation, industrialization and workers' experience, the civil rights movement, and 20th-century politics.
HIST367.992	R	NC HIST SINCE 1865	CAS	HIST	Department of History	HIST 367.990/991/992	UGRD	The history of North Carolina from the end of the Civil War to the present. Important topics include Reconstruction, agrarian protests, disfranchisement and segregation, industrialization and workers' experience, the civil rights movement, and 20th-century politics.
HIST393.003	R	TWNW UNDERGR SEMINAR	CAS	HIST	Department of History		UGRD	Permission of the department; the course is in general limited to 15 students. The subject matter will vary with the instructor. Each course will concern itself with a study in depth of some problem in Third World/non-Western history.
HIST393.004	R	TWNW UNDERGR SEMINAR	CAS	HIST	Department of History		UGRD	Permission of the department; the course is in general limited to 15 students. The subject matter will vary with the instructor. Each course will concern itself with a study in depth of some problem in Third World/non-Western history.
HIST393.005	R	TWNW UNDERGR SEMINAR	CAS	HIST	Department of History		UGRD	Permission of the department; the course is in general limited to 15 students. The subject matter will vary with the instructor. Each course will concern itself with a study in depth of some problem in Third World/non-Western history.
HIST393.006	R	TWNW UNDERGR SEMINAR	CAS	HIST	Department of History		UGRD	Permission of the department; the course is in general limited to 15 students. The subject matter will vary with the instructor. Each course will concern itself with a study in depth of some problem in Third World/non-Western history.
HIST395.001	R	UNDERGRADUATE SEMINAR	CAS	HIST	Department of History		UGRD	Permission of the department. The course is in general limited to 15 students. The subject matter will vary with the instructor. Each course will concern itself with a study in depth of some historical problem. Students will write a substantial research paper.
HIST490.001	R	SPECIAL TOPICS	CAS	HIST	Department of History		UGRD	Subject matter will vary with instructor but will focus on some particular topic or historical approach. Course description available from the departmental office.
HIST569.001	R	BLACK WOMEN IN US	CAS	HIST	Department of History	HIST 269 001/WMST 569 001	UGRD	The course covers the history of black women in the United States from the 18th century to the present. It deals with such themes as work, family, community, sexuality, politics, religion, and culture.
HIST89.002	R	FYS: SPECIAL TOPICS	CAS	HIST	Department of History		UGRD	Special topics course. Content will vary each semester.
HIST89H.004	R	FYS: SPECIAL TOPICS	CAS	HIST	Department of History		UGRD	Special topics course. Content will vary each semester.
HNRS325.001	R	HONORS JUNIOR COLLOQUIUM	CAS	HNRS	Honors Carolina		UGRD	N/A. Honors (HNRS) seminar numbers do not appear in the Undergraduate Bulletin with descriptions.
HNRS350.001	R	ELECTIVE	CAS	HNRS	Honors Carolina		UGRD	Generic number. See justification.
HNRS350.01S	R	ELECTIVE	CAS	HNRS	Honors Carolina		UGRD	Generic number. See justification.
HNRS350.02S	R	ELECTIVE	CAS	HNRS	Honors Carolina		UGRD	Generic number. See justification.
HNRS350.03S	R	ELECTIVE	CAS	HNRS	Honors Carolina		UGRD	Generic number. See justification.
HNRS352.001	R	SOC & BEHAV SCIENCE	CAS	HNRS	Honors Carolina		UGRD	Generic number. See justification.
HNRS352.003	R	SOC & BEHAV SCIENCE	CAS	HNRS	Honors Carolina		UGRD	Generic number. See justification.
HNRS352.01S	R	SOC & BEHAV SCIENCE	CAS	HNRS	Honors Carolina		UGRD	Generic number. See justification.
HNRS352.02S	R	SOC & BEHAV SCIENCE	CAS	HNRS	Honors Carolina		UGRD	Generic number. See justification.

HNRS352.03S	R	SOC & BEHAV SCIENCE	CAS	HNRS	Honors Carolina		UGRD	
HNRS352.04S	R	SOC & BEHAV SCIENCE	CAS	HNRS	Honors Carolina		UGRD	
HNRS352.05S	R	SOC & BEHAV SCIENCE	CAS	HNRS	Honors Carolina		UGRD	
HNRS352.06S	R	SOC & BEHAV SCIENCE	CAS	HNRS	Honors Carolina		UGRD	
HNRS352.07S	R	SOC & BEHAV SCIENCE	CAS	HNRS	Honors Carolina		UGRD	
HNRS353.04S	R	HISTORICAL ANALYSIS	CAS	HNRS	Honors Carolina		UGRD	
HNRS390.00S	R	HONORS CONTRACT	CAS	HNRS	Honors Carolina		UGRD	Allows honors students to take enhanced versions of regularly offered courses in their major for honors credit. Proposals must be submitted and approved by the Assistant Dean of Honors.
HPM330.001	R	HLTH ORG LDRSHP/MGMT/BEHAVIOR	SPH	HPM	Gillings School of Global Public Health		UGRD	Using team-based service learning, the course develops skills in leading teams, organizations, and community and global health initiatives. Topics such as leadership, quality improvement, organizational structure, conflict management, and human resources are addressed.
HPM351.001	R	PLCY ISS IN HLT SVCS DEL	SPH	HPM	Gillings School of Global Public Health		UGRD	Restricted to HPM B.S.P.H. students. This seminar addresses current health services delivery concerns from policy perspectives. Guest speakers, debates, and development of issue papers are used to explore implications for access and quality of health care.
HPM420.960	R	DISASTER MANGT SYST	SPH	HPM	Gillings School of Global Public Health		UGRD	Permission of the instructor. This course examines systems for emergency management at federal, state, and local levels. The roles of emergency management, health services, and public health in disaster management are examined. Offered to students in CPDM program only.
HPM420.971	R	DISASTER MANGT SYST	SPH	HPM	Gillings School of Global Public Health		UGRD	Permission of the instructor. This course examines systems for emergency management at federal, state, and local levels. The roles of emergency management, health services, and public health in disaster management are examined. Offered to students in CPDM program only.
HPM421.971	R	DISASTER AGENTS	SPH	HPM	Gillings School of Global Public Health		UGRD	Permission of the instructor. This course covers biological, chemical, nuclear, and environmental agents that threaten public health. Offered to students in CPDM program only.
HPM422.971	R	EMERGENCY MAN I	SPH	HPM	Gillings School of Global Public Health		UGRD	Permission of the instructor. Introduction of analytical tools to assess, evaluate, map, and investigate disasters (including biological outbreaks). These tools will be used to improve planning for disaster management. Offered to students in CPDM program only.
HPM423.960	R	EMERGENCY MAN II	SPH	HPM	Gillings School of Global Public Health		UGRD	Permission of the instructor. Explores issues of preparedness, response, recovery, mitigation, and research in disaster management. Students will participate in the development of a plan and a simulation to evaluate the plan. Offered to students in CPDM program only.
HPM423.971	R	EMERGENCY MAN II	SPH	HPM	Gillings School of Global Public Health		UGRD	Permission of the instructor. Explores issues of preparedness, response, recovery, mitigation, and research in disaster management. Students will participate in the development of a plan and a simulation to evaluate the plan. Offered to students in CPDM program only.
HPM465.001	R	UNDER POP AND HLTH REFORM	SPH	HPM	Gillings School of Global Public Health		UGRD	Students will gain an understanding of how the changes in the health care market affect care for underserved populations and will develop strategies to ensure that the needs of these populations are met.
HPM522.001	R	AGING FAM LONG-TERM CARE	SPH	HPM	Gillings School of Global Public Health		UGRD	Current issues pertaining to the health and well being of older Americans, and how such issues influence family dynamics and choices about long-term care. Critical topics on chronic illness, family and community caregiving, ethnicity/culture, and socioeconomic status will be covered in the course.
HPM552.002	R	SCI DOCU TV	SPH	HPM	Gillings School of Global Public Health	JOMC 562 001/HPM 552 001	UGRD	Students learn skills needed to produce a science documentary for broadcast on television, including research and script writing.
HPM600.01W	R	INTRO TO HPM	SPH	HPM	Gillings School of Global Public Health	HPM 600 01w, 964, 960, 966	UGRD	Permission of the instructor. Restricted to seniors. Does not qualify as a core course or elective for HPM undergraduate majors. Provides an overview of the United States health system, emphasizing role of policy development and administrative decision making through case examples.
HPM600.960	R	INTRO TO HPM	SPH	HPM	Gillings School of Global Public Health	HPM 600 01w, 964, 960, 966	UGRD	Permission of the instructor. Restricted to seniors. Does not qualify as a core course or elective for HPM undergraduate majors. Provides an overview of the United States health system, emphasizing role of policy development and administrative decision making through case examples.
HPM600.964	R	INTRO TO HPM	SPH	HPM	Gillings School of Global Public Health	HPM 600 01w, 964, 960, 966	UGRD	Permission of the instructor. Restricted to seniors. Does not qualify as a core course or elective for HPM undergraduate majors. Provides an overview of the United States health system, emphasizing role of policy development and administrative decision making through case examples.
HPM600.966	R	INTRO TO HPM	SPH	HPM	Gillings School of Global Public Health	HPM 600 01w, 964, 960, 966	UGRD	Permission of the instructor. Restricted to seniors. Does not qualify as a core course or elective for HPM undergraduate majors. Provides an overview of the United States health system, emphasizing role of policy development and administrative decision making through case examples.
HPM600.968	R	INTRO TO HPM	SPH	HPM	Gillings School of Global Public Health	HPM 600 - 01W,970,968,969	UGRD	Permission of the instructor. Restricted to seniors. Does not qualify as a core course or elective for HPM undergraduate majors. Provides an overview of the United States health system, emphasizing role of policy development and administrative decision making through case examples.
HPM600.969	R	INTRO TO HPM	SPH	HPM	Gillings School of Global Public Health	HPM 600 - 01W,970,968,969	UGRD	Permission of the instructor. Restricted to seniors. Does not qualify as a core course or elective for HPM undergraduate majors. Provides an overview of the United States health system, emphasizing role of policy development and administrative decision making through case examples.
HPM600.970	R	INTRO TO HPM	SPH	HPM	Gillings School of Global Public Health	HPM 600 - 01W,970,968,969	UGRD	Permission of the instructor. Restricted to seniors. Does not qualify as a core course or elective for HPM undergraduate majors. Provides an overview of the United States health system, emphasizing role of policy development and administrative decision making through case examples.
HPM600.971	R	INTRO TO HPM	SPH	HPM	Gillings School of Global Public Health	HPM600/01w	UGRD	Permission of the instructor. Restricted to seniors. Does not qualify as a core course or elective for HPM undergraduate majors. Provides an overview of the United States health system, emphasizing role of policy development and administrative decision making through case examples.
HPM660.001	R	INTL & COMP HLTH SYS	SPH	HPM	Gillings School of Global Public Health		UGRD	Methods of comparing health systems, examinations of related national health systems, and analysis of related high prevalence health issues.
IDST89.001	R	FYS: SPECIAL TOPICS	CAS	IDST	Office of Undergraduate Curricula		UGRD	Content varies each semester.
INLS89.001	R	FYS: SPECIAL TOPICS	SILS	INLS	School of Information and Library Science		UGRD	Special topics course; content will vary each semester.
INTS210.001	R	GLOBAL ISSUES	CAS	INTS	CAS	INTS HIST POLI ANTH GEOG 210	UGRD	Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of 20th-century conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.
INTS210.002	R	GLOBAL ISSUES	CAS	INTS	CAS		UGRD	Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of 20th-century conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.
INTS210.990	R	GLOBAL ISSUES	CAS	INTS	CAS	INTS 210 - 990/991/992	UGRD	Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of 20th-century conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.
INTS210.991	R	GLOBAL ISSUES	CAS	INTS	CAS	INTS 210 - 990/991/992	UGRD	Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of 20th-century conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.
INTS210.992	R	GLOBAL ISSUES	CAS	INTS	CAS	INTS 210 - 990/991/992	UGRD	Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of 20th-century conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.
INTS290.001	R	CURR TOPS GLOBAL ST	CAS	INTS	CAS		UGRD	An interdisciplinary approach to the study of the background, current status, and future prospects for one of a series of global issues such as the nuclear age, the environment, technological transition.
INTS290.002	R	CURR TOPS GLOBAL ST	CAS	INTS	CAS		UGRD	An interdisciplinary approach to the study of the background, current status, and future prospects for one of a series of global issues such as the nuclear age, the environment, technological transition.
INTS290.003	R	CURR TOPS GLOBAL ST	CAS	INTS	CAS		UGRD	An interdisciplinary approach to the study of the background, current status, and future prospects for one of a series of global issues such as the nuclear age, the environment, technological transition.
INTS290.004	R	CURR TOPS GLOBAL ST	CAS	INTS	CAS		UGRD	An interdisciplinary approach to the study of the background, current status, and future prospects for one of a series of global issues such as the nuclear age, the environment, technological transition.
INTS388.001	R	INT POL SEX/REPRO HEALTH	CAS	INTS	CAS	WMST 388/INST 388	UGRD	Prerequisite, WMST 101. Permission of the instructor. Takes a feminist political economy perspective on debates over current health issues of international concern, including abortion, population control, and sexually transmitted infections. Focuses on the United States, Mexico, and Kenya, as well as on international organizations and social movements.
INTS390.001	R	CURRENT TOPICS	CAS	INTS	CAS		UGRD	Topics vary from semester to semester.
INTS390.003	R	CURRENT TOPICS	CAS	INTS	CAS		UGRD	Topics vary from semester to semester.
INTS390.004	R	CURRENT TOPICS	CAS	INTS	CAS		UGRD	Topics vary from semester to semester.

INTS393.001	R	GREAT DECISIONS	CAS	INTS	CAS		UGRD	Eight evening guest lectures, with a discussion session after each, on eight issues in current foreign policy. May be repeated for credit. Pre- or corequisite, GBL 393. This course links the Great Decisions lecture series with readings and analyses of international relations. Its purpose is to provide the students on the Great Decisions coordinating committee with a practical and intellectual engagement with United States foreign policy and global issues.
INTS394.001	R	GR DECISIONS/INTRELATION	CAS	INTS	CAS		UGRD	Examines gender, space, and place relationships in the modern Middle East. Investigates shifting gender geographies of colonialism, nationalism, modernization, and globalization in this region. (GHA)
INTS447.001	R	GENDER IN THE MID-EAST	CAS	INTS	CAS	GEOG 447 001/INTS 447/ASIA 447	UGRD	Examines modern Muslim geographies that are created by transnational flows, connections, and imaginaries that cross national and regional boundaries across the Middle East, Southeast Asia, and beyond.
INTS448.001	R	TRANSNATIONAL MUSLIMS	CAS	INTS	CAS	GEOG 448/INTS 448	UGRD	Reviews environmental problems in developing countries. Analyzes proposed solutions, such as legal remedies, market instruments, corporate voluntary approaches, international agreements, and development policies. Discusses the link between trade and environment, environmental cases from the World Trade Organization, and sustainable development.
INTS520.001	R	ENVIRONMENT & DEVELOPMENT	CAS	INTS	CAS	PLCY/ENST/INTS 520.001	UGRD	This seminar examines the political, economic and intellectual developments that led to the emergence of human rights as a global phenomenon historically and in the current phase of globalization. Also engages with debates concerning the role of human rights as an ethical philosophy in thinking through global issues.
INTS560.001	R	HUM RIGHTS ETHICS GLOBAL	CAS	INTS	CAS		UGRD	Independent study on a selected topic in Italian literature and culture agreed upon by the student and a member of the faculty.
ITAL390.069	R	SPC TOPS/RDNGS ITAL LIT	CAS	ITAL	Department of Romance Languages and Literatures		UGRD	Prerequisite, JAPN 306. Advanced Japanese course designed to develop Japanese skills and deepen appreciation of Japanese cooking. Students will develop the ability to discuss and write about topic-oriented issues in Japanese.
JAPN411.001	R	FOOD & CULTURE IN JAPAN	CAS	JAPN	Department of Asian Studies		UGRD	An examination of racial stereotypes and minority portrayals in United States culture and communication. Emphasis is on the portrayal of Native Americans, African Americans, Hispanics, and Asian Americans in the mass media.
JOMC441.001	R	DIV & COMM	SOJ	JOMC	School of Journalism and Mass Communication		UGRD	An examination of racial stereotypes and minority portrayals in United States culture and communication. Emphasis is on the portrayal of Native Americans, African Americans, Hispanics, and Asian Americans in the mass media.
JOMC441.01W	R	DIV & COMM	SOJ	JOMC	School of Journalism and Mass Communication		UGRD	An examination of gender as it relates to media producers, subjects, and audiences with a focus on current practices and possibilities for change.
JOMC442.001	R	GENDER AND MASS COMM	SOJ	JOMC	School of Journalism and Mass Communication	JOMC 442/WMST 415.00	UGRD	Mass communication as a social process, incorporating literature from journalism, social psychology, sociology, political science, and history. To acquaint students with factors in message construction, dissemination, and reception by audiences.
JOMC445.001	R	PROC/EFFEC OF MASS COMM	SOJ	JOMC	School of Journalism and Mass Communication		UGRD	Mass communication as a social process, incorporating literature from journalism, social psychology, sociology, political science, and history. To acquaint students with factors in message construction, dissemination, and reception by audiences.
JOMC445.002	R	PROC/EFFEC OF MASS COMM	SOJ	JOMC	School of Journalism and Mass Communication		UGRD	Students conceive, produce, and write a science documentary feature-length story for broadcast on public television.
JOMC562.001	R	SCI DOCUMENTARY	SOJ	JOMC	School of Journalism and Mass Communication	JOMC 562 001/HPM 552 001	UGRD	This course will provide an introduction to Korean studies and examine contemporary issues in Korean society and culture through social and cultural movements, multiple genres of texts, and artistic manifestations.
KOR150.001	R	CONTEMPORARY KOREA	CAS	KOR	Department of Asian Studies		UGRD	Introduction to marine sciences emphasizing physical, chemical, biological, and geological phenomenon in oceanic and coastal environments. Human use of, and impact on, marine resources. (Science majors should take MASC 401.)
MASC101.001	R	MARINE ENVIRONMENT	CAS	MASC	Department of Marine Sciences	MASC101/GEOL103 001	UGRD	Introduction to marine sciences emphasizing physical, chemical, biological, and geological phenomenon in oceanic and coastal environments. Human use of, and impact on, marine resources. (Science majors should take MASC 401.)
MASC101.002	R	MARINE ENVIRONMENT	CAS	MASC	Department of Marine Sciences		UGRD	Students quantify global depletion of energy resources and accompanying environmental degradation, discovering the profound changes in attitudes and behavior required to adjust to diminished fossil fuels and modified climate.
MASC108.001	R	ENERGY & CLIMATE CRISES	CAS	MASC	Department of Marine Sciences	ENST/MASC/GEOL/PHYS/PWAD	UGRD	Natural processes and human impacts on estuarine systems using the Neuse River estuary as a case study. Course includes one week of intensive field work based at the Institute of Marine Sciences. A student may not receive credit for this course after receiving credit for ENST 222.
MASC220.01M	R	NC ESTUARIES	CAS	MASC	Department of Marine Sciences	MASC/ENST 220.001M	UGRD	This course presents an integrated view of our planet, how it evolved during the past, why it has changed (and continues to change) and what makes Earth a habitable planet.
MASC314.001	R	EARTH CHANGING WORLD	CAS	MASC	Department of Marine Sciences		UGRD	Required preparation, major in a natural science or two courses in natural sciences. Studies origin of ocean basins, seawater chemistry and dynamics, biological communities, sedimentary record, and oceanographic history. Term paper. Students lacking science background should see MASC 101. No credit for MASC 401 after receiving credit for MASC 101.
MASC401.001	R	OCEANOGRAPHY	CAS	MASC	Department of Marine Sciences	MASC 401 001/ENVR 417 001	UGRD	Required preparation, major in a natural science or two courses in natural sciences. Studies origin of ocean basins, seawater chemistry and dynamics, biological communities, sedimentary record, and oceanographic history. Term paper. Students lacking science background should see MASC 101. No credit for MASC 401 after receiving credit for MASC 101.
MASC401.002	R	OCEANOGRAPHY	CAS	MASC	Department of Marine Sciences	MASC 401.002/GEOL/BIO/ENVR	UGRD	What are the linkages between rivers and global change? This course examines the hydrological, geological and biogeochemical processes that control material flux from land to the oceans via rivers.
MASC432.001	R	RIVERS AND GLOBAL CHANGE	CAS	MASC	Department of Marine Sciences		UGRD	Prerequisite, BIOL 201 or 475. Survey of the ecological processes that structure marine communities in a range of coastal habitats. Course emphasizes experimental approaches to addressing basic and applied problems in marine systems.
MASC440.001	R	MARINE ECOLOGY	CAS	MASC	Department of Marine Sciences		UGRD	This course introduces students to the physiological, morphological, and behavioral factors employed by marine organisms to cope with their physical environment. Emphasis will be placed on the response of marine organisms to environmental factors such as seawater temperature, light, water salinity, ocean acidification, etc.
MASC441.001	R	MARINE PHYSIOLOGICAL ECOL	CAS	MASC	Department of Marine Sciences		UGRD	Permission of the instructor. For junior and senior science majors or graduate students. Biology of marine photosynthetic protists and cyanobacteria. Phytoplankton evolution, biodiversity, structure, function, biogeochemical cycles and genomics. Harmful algal blooms, commercial products, and climate change. Three lecture/practical session hours per week.
MASC444.001	R	MARINE PHYTOPLANKTON	CAS	MASC	Department of Marine Sciences		UGRD	Graduate students only; undergraduate students should take ENST 222. Introduction to estuarine environments: geomorphology, physical circulation, nutrient loading, primary and secondary production, carbon and nitrogen cycling, benthic processes and sedimentation. Considers human impacts on coastal systems, emphasizing North Carolina estuaries. Three lecture hours and one recitation hour per week. Directed readings, laboratory, and/or field study of marine science topics not covered in scheduled courses.
MASC470.001	R	ESTUARINE SCIENCE	CAS	MASC	Department of Marine Sciences	ENST 222/MASC 470	UGRD	For graduate students; undergraduates need permission of the instructor. Marine ecosystem processes pertaining to the structure, function, and ecological interactions of biological communities; management of biological resources; taxonomy and natural history of pelagic and benthic marine organisms. Three lecture and one recitation hours per week. Two mandatory weekend fieldtrips.
MASC490.002	R	SPEC TOPICS MASC	CAS	MASC	Department of Marine Sciences		UGRD	For graduate students; undergraduates need permission of the instructor. Descriptive oceanography, large-scale wind-driven and thermohaline circulations, ocean dynamics, regional and nearshore/estuarine physical processes, waves, tides. Three lecture and one recitation hour per week.
MASC504.001	R	BIOL OCEANOGRAPHY	CAS	MASC	Department of Marine Sciences	MASC504/ENVR520/BIO/ENVR	UGRD	Modern theories of changing weather, severe weather events, oceanic hazards, interactions between the oceans and atmosphere, and changes that are linked to human activity.
MASC506.001	R	PHYS OCEANOGRAPHY	CAS	MASC	Department of Marine Sciences	MASC506/GEOL 506 001	UGRD	This course provides an opportunity to explore changes in marine and closely linked terrestrial environments caused by the interactions of fascinating oceanographic processes. Introductory presentations and discussions will focus on published works of active marine scientists who combine disciplinary training with knowledge and skills from other fields.
MASC52.001	R	FYS LIVING W/ OCEANS/ATM	CAS	MASC	Department of Marine Sciences		UGRD	Prerequisite, PHYS 301. Permission of the instructor for students lacking the prerequisite. The physical properties of fluids, kinematics, governing equations, viscous incompressible flow, vorticity dynamics, boundary layers, irrotational incompressible flow.
MASC55.001	R	FYS: CHANGE IN COASTAL OCEAN	CAS	MASC	Department of Marine Sciences		UGRD	Is the Earth warming? Predictions are based largely on mathematical models. We shall consider the limitations of models in relation to making predictions. Examples of chaotic behavior will be presented.
MASC560.001	R	FLUID DYNAMICS	CAS	MASC	Department of Marine Sciences		UGRD	Prerequisite, NUTR 400. Permission of the instructor for students lacking the prerequisite. Biologic bases for nutrient requirements and dietary recommendations as they vary throughout the life cycle. Covers the nutritional needs of women during childbearing years, infants, children, and adolescents.
MATH67.001	R	MATH AND CLIMATE CHANGE	CAS	MATH	Department of Mathematics		UGRD	Special topics in maternal health and child health. Content will vary from semester to semester.
MHCH611.001	R	NUTR OF CHLD & MOTHERS	SPH	MHCH	School of Public Health	NUTR 611 001/MHCH 611 001	UGRD	Prerequisite, ECON 310 or 410. An economic analysis of workplace issues, including worker quits, layoffs and unemployment, discrimination and affirmative action, and the setting of pay, fringe benefits, and working conditions. Students may not receive credit for both ECON 380 and 480.
MHCH690.001	R	MHCH SPECIAL TOPICS	SPH	MHCH	School of Public Health		UGRD	Analysis of social structure and stratification in terms of class, status, prestige, and rank. Attention to social roles of elites, professionals, the middle class, and the working class and to comparative topics.
MNGT380.001	R	ECON OF LABOR REL	CAS	MNGT	Department of Sociology	ECON 380 001/MNGT 380 001	UGRD	Analysis of social structure and stratification in terms of class, status, prestige, and rank. Attention to social roles of elites, professionals, the middle class, and the working class and to comparative topics.
MNGT412.001	R	SOCIAL STRAT	CAS	MNGT	Department of Sociology	SOCI 412/MNGT 412 001	UGRD	Examination of the structure and operation of institutions where economy and society intersect and interact, such as education, industrial organizations, on-the-job training, labor markets, and professional associations. Emphasis on the contemporary United States, with selected comparisons with Western Europe and Japan.
MNGT412.002	R	SOCIAL STRAT	CAS	MNGT	Department of Sociology	SOCI/MNGT 412.002	UGRD	
MNGT415.001	R	ECONOMY AND SOCIETY	CAS	MNGT	Department of Sociology	SOCI 415/MNGT 415 001	UGRD	

MNGT415.002	R	ECONOMY AND SOCIETY	CAS	MNGT	Department of Sociology	SOCI 415/MNGT 415 002	UGRD	Examination of the structure and operation of institutions where economy and society intersect and interact, such as education, industrial organizations, on-the-job training, labor markets, and professional associations. Emphasis on the contemporary United States, with selected comparisons with Western Europe and Japan.
MNGT427.001	R	THE LABOR FORCE	CAS	MNGT	Department of Sociology	SOCI 427/MNGT 427 001	UGRD	Supply and characteristics of labor and of jobs, including industrial and occupation changes, education and mobility of labor, and changing demography of the workforce.
MNGT427.002	R	THE LABOR FORCE	CAS	MNGT	Department of Sociology	SOCI/MNGT 427.002	UGRD	Supply and characteristics of labor and of jobs, including industrial and occupation changes, education and mobility of labor, and changing demography of the workforce.
MUSC89.001	R	FYS: SPECIAL TOPICS	CAS	MUSC	Department of Music		UGRD	Special topics course. Content will vary each semester.
MUSC89.002	R	FYS: SPECIAL TOPICS	CAS	MUSC	Department of Music		UGRD	Special topics course. Content will vary each semester.
NURS470.001	R	PUBLIC HLTH NRSNG	SON	NURS	School of Nursing		UGRD	Prerequisites, NURS 364 and 371. Corequisites, NURS 472, 477, or 479. Majors only. Students apply public health concepts to community practice to improve health and reduce disparities across the lifespan, emphasizing interventions using partnership strategies at individual/family, organizational, and policy levels.
NURS470.002	R	PUBLIC HLTH NRSNG	SON	NURS	School of Nursing		UGRD	Prerequisites, NURS 364 and 371. Corequisites, NURS 472, 477, or 479. Majors only. Students apply public health concepts to community practice to improve health and reduce disparities across the lifespan, emphasizing interventions using partnership strategies at individual/family, organizational, and policy levels.
NURS596.965	R	CONTP ISS NSG PRAC	SON	NURS	School of Nursing		UGRD	Majors only. The context of professional nursing practice will be analyzed from a social, economic, and policy perspective. Analysis will include projections for the future of the profession.
NURS609.001	R	HLTH CARE GLOBAL CONTEXT	SON	NURS	School of Nursing		UGRD	Majors only or permission of the instructor. A faculty led experiential learning opportunity focusing on development and knowledge related to research, health care systems, or service learning and its application to nursing and health care.
NURS609.002	R	HLTH CARE GLOBAL CONTEXT	SON	NURS	School of Nursing		UGRD	Majors only or permission of the instructor. A faculty led experiential learning opportunity focusing on development and knowledge related to research, health care systems, or service learning and its application to nursing and health care.
NURS609.003	R	HLTH CARE GLOBAL CONTEXT	SON	NURS	School of Nursing		UGRD	Majors only or permission of the instructor. A faculty led experiential learning opportunity focusing on development and knowledge related to research, health care systems, or service learning and its application to nursing and health care.
NURS646.001	R	HEALTH CARE POLICY	SON	NURS	School of Nursing		UGRD	This course examines health care policy development, impacts, and prospects for change. Content enables nurses to draw implications for nursing practice and advocacy for improving systems.
NUTR240.001	R	INTRO HUM NUTR	SPH	NUTR	Gillings School of Global Public Health		UGRD	Prerequisites, BIOL 101/101L and CHEM 102/102L. Relationships of human nutrition to health and disease. Integration of biology, chemistry, and social sciences as related to human function. Nutrient composition of foods and safety of the food supply.
NUTR611.001	R	NUTR OF CHLD & MOTHERS	SPH	NUTR	Gillings School of Global Public Health	NUTR 611 001/MHCH 611 001	UGRD	Prerequisite, NUTR 400. Permission of the instructor for students lacking the prerequisite. Biologic bases for nutrient requirements and dietary recommendations as they vary throughout the life cycle. Covers the nutritional needs of women during childbearing years, infants, children, and adolescents.
NUTR660.001	R	FOOD SERV SYS MGMT	SPH	NUTR	Gillings School of Global Public Health		UGRD	Permission of the instructor for nonmajors. Basic concepts of institutional food service systems management applied to small and medium-sized health care facilities in the community.
PHCY607I.001	R	AGING & PUBLIC POLICY	SOP	PHCY	Eshelman School of Pharmacy		UGRD	Prerequisite, SOWO 530. Students learn of social service, health, and income policy with the aged. Issues pertaining to informal support systems and disadvantaged groups are explored in the context of aging policy.
PHCY607I.961E	R	AGING & PUBLIC POLICY	SOP	PHCY	Eshelman School of Pharmacy	SOWO/PHCY 607I.001	UGRD	Prerequisite, SOWO 530. Students learn of social service, health, and income policy with the aged. Issues pertaining to informal support systems and disadvantaged groups are explored in the context of aging policy.
PHIL163.001	R	PRACTICAL ETHICS	CAS	PHIL	Department of Philosophy		UGRD	Topics may include war, medical ethics, media ethics, sexual ethics, business ethics, racism, sexism, capital punishment, and the environment.
PHIL163.002	R	PRACTICAL ETHICS	CAS	PHIL	Department of Philosophy		UGRD	Topics may include war, medical ethics, media ethics, sexual ethics, business ethics, racism, sexism, capital punishment, and the environment.
PHIL165.001	R	BIOETHICS	CAS	PHIL	Department of Philosophy		UGRD	An examination of ethical issues in the life sciences and technologies, medicine, public health, and/or human interaction with nonhuman animals or the living environment.
PHIL165.002	R	BIOETHICS	CAS	PHIL	Department of Philosophy		UGRD	An examination of ethical issues in the life sciences and technologies, medicine, public health, and/or human interaction with nonhuman animals or the living environment.
PHIL165.003	R	BIOETHICS	CAS	PHIL	Department of Philosophy		UGRD	An examination of ethical issues in the life sciences and technologies, medicine, public health, and/or human interaction with nonhuman animals or the living environment.
PHIL165.851	R	BIOETHICS	CAS	PHIL	Department of Philosophy		UGRD	An examination of ethical issues in the life sciences and technologies, medicine, public health, and/or human interaction with nonhuman animals or the living environment.
PHIL165.951	R	BIOETHICS	CAS	PHIL	Department of Philosophy		UGRD	An examination of ethical issues in the life sciences and technologies, medicine, public health, and/or human interaction with nonhuman animals or the living environment.
PHIL165.990	R	BIOETHICS	CAS	PHIL	Department of Philosophy	PHIL 165 - 990/991/992	UGRD	An examination of ethical issues in the life sciences and technologies, medicine, public health, and/or human interaction with nonhuman animals or the living environment.
PHIL165.991	R	BIOETHICS	CAS	PHIL	Department of Philosophy	PHIL 165 - 990/991/992	UGRD	An examination of ethical issues in the life sciences and technologies, medicine, public health, and/or human interaction with nonhuman animals or the living environment.
PHIL165.992	R	BIOETHICS	CAS	PHIL	Department of Philosophy	Phil 165/990	UGRD	An examination of ethical issues in the life sciences and technologies, medicine, public health, and/or human interaction with nonhuman animals or the living environment.
PHIL165.993	R	BIOETHICS	CAS	PHIL	Department of Philosophy	PHIL 165 - 993/994	UGRD	An examination of ethical issues in the life sciences and technologies, medicine, public health, and/or human interaction with nonhuman animals or the living environment.
PHIL165.994	R	BIOETHICS	CAS	PHIL	Department of Philosophy	PHIL 165 - 993/994	UGRD	An examination of ethical issues in the life sciences and technologies, medicine, public health, and/or human interaction with nonhuman animals or the living environment.
PHIL273.001	R	SOCIAL JUSTICE	CAS	PHIL	Department of Philosophy		UGRD	This course will focus on justice and the common good, applying theoretical justifications to contemporary social and economic issues. Readings will include classical and contemporary literature on the nature of justice and rights.
PHIL273.002	R	SOCIAL JUSTICE	CAS	PHIL	Department of Philosophy		UGRD	This course will focus on justice and the common good, applying theoretical justifications to contemporary social and economic issues. Readings will include classical and contemporary literature on the nature of justice and rights.
PHIL364.001	R	ETHICS AND ECONOMICS	CAS	PHIL	Department of Philosophy		UGRD	Recommended preparation, at least one course in ethics (PHIL 160, 163, or 170) or one course in economics. Issues at the intersection of ethics and economics, including value; the relation between values and preferences; rationality; the relevance to economics of rights, justice, and the value of human life.
PHIL368.001	R	ENVIRONMENTAL ETHICS	CAS	PHIL	Department of Philosophy	PHIL/ENST 368	UGRD	The meaning of environmental values and their relation to other values; the ethical status of animals, species, wilderness, and ecosystems; the built environment; environmental justice; ecofeminism; obligations to future generations.
PHIL390.001	R	SELECTED TOPICS	CAS	PHIL	Department of Philosophy		UGRD	Intensive exploration and discussion of selected topics in philosophy.
PHIL473.001	R	AMERICAN POLITICAL PHIL	CAS	PHIL	Department of Philosophy		UGRD	One course in philosophy other than PHIL 155 strongly recommended. Juniors and seniors only. The issue of unity and diversity in America analyzed through the writings of Jefferson, the Federalists and Anti-Federalists, Calhoun, MacKinnon, DuBois, and Rawls.
PHNU423.956	R	INDUSTRIAL TOXICOL	SPH	PHNU	School of Public Health		UGRD	Toxicological assessment of and a case presentation of related exposure is given. A conceptual approach is utilized to design appropriate programs to prevent worker ill health due to toxicant exposure
PHNU423.965	R	INDUSTRIAL TOXICOL	SPH	PHNU	School of Public Health		UGRD	Toxicological assessment of and a case presentation of related exposure is given. A conceptual approach is utilized to design appropriate programs to prevent worker ill health due to toxicant exposure
PHNU423.970	R	INDUSTRIAL TOXICOL	SPH	PHNU	School of Public Health		UGRD	Toxicological assessment of and a case presentation of related exposure is given. A conceptual approach is utilized to design appropriate programs to prevent worker ill health due to toxicant exposure
PHYS108.001	R	ENERGY & CLIMATE CRISES	CAS	PHYS	Department of Physics and Astronomy	ENST/MASC/GEOL/PHYS/PWAD	UGRD	Students quantify global depletion of energy resources and accompanying environmental degradation, discovering the profound changes in attitudes and behavior required to adjust to diminished fossil fuels and modified climate.
PLAN247.001	R	SOLVING URBAN PROBLEMS	CAS	PLAN	Department of City and Regional Planning		UGRD	Introduction to methods used for solving urban problems. Covers methods employed in subfields of planning to develop an ability to critically evaluate different techniques and approaches used within these disciplines.
PLAN52.001	R	FYS RACE/SEX/PLACE AMERI	CAS	PLAN	Department of City and Regional Planning		UGRD	This first-year seminar will expose students to the complex dynamics of race, ethnicity, and gender and how these have shaped the American city since 1945.
PLAN53.001	R	CHANGING AMERICAN JOB	CAS	PLAN	Department of City and Regional Planning		UGRD	Explores the changing nature of the American job and the transformative forces from global trade and outsourcing to corporate restructuring and new skill demands that have influenced this change.
PLAN54.001	R	FYS REDEVELOPMENT OF NC	CAS	PLAN	Department of City and Regional Planning		UGRD	The seminar seeks to understand the current realities of North Carolina's inner-city communities in the context of their historical evolution and the current proposals for revitalization. Each student selects one city or town for a case study.
PLAN585.001	R	AMER ENVR PLCY	CAS	PLAN	Department of City and Regional Planning	ENVR PLCY ENST PLAN 585-001	UGRD	Intensive introduction to environmental management and policy, including environmental and health risks, policy institutions, processes, and instruments, policy analysis, and major elements of American environmental policy. Lectures and case studies. Three lecture hours per week.
PLAN590.002	R	SPECIAL TOPICS SEMINAR	CAS	PLAN	Department of City and Regional Planning		UGRD	Original research, fieldwork, readings, or discussion of selected planning issues under guidance of a member of the faculty.

PLAN591.001	R	ADV GIS	CAS	PLAN	Department of City and Regional Planning		UGRD	Prerequisite, GEOG 370 or 491. Applied issues in the use of geographic information systems in terrain analysis, medical geography, biophysical analysis, and population geography.
PLAN651.001	R	URBAN DESIGN	CAS	PLAN	Department of City and Regional Planning		UGRD	Lecture course on comparative urbanism and the global evolution of the city form. Examines values and ideals embedded in urban landscapes, seeking to understand how social, economic, and political forces have influenced the development of cities through history. Permission of the instructor. Seminar on policy and planning approaches for providing improved community water and sanitation services in developed countries. Topics include the choice of appropriate technology and level of service, pricing, metering, and connection charges; cost recovery and targeting subsidies to the poor; water venting; community participation in the management and operation of water systems; and rent-seeking behavior in the provision of water supplies.
PLAN685.001	R	WATER POLICY IN LDC	CAS	PLAN	Department of City and Regional Planning	ENVR 685/PLAN 685	UGRD	Prerequisite, ECON 410 or PLAN 710. Design of public policy instruments as incentives for sustainable management of environmental resources and ecosystems, and comparison of the effects and effectiveness of alternative policies.
PLAN686.001	R	ENVR POLICY INSTRUMENTS	CAS	PLAN	Department of City and Regional Planning	PLCY/ENST/ENVR/PLAN 686.001	UGRD	Overview of the policymaking process and of major public policy issues. Study of policy and political challenges in areas such as economic and tax policy, the social safety net, income support and the minimum wage, health care, education, environment and energy, foreign policy and national security, and homeland security.
PLCY101.001	R	MAKING PUBLIC POLICY	CAS	PLCY	Department of Public Policy	PLCY 101/PWAD 101 001	UGRD	Overview of the policymaking process and of major public policy issues. Study of policy and political challenges in areas such as economic and tax policy, the social safety net, income support and the minimum wage, health care, education, environment and energy, foreign policy and national security, and homeland security.
PLCY101.002	R	MAKING PUBLIC POLICY	CAS	PLCY	Department of Public Policy	PLCY101/PWAD101/PLCY101H	UGRD	Overview of the policymaking process and of major public policy issues. Study of policy and political challenges in areas such as economic and tax policy, the social safety net, income support and the minimum wage, health care, education, environment and energy, foreign policy and national security, and homeland security.
PLCY101.01M	R	MAKING PUBLIC POLICY	CAS	PLCY	Department of Public Policy	PLCY/PWAD 101.001	UGRD	Students will develop a working knowledge of the foundational theories of the public policy discipline and the integral institutions of public policy. Incorporates current substantive issues in the United States and international policy. Students will explore, summarize, and evaluate alternative policy solutions.
PLCY210.001	R	POLICY INNOV & ANALYSIS	CAS	PLCY	Department of Public Policy	PLCY 210 001/PWAD 201 001	UGRD	Students will develop a working knowledge of the foundational theories of the public policy discipline and the integral institutions of public policy. Incorporates current substantive issues in the United States and international policy. Students will explore, summarize, and evaluate alternative policy solutions.
PLCY210.002	R	POLICY INNOV & ANALYSIS	CAS	PLCY	Department of Public Policy	PLCY 210 002/PWAD 201 002	UGRD	Students will develop a working knowledge of the foundational theories of the public policy discipline and the integral institutions of public policy. Incorporates current substantive issues in the United States and international policy. Students will explore, summarize, and evaluate alternative policy solutions.
PLCY210.003	R	POLICY INNOV & ANALYSIS	CAS	PLCY	Department of Public Policy	PLCY 210 003/PWAD 201 003	UGRD	Examines approaches to American politics and public policy and analyzes why government responds to problems in predictable ways.
PLCY220.001	R	POLITICS/PUBLIC POLICY	CAS	PLCY	Department of Public Policy	PLCY 220/PWAD 220 001	UGRD	Examines approaches to American politics and public policy and analyzes why government responds to problems in predictable ways.
PLCY220.002	R	POLITICS/PUBLIC POLICY	CAS	PLCY	Department of Public Policy		UGRD	Examines students' knowledge and understanding of social entrepreneurship as an innovative approach to addressing complex social needs. Affords students the opportunity to engage in a business planning exercise designed to assist them in establishing and launching a social purpose entrepreneurial venture.
PLCY326.001	R	SOCIAL VENTURES	CAS	PLCY	Department of Public Policy		UGRD	This seminar explores arguments about moral issues in public policy. Students examine both the means used to implement policies and policy ends through discussions of case studies of policy choice.
PLCY340.001	R	JUSTICE IN PUBLIC POLICY	CAS	PLCY	Department of Public Policy		UGRD	Selected topics in public policy.
PLCY399.001	R	SELECTED TOPICS PUB POL	CAS	PLCY	Department of Public Policy		UGRD	Rapid recent globalization raises important public policy issues concerning impacts on the environment, labor, and communities. The seminar provides an opportunity to explore the implications of living in an increasingly global economy and the ethical and policy issues that these trends pose.
PLCY50.001	R	FYS ENV/LABR GLOBAL/ECON	CAS	PLCY	Department of Public Policy		UGRD	Prerequisite, ECON 310 or 410, or PLCY 410 or 788. This course provides a foundation in public finance theory and applications. Students learn to analyze taxation policies and expenditures on income redistribution, programs for the poor (e.g., TANF), and social insurance programs (e.g., Social Security).
PLCY527.001	R	PUBLIC FINANCE FOR POLICY	CAS	PLCY	Department of Public Policy		UGRD	Reviews current debates and policy solutions in education. Topics analyzed through three of the most commonly used evaluative criteria: equity, efficiency, and effectiveness. Topics: equality of educational opportunity, racial segregation, the black-white test score gap, school choice, and the use of incentives to promote increased performance. Lecture, case studies, discussion.
PLCY530.001	R	EDUC PROBS/PLCY SOLUTION	CAS	PLCY	Department of Public Policy		UGRD	Coursework will focus on public policy approaches to global health, employing interdisciplinary methodologies to understand selected public health policies, programs, and interventions. For students who have a basic understanding public health.
PLCY565.001	R	GLOBAL HEALTH POLICY	CAS	PLCY	Department of Public Policy		UGRD	Course focuses on rights-based approaches to health, applying a human rights perspective to selected public health policies, programs, and interventions. Students will apply a formalistic human rights framework to critical public health issues, exploring human rights as both a safeguard against harm and a catalyst for health promotion.
PLCY570.001	R	HEALTH AND HUMAN RIGHTS	CAS	PLCY	Department of Public Policy		UGRD	Course focuses on rights-based approaches to health, applying a human rights perspective to selected public health policies, programs, and interventions. Students will apply a formalistic human rights framework to critical public health issues, exploring human rights as both a safeguard against harm and a catalyst for health promotion.
PLCY570.975	R	HEALTH AND HUMAN RIGHTS	CAS	PLCY	Department of Public Policy		UGRD	Introduction to analysis of science policy. Course explores how events transformed science's role in American life and how science relates to industry and economic development. Topics include the mechanisms of allocating scientific resources, the commercialization of academic discoveries, regulating emerging technology, and achieving consensus on controversial scientific issues.
PLCY575.001	R	SCIENCE & PUBLIC POLICY	CAS	PLCY	Department of Public Policy		UGRD	An introduction to some of the sectors within which social change work occurs: education, healthcare, local policy, philanthropy, and non-profit direct-service. Students will learn the fundamental systems of governance and accountability that guide them, and the opportunities or barriers that motivate and de-motivate people working within them.
PLCY580.001	R	IMPLEMENTING CHANGE	CAS	PLCY	Department of Public Policy		UGRD	Intensive introduction to environmental management and policy, including environmental and health risks, policy institutions, processes, and instruments, policy analysis, and major elements of American environmental policy. Lectures and case studies. Three lecture hours per week.
PLCY585.001	R	AMER ENVR PLCY	CAS	PLCY	Department of Public Policy	ENVR PLCY ENST PLAN 585-001	UGRD	This seminar will define a policy entrepreneur and examine strategies used by policy entrepreneurs to achieve policy change or innovation in the policy making process. We will also explore models of innovative public-private partnerships in the delivery of public goods.
PLCY61.001	R	POLICY ENTREPRENEURSHIP	CAS	PLCY	Department of Public Policy		UGRD	Special topics course. Content will vary each semester.
PLCY89.002	R	FYS:SPECIAL TOPICS	CAS	PLCY	Department of Public Policy		UGRD	The analysis of politics among nations.
POLI150.001	R	INTERN REL WRLD POL	CAS	POLI	Department of Political Science	POLI 150 001/PWAD 150 001	UGRD	The analysis of politics among nations.
POLI150.002	R	INTERN REL WRLD POL	CAS	POLI	Department of Political Science		UGRD	The analysis of politics among nations.
POLI150.003	R	INTERN REL WRLD POL	CAS	POLI	Department of Political Science	POLI/PWAD 150.003	UGRD	The analysis of politics among nations.
POLI150.990	R	INTERN REL WRLD POL	CAS	POLI	Department of Political Science	poli 150	UGRD	The analysis of politics among nations.
POLI150.991	R	INTERN REL WRLD POL	CAS	POLI	Department of Political Science	poli 150	UGRD	The analysis of politics among nations.
POLI150.992	R	INTERN REL WRLD POL	CAS	POLI	Department of Political Science	poli 150	UGRD	The analysis of politics among nations.
POLI195.003	R	UNDERGRAD SEMINAR	CAS	POLI	Department of Political Science		UGRD	A detailed examination of selected topics in the field of political science.
POLI206.001	R	ETH, MOR,LIB, & LAW	CAS	POLI	Department of Political Science		UGRD	This course introduces students to moral and ethical issues that arise when individual rights conflict with the law and the central role race plays in American society's response.
POLI210.001	R	GLOBAL ISSUES	CAS	POLI	Department of Political Science	INTS HIST POLI ANTH GEOG 210	UGRD	Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of 20th-century conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.
POLI217.001	R	WOMEN AND POLITICS	CAS	POLI	Department of Political Science		UGRD	A comparison of men and women as political actors at the mass and elite level in America. Topics considered include the "gender gap," the women's movement, abortion, and the Equal Rights Amendment.
POLI217.01M	R	WOMEN AND POLITICS	CAS	POLI	Department of Political Science	POLI/WMST 217.01M	UGRD	A comparison of men and women as political actors at the mass and elite level in America. Topics considered include the "gender gap," the women's movement, abortion, and the Equal Rights Amendment.
POLI236.001	R	POL EAST-CENT EUR	CAS	POLI	Department of Political Science		UGRD	Examines contemporary politics in east-central Europe by looking at the communist period, the 1989 revolutions, and the political, economic, and social transformations underway in the area.
POLI252.001	R	INTER ORG GLOB ISS	CAS	POLI	Department of Political Science		UGRD	Examines international organizations and their relationships with and impact upon international politics, international law, and selected global issues.
POLI252.002	R	INTER ORG GLOB ISS	CAS	POLI	Department of Political Science		UGRD	Examines international organizations and their relationships with and impact upon international politics, international law, and selected global issues.
POLI253.001	R	PROBLMS IN WRLD ORD	CAS	POLI	Department of Political Science	POLI 253/PWAD 253	UGRD	An examination of selected topics in international relations, such as security and defense, international integration, and north-south relations.
POLI260.001	R	CRISIS & CHG RUS & E EUR	CAS	POLI	Department of Political Science	RUES 260/PWAD/POLI/SOCI -260	UGRD	Draws on historical, political, economic, and sociological perspectives to analyze social, cultural, and institutional change.

POLI276.001	R	MAJ ISS POL THEORY	CAS	POLI	Department of Political Science		UGRD	An examination of major issues in political thought, including equality; obedience; violence and nonviolence; justice; forms of social, economic, and political life; liberty; and human nature and politics.
POLI276.002	R	MAJ ISS POL THEORY	CAS	POLI	Department of Political Science		UGRD	An examination of major issues in political thought, including equality; obedience; violence and nonviolence; justice; forms of social, economic, and political life; liberty; and human nature and politics.
POLI276.990	R	MAJ ISS POL THEORY	CAS	POLI	Department of Political Science	Poli276/990	UGRD	An examination of major issues in political thought, including equality; obedience; violence and nonviolence; justice; forms of social, economic, and political life; liberty; and human nature and politics.
POLI276.991	R	MAJ ISS POL THEORY	CAS	POLI	Department of Political Science	Poli276/990	UGRD	An examination of major issues in political thought, including equality; obedience; violence and nonviolence; justice; forms of social, economic, and political life; liberty; and human nature and politics.
POLI432.001	R	COMPARATIVE TOLERANCE	CAS	POLI	Department of Political Science		UGRD	This course will compare the theory and practice of tolerance in the United States and Europe, with particular attention to Great Britain and France.
POLI432.01M	R	COMPARATIVE TOLERANCE	CAS	POLI	Department of Political Science		UGRD	This course will compare the theory and practice of tolerance in the United States and Europe, with particular attention to Great Britain and France.
POLI442.001	R	INTL POL ECONOMY	CAS	POLI	Department of Political Science	POLI 442/EURO 442	UGRD	Prerequisites, ECON 101 and POLI 150. Theories of international political economy, major trends in international economic relations, selected contemporary policy issues.
POLI55.001	R	FYS DEMOC & CIVIC IDEAL	CAS	POLI	Department of Political Science		UGRD	This course examines the emergence of the increasingly diverse and divided ethnic and racial compositions.
POLI58.001	R	FYS: GLOB PROD/WORKERS	CAS	POLI	Department of Political Science		UGRD	This course explores the politics of economic globalization, with a focus on the relationships among trade, multinational corporations, and workers' rights.
POLI63.001	R	FYS SOC MVMNTS/POLI PROT	CAS	POLI	Department of Political Science		UGRD	Unconventional collective political behavior: mass movements, riots, demonstrations, revolts, and revolution.
POLI72.001	R	FYS: ENTREPRENEUR IN EC DEV	CAS	POLI	Department of Political Science		UGRD	This is a survey course of entrepreneurial strategies as they are used in community and economic development. It involves an individual research or service project by each student.
POLI73.001	R	POLITICS & ANIMAL LIFE	CAS	POLI	Department of Political Science		UGRD	Humans and animals have always lived together. Increasingly, philosophers question the exclusion of animals from political life. We explore their centrality to political thought and consider important aspects of human-animal relationships today. Finally, we reexamine the claim that animal life is incongruent with political life.
PSYC565.001	R	STEREOTYPING	CAS	PSYC	Department of Psychology		UGRD	Prerequisites, PSYC 101 and 260, and 210 or 215. PSYC 270 recommended. Examines the determinants, functions, processes, and consequences of stereotyping, prejudice, and discrimination. Prospects for change are considered. Class presentations and participation required.
PSYC566.001	R	ATTITUDE CHANGE	CAS	PSYC	Department of Psychology		UGRD	Prerequisites, PSYC 101 and 260, and 210 or 215. A detailed consideration of the theoretical issues in attitude and belief change.
PUBH420.001	R	AIDS: PRINC & POLI	SPH	PUBH	Gillings School of Global Public Health		UGRD	Elective course jointly given by the schools of Dentistry, Public Health, Nursing, Pharmacy, and Medicine, designed to provide a multifaceted understanding of social, clinical, and biological aspects of the AIDS epidemic.
PUBH420.002	R	AIDS: PRINC & POLI	SPH	PUBH	Gillings School of Global Public Health		UGRD	Elective course jointly given by the schools of Dentistry, Public Health, Nursing, Pharmacy, and Medicine, designed to provide a multifaceted understanding of social, clinical, and biological aspects of the AIDS epidemic.
PUBH420.01W	R	AIDS: PRINC & POLI	SPH	PUBH	Gillings School of Global Public Health		UGRD	Elective course jointly given by the schools of Dentistry, Public Health, Nursing, Pharmacy, and Medicine, designed to provide a multifaceted understanding of social, clinical, and biological aspects of the AIDS epidemic.
PUBH500.001	R	GLOB HEALTH DISCUSS SERIES	SPH	PUBH	Gillings School of Global Public Health		UGRD	Provides opportunities for students to get to know each other through an exchange and discussion. Students exchange points of view with globally experienced faculty at UNC-Chapel Hill.
PUBH500.965	R	GLOB HEALTH DISCUSS SERIES	SPH	PUBH	Gillings School of Global Public Health		UGRD	Provides opportunities for students to get to know each other through an exchange and discussion. Students exchange points of view with globally experienced faculty at UNC-Chapel Hill.
PUBH600.001	R	HEALTH CARE IN US	SPH	PUBH	Gillings School of Global Public Health		UGRD	An introduction to the fundamental organization, behavior, financing, and challenges of the health system of the United States. The course treats the entire edifice of American health care as "the American health system," and intends to examine it in toto, including by comparing it to other national health systems, and in part, by examining critical components of the system.
PUBH600.975	R	HEALTH CARE IN US	SPH	PUBH	Gillings School of Global Public Health		UGRD	An introduction to the fundamental organization, behavior, financing, and challenges of the health system of the United States. The course treats the entire edifice of American health care as "the American health system," and intends to examine it in toto, including by comparing it to other national health systems, and in part, by examining critical components of the system.
PUBH690.008	R	SPECIAL STUDIES	SPH	PUBH	Gillings School of Global Public Health		UGRD	Permission of the instructor. Sections will focus on specific topics of current interest to health workers. Fliers describing the section offering will be distributed prior to registration each semester. Lecture hours per week dependent upon credit.
PWAD101.001	R	MAKING PUBLIC POLICY	CAS	PWAD	Curriculum in Peace War and Defense	PLCY 101/PWAD 101 001	UGRD	Overview of the policymaking process and of major public policy issues. Study of policy and political challenges in areas such as economic and tax policy, the social safety net, income support and the minimum wage, health care, education, environment and energy, foreign policy and national security, and homeland security.
PWAD101.01M	R	MAKING PUBLIC POLICY	CAS	PWAD	Curriculum in Peace War and Defense	PLCY/PWAD 101.001	UGRD	Overview of the policymaking process and of major public policy issues. Study of policy and political challenges in areas such as economic and tax policy, the social safety net, income support and the minimum wage, health care, education, environment and energy, foreign policy and national security, and homeland security.
PWAD108.001	R	ENERGY & CLIMATE CRISES	CAS	PWAD	Curriculum in Peace War and Defense	ENST/MASC/GEOL/PHYS/PWAD	UGRD	Students quantify global depletion of energy resources and accompanying environmental degradation, hence discovering the profound changes in attitudes and behavior required to adjust to diminished fossil fuels and modified climate.
PWAD120.001	R	WORLD REGIONAL GEOG	CAS	PWAD	Curriculum in Peace War and Defense	GEOG 120 001/PWAD 120 001	UGRD	A survey of the geographic structure of human activity in major world regions and nations. Emphasizes current developments related to population, urbanization, and economic activity. (Core)
PWAD120.002	R	WORLD REGIONAL GEOG	CAS	PWAD	Curriculum in Peace War and Defense	GEOG 120 002/PWAD 120 002	UGRD	A survey of the geographic structure of human activity in major world regions and nations. Emphasizes current developments related to population, urbanization, and economic activity. (Core)
PWAD150.001	R	INTERN REL WRLD POL	CAS	PWAD	Curriculum in Peace War and Defense	POLI 150 001/PWAD 150 001	UGRD	The analysis of politics among nations.
PWAD150.002	R	INTERN REL WRLD POL	CAS	PWAD	Curriculum in Peace War and Defense	POLI/PWAD 150.002	UGRD	The analysis of politics among nations.
PWAD150.003	R	INTERN REL WRLD POL	CAS	PWAD	Curriculum in Peace War and Defense	POLI/PWAD 150.003	UGRD	The analysis of politics among nations.
PWAD201.001	R	INTRO TO PUBLIC POLICY	CAS	PWAD	Curriculum in Peace War and Defense	PLCY 210 001/PWAD 201 001	UGRD	Introduction to the elements of policy analysis by citizens, including definition of problems, criteria, alternatives, models, decision procedures, and political feasibility. Illustrated by case studies.
PWAD201.002	R	INTRO TO PUBLIC POLICY	CAS	PWAD	Curriculum in Peace War and Defense	PLCY 210 002/PWAD 201 002	UGRD	Introduction to the elements of policy analysis by citizens, including definition of problems, criteria, alternatives, models, decision procedures, and political feasibility. Illustrated by case studies.
PWAD201.003	R	INTRO TO PUBLIC POLICY	CAS	PWAD	Curriculum in Peace War and Defense	PLCY 210 003/PWAD 201 003	UGRD	Introduction to the elements of policy analysis by citizens, including definition of problems, criteria, alternatives, models, decision procedures, and political feasibility. Illustrated by case studies.
PWAD220.001	R	POLITICS/PUBLIC POLICY	CAS	PWAD	Curriculum in Peace War and Defense	PLCY 220/PWAD 220 001	UGRD	Examines approaches to American politics and public policy and analyzes why government responds to problems in predictable ways.
PWAD220.002	R	POLITICS/PUBLIC POLICY	CAS	PWAD	Curriculum in Peace War and Defense	PLCY/PWAD 220.002	UGRD	Examines approaches to American politics and public policy and analyzes why government responds to problems in predictable ways.
PWAD252.001	R	INTER ORG GLOB ISS	CAS	PWAD	Curriculum in Peace War and Defense	POLI 252/PWAD 252	UGRD	Examines international organizations and their relationships with and impact upon international politics, international law, and selected global issues.
PWAD253.001	R	PROBLMS IN WRLD ORD	CAS	PWAD	Curriculum in Peace War and Defense	POLI 253/PWAD 253	UGRD	An examination of selected topics in international relations, such as security and defense, international integration, and north-south relations.
PWAD260.001	R	CRISIS & CHG RUS & E EUR	CAS	PWAD	Curriculum in Peace War and Defense	RUES 260/PWAD/POLI/SOCI -260	UGRD	Draws on historical, political, economic, and sociological perspectives to analyze social, cultural, and institutional change.
PWAD280.006	R	ANTH OF WAR AND PEACE	CAS	PWAD	Curriculum in Peace War and Defense	ANTH 280/ PWAD 280.006	UGRD	Cross-cultural perspectives on war in its relation to society, including Western and non-Western examples. Surveys political, economic, and cultural approaches to warfare and peacemaking.
PWAD453.001	R	POLITICAL GEOGRAPHY	CAS	PWAD	Curriculum in Peace War and Defense	GEOG 453 001/PWAD 453 001	UGRD	The geography of politics is explored at the global, the nation-state, and the local scale in separate course units, but the interconnections between these geographical scales are emphasized throughout. (GHA)
PWAD460.001	R	INTERNATIONAL ECON	CAS	PWAD	Curriculum in Peace War and Defense	ECON 460 001/PWAD 460/EURO 460	UGRD	Prerequisite, ECON 410. An introduction to international trade, the balance of payments, and related issues of foreign economic policy.
PWAD460.002	R	INTERNATIONAL ECON	CAS	PWAD	Curriculum in Peace War and Defense	ECON 460 002/PWAD 460/EURO 460	UGRD	Prerequisite, ECON 410. An introduction to international trade, the balance of payments, and related issues of foreign economic policy.
PWAD460.003	R	INTERNATIONAL ECON	CAS	PWAD	Curriculum in Peace War and Defense	Econ/Euro/Pwad 460 003	UGRD	Prerequisite, ECON 410. An introduction to international trade, the balance of payments, and related issues of foreign economic policy.
PWAD520.001	R	SOUTHERN AFRICA	CAS	PWAD	Curriculum in Peace War and Defense	AFRI 520/PWAD 520 001	UGRD	Prerequisite, AFRI 101 or equivalent. Study of the history, politics, and economic development of southern Africa in the 20th century.
RELI438.001	R	RELI NATURE ENVIRONMENT	CAS	RELI	Department of Religious Studies		UGRD	A seminar on concepts of nature within religions and a variety of world-wide spiritual traditions. Emphasis on sacred space, place, and pilgrimage as a vital intersection of religion and nature.
ROML57.001	R	FYS NATR IN LATN AMR LIT	CAS	ROML	Department of Romance Languages and Literatures		UGRD	Using translated masterpieces, the course explores such topics as indigenous ecology and Native Americans' survival, race, development and the destruction of the environment, gender roles, and nature as female.
ROML60.001	R	FYS SPAN & ESHIP	CAS	ROML	Department of Romance Languages and Literatures		UGRD	Students study Spanish language and Latino cultures through the lens of social entrepreneurship, a process of opportunity recognition, resource gathering, and value creation that brings sustainability to a social mission.
RUES260.001	R	CRISIS & CHG RUS & E EUR	CAS	RUES	Curriculum in Russian and East European Area Studies	RUES 260/PWAD/POLI/SOCI -260	UGRD	Draws on historical, political, economic, and sociological perspectives to analyze social, cultural, and institutional change.
SOCI101.001	R	SOC PERSPECTIVES	CAS	SOCI	Department of Sociology		UGRD	Introduction to sociology as a discipline that includes study of differences and equality, social structure and institutions, culture, social change, individuals and populations, and social psychology.

SOCI101.002	R	SOC PERSPECTIVES	CAS	SOCI	Department of Sociology		UGRD	Introduction to sociology as a discipline that includes study of differences and equality, social structure and institutions, culture, social change, individuals and populations, and social psychology.
SOCI101.003	R	SOC PERSPECTIVES	CAS	SOCI	Department of Sociology		UGRD	Introduction to sociology as a discipline that includes study of differences and equality, social structure and institutions, culture, social change, individuals and populations, and social psychology.
SOCI101.004	R	SOC PERSPECTIVES	CAS	SOCI	Department of Sociology		UGRD	Introduction to sociology as a discipline that includes study of differences and equality, social structure and institutions, culture, social change, individuals and populations, and social psychology.
SOCI101.951	R	SOC PERSPECTIVES	CAS	SOCI	Department of Sociology		UGRD	Introduction to sociology as a discipline that includes study of differences and equality, social structure and institutions, culture, social change, individuals and populations, and social psychology.
SOCI101.990	R	SOC PERSPECTIVES	CAS	SOCI	Department of Sociology	soci 101	UGRD	Introduction to sociology as a discipline that includes study of differences and equality, social structure and institutions, culture, social change, individuals and populations, and social psychology.
SOCI101.991	R	SOC PERSPECTIVES	CAS	SOCI	Department of Sociology	soci 101	UGRD	Introduction to sociology as a discipline that includes study of differences and equality, social structure and institutions, culture, social change, individuals and populations, and social psychology.
SOCI101.992	R	SOC PERSPECTIVES	CAS	SOCI	Department of Sociology	soci 101	UGRD	Introduction to sociology as a discipline that includes study of differences and equality, social structure and institutions, culture, social change, individuals and populations, and social psychology.
SOCI111.001	R	HUMAN SOCIETIES	CAS	SOCI	Department of Sociology		UGRD	Introduction to comparative sociology. The major types of society that have existed or now exist are analyzed, together with major patterns of social change.
SOCI115.001	R	REG SOC OF SOUTH	CAS	SOCI	Department of Sociology		UGRD	Description and analysis of social aspects of the American South. Emphasis is on recent development and its effects on institutions and culture.
SOCI121.001	R	POP PROBS	CAS	SOCI	Department of Sociology		UGRD	Social and economic causes of population structure and change. Illustrations drawn from developing countries and the less developed regions and sections of the United States.
SOCI121.002	R	POP PROBS	CAS	SOCI	Department of Sociology		UGRD	Social and economic causes of population structure and change. Illustrations drawn from developing countries and the less developed regions and sections of the United States.
SOCI122.001	R	RACE & ETHNIC RELATIONS	CAS	SOCI	Department of Sociology		UGRD	Examination of domination and subordination in general and in specific institutional areas (e.g., economy, polity) along racial and ethnic lines. Causes of changes in the levels of inequality and stratification are also studied.
SOCI122.002	R	RACE & ETHNIC RELATIONS	CAS	SOCI	Department of Sociology		UGRD	Examination of domination and subordination in general and in specific institutional areas (e.g., economy, polity) along racial and ethnic lines. Causes of changes in the levels of inequality and stratification are also studied.
SOCI122.003	R	RACE & ETHNIC RELATIONS	CAS	SOCI	Department of Sociology		UGRD	Examination of domination and subordination in general and in specific institutional areas (e.g., economy, polity) along racial and ethnic lines. Causes of changes in the levels of inequality and stratification are also studied.
SOCI122.951	R	RACE & ETHNIC RELATIONS	CAS	SOCI	Department of Sociology		UGRD	Examination of domination and subordination in general and in specific institutional areas (e.g., economy, polity) along racial and ethnic lines. Causes of changes in the levels of inequality and stratification are also studied.
SOCI122.990	R	RACE & ETHNIC RELATIONS	CAS	SOCI	Department of Sociology	SOCI 122 - 990/991/992	UGRD	Examination of domination and subordination in general and in specific institutional areas (e.g., economy, polity) along racial and ethnic lines. Causes of changes in the levels of inequality and stratification are also studied.
SOCI122.991	R	RACE & ETHNIC RELATIONS	CAS	SOCI	Department of Sociology	SOCI 122 - 990/991/992	UGRD	Examination of domination and subordination in general and in specific institutional areas (e.g., economy, polity) along racial and ethnic lines. Causes of changes in the levels of inequality and stratification are also studied.
SOCI122.992	R	RACE & ETHNIC RELATIONS	CAS	SOCI	Department of Sociology	SOCI 122 - 990/991/992	UGRD	Examination of domination and subordination in general and in specific institutional areas (e.g., economy, polity) along racial and ethnic lines. Causes of changes in the levels of inequality and stratification are also studied.
SOCI124.001	R	SEX & GEN IN SOC	CAS	SOCI	Department of Sociology	SOCI 124/WMST 124 001	UGRD	Examination of the social differentiation between men and women. Attention to the extent, causes, and consequences of sexual inequality and to changes in sex roles and their impact on interpersonal relations.
SOCI124.002	R	SEX & GEN IN SOC	CAS	SOCI	Department of Sociology	SOCI/WMST 124.002	UGRD	Examination of the social differentiation between men and women. Attention to the extent, causes, and consequences of sexual inequality and to changes in sex roles and their impact on interpersonal relations.
SOCI124.003	R	SEX & GEN IN SOC	CAS	SOCI	Department of Sociology	SOCI 124 003/WMST 124 003	UGRD	Examination of the social differentiation between men and women. Attention to the extent, causes, and consequences of sexual inequality and to changes in sex roles and their impact on interpersonal relations.
SOCI260.001	R	CRISIS & CHG RUS & E EUR	CAS	SOCI	Department of Sociology	RUES 260/PWAD/POLI/SOCI -260	UGRD	Draws on historical, political, economic, and sociological perspectives to analyze social, cultural, and institutional change.
SOCI273.001	R	SOCIAL & ECON JUSTICE, EE	CAS	SOCI	Department of Sociology		UGRD	Covers theory and practice of social and economic justice, including analyses of racial, gender, sexual, class, national, and other forms of justice, the history of influential movements for justice, and strategies of contemporary struggles. This course has a 30-hour service-learning component. Students may not receive credit for both SOCI 273 and SOCI 274.
SOCI273.002	R	SOCIAL & ECON JUSTICE, EE	CAS	SOCI	Department of Sociology		UGRD	Covers theory and practice of social and economic justice, including analyses of racial, gender, sexual, class, national, and other forms of justice, the history of influential movements for justice, and strategies of contemporary struggles. This course has a 30-hour service-learning component. Students may not receive credit for both SOCI 273 and SOCI 274.
SOCI273.003	R	SOCIAL & ECON JUSTICE, EE	CAS	SOCI	Department of Sociology		UGRD	Covers theory and practice of social and economic justice, including analyses of racial, gender, sexual, class, national, and other forms of justice, the history of influential movements for justice, and strategies of contemporary struggles. This course has a 30-hour service-learning component. Students may not receive credit for both SOCI 273 and SOCI 274.
SOCI274.001	R	SOCIAL & ECON JUSTICE	CAS	SOCI	Department of Sociology		UGRD	Covers theory and practice of social and economic justice, including analyses of racial, gender, sexual, class, national, and other forms of justice, the history of influential movements for justice, and strategies of contemporary struggles. Students may not receive credit for both SOCI 273 and SOCI 274.
SOCI290.001	R	SPCL TPCS IN SOCI	CAS	SOCI	Department of Sociology		UGRD	Periodic offering of courses on developing topics in the field.
SOCI411.001	R	SOC MVMNTS/COL BEH	CAS	SOCI	Department of Sociology		UGRD	Study of nonroutine collective actions such as demonstrations, strikes, riots, social movements, and revolutions, with an emphasis on recent and contemporary movements. Students may not receive credit for both SOCI 413 and SOCI 411.
SOCI412.001	R	SOCIAL STRAT	CAS	SOCI	Department of Sociology	SOCI 412/MNGT 412 001	UGRD	Analysis of social structure and stratification in terms of class, status, prestige, and rank. Attention to social roles of elites, professionals, the middle class, and the working class and to comparative topics.
SOCI412.002	R	SOCIAL STRAT	CAS	SOCI	Department of Sociology		UGRD	Analysis of social structure and stratification in terms of class, status, prestige, and rank. Attention to social roles of elites, professionals, the middle class, and the working class and to comparative topics.
SOCI412.951	R	SOCIAL STRAT	CAS	SOCI	Department of Sociology		UGRD	Analysis of social structure and stratification in terms of class, status, prestige, and rank. Attention to social roles of elites, professionals, the middle class, and the working class and to comparative topics.
SOCI412.990	R	SOCIAL STRAT	CAS	SOCI	Department of Sociology	SOCI 412 - 990/991/992	UGRD	Analysis of social structure and stratification in terms of class, status, prestige, and rank. Attention to social roles of elites, professionals, the middle class, and the working class and to comparative topics.
SOCI412.991	R	SOCIAL STRAT	CAS	SOCI	Department of Sociology	SOCI 412 - 990/991/992	UGRD	Analysis of social structure and stratification in terms of class, status, prestige, and rank. Attention to social roles of elites, professionals, the middle class, and the working class and to comparative topics.
SOCI412.992	R	SOCIAL STRAT	CAS	SOCI	Department of Sociology	soci 412	UGRD	Analysis of social structure and stratification in terms of class, status, prestige, and rank. Attention to social roles of elites, professionals, the middle class, and the working class and to comparative topics.
SOCI413.001	R	SOC MVMNTS/COL BEH, EE	CAS	SOCI	Department of Sociology		UGRD	Study of nonroutine collective actions such as demonstrations, strikes, riots, social movements, and revolutions, with an emphasis on recent and contemporary movements. Substantial field work for experiential education. Students may not receive credit for both SOCI 413 and SOCI 411.
SOCI414.001	R	CITY/URBAN	CAS	SOCI	Department of Sociology		UGRD	The city as a social, spatial, and political-economic phenomenon in the modern world. Analysis of urban demographic trends, spatial characteristics and economic functions. Substantive topics include segregation, social turmoil, unemployment, fiscal problems, suburbanization, and urban public policy. Students may not receive credit for both SOCI 414 and SOCI 417.
SOCI415.001	R	ECONOMY AND SOCIETY	CAS	SOCI	Department of Sociology	SOCI 415/MNGT 415 001	UGRD	Examination of the structure and operation of institutions where economy and society intersect and interact, such as education, industrial organizations, on-the-job training, labor markets, and professional associations. Emphasis on the contemporary United States, with selected comparisons with Western Europe and Japan.
SOCI415.002	R	ECONOMY AND SOCIETY	CAS	SOCI	Department of Sociology	SOCI 415/MNGT 415 002	UGRD	Examination of the structure and operation of institutions where economy and society intersect and interact, such as education, industrial organizations, on-the-job training, labor markets, and professional associations. Emphasis on the contemporary United States, with selected comparisons with Western Europe and Japan.
SOCI415.990	R	ECONOMY AND SOCIETY	CAS	SOCI	Department of Sociology	SOCI 415 - 990/991/992	UGRD	Examination of the structure and operation of institutions where economy and society intersect and interact, such as education, industrial organizations, on-the-job training, labor markets, and professional associations. Emphasis on the contemporary United States, with selected comparisons with Western Europe and Japan.
SOCI415.991	R	ECONOMY AND SOCIETY	CAS	SOCI	Department of Sociology	SOCI 415 - 990/991/992	UGRD	Examination of the structure and operation of institutions where economy and society intersect and interact, such as education, industrial organizations, on-the-job training, labor markets, and professional associations. Emphasis on the contemporary United States, with selected comparisons with Western Europe and Japan.
SOCI415.992	R	ECONOMY AND SOCIETY	CAS	SOCI	Department of Sociology	Soci415/990	UGRD	Examination of the structure and operation of institutions where economy and society intersect and interact, such as education, industrial organizations, on-the-job training, labor markets, and professional associations. Emphasis on the contemporary United States, with selected comparisons with Western Europe and Japan.
SOCI416.001	R	COMPARATIVE MIGRATION	CAS	SOCI	Department of Sociology		UGRD	This course provides a special focus on international migration and social membership/citizenship across a number of advanced industrial immigrant-receiving states.

SOCI418.001	R	CONTEMP CHINESE SOC	CAS	SOCI	Department of Sociology		UGRD	Designed to help students read complex pictures of contemporary China and to understand how China's rise affected people's lives, both inside and outside of China, from a sociological perspective. The course does not assume any background in Chinese studies.
SOCI427.001	R	THE LABOR FORCE	CAS	SOCI	Department of Sociology	SOCI 427/MNGT 427 001	UGRD	Supply and characteristics of labor and of jobs, including industrial and occupation changes, education and mobility of labor, and changing demography of the workforce.
SOCI427.002	R	THE LABOR FORCE	CAS	SOCI	Department of Sociology	SOCI/MNGT 427.002	UGRD	Supply and characteristics of labor and of jobs, including industrial and occupation changes, education and mobility of labor, and changing demography of the workforce.
SOCI431.001	R	AGING	CAS	SOCI	Department of Sociology		UGRD	The process of aging from birth to death, with a concentration on the later years of life, examined from a broad perspective. Topics include individual change over the life-course, the social context of aging, and the aging of American society.
SOCI431.002	R	AGING	CAS	SOCI	Department of Sociology		UGRD	The process of aging from birth to death, with a concentration on the later years of life, examined from a broad perspective. Topics include individual change over the life-course, the social context of aging, and the aging of American society.
SOCI444.001	R	RACE, CLASS & GENDER	CAS	SOCI	Department of Sociology	SOCI 444 001/WMST 444 001	UGRD	Conceptualizations of gender, race, and class and how, separately and in combination, they are interpreted by the wider society. Emphasis on how black and working-class women make sense of their experiences at work and within the family.
SOCI444.002	R	RACE, CLASS & GENDER	CAS	SOCI	Department of Sociology		UGRD	Conceptualizations of gender, race, and class and how, separately and in combination, they are interpreted by the wider society. Emphasis on how black and working-class women make sense of their experiences at work and within the family.
SOCI460.001	R	CONT SOC THRY	CAS	SOCI	Department of Sociology		UGRD	Prerequisite, SOCI 250. Analysis of current problems in general social theory; action and structure, justice and equity, social change and reproduction. Contrast and evaluation of leading approaches to solutions.
SOCI468.001	R	US POVERTY & PLCY	CAS	SOCI	Department of Sociology		UGRD	This course examines issues of poverty and social policy, single-mother families, the welfare debate, and homelessness.
SOCI469.001	R	MED & SOCIETY	CAS	SOCI	Department of Sociology		UGRD	The primary objective of the course is to explain why particular social arrangements affect the types and distribution of diseases and how the medical care system is organized and responds. The course will focus on three topics: social factors in disease and illness; health care practitioners and their patients; and the changing face of the health care system.
SOCI469.002	R	MED & SOCIETY	CAS	SOCI	Department of Sociology		UGRD	The primary objective of the course is to explain why particular social arrangements affect the types and distribution of diseases and how the medical care system is organized and responds. The course will focus on three topics: social factors in disease and illness; health care practitioners and their patients; and the changing face of the health care system.
SOCI469.990	R	MED & SOCIETY	CAS	SOCI	Department of Sociology	SOCI 469 - 990/991/992	UGRD	The primary objective of the course is to explain why particular social arrangements affect the types and distribution of diseases and how the medical care system is organized and responds. The course will focus on three topics: social factors in disease and illness; health care practitioners and their patients; and the changing face of the health care system.
SOCI469.991	R	MED & SOCIETY	CAS	SOCI	Department of Sociology	SOCI 469 - 990/991/992	UGRD	The primary objective of the course is to explain why particular social arrangements affect the types and distribution of diseases and how the medical care system is organized and responds. The course will focus on three topics: social factors in disease and illness; health care practitioners and their patients; and the changing face of the health care system.
SOCI469.992	R	MED & SOCIETY	CAS	SOCI	Department of Sociology	Soci469/990	UGRD	The primary objective of the course is to explain why particular social arrangements affect the types and distribution of diseases and how the medical care system is organized and responds. The course will focus on three topics: social factors in disease and illness; health care practitioners and their patients; and the changing face of the health care system.
SOCI54.001	R	FYS: GOOD/BAD/NO JOBS	CAS	SOCI	Department of Sociology		UGRD	The course examines the nature and meaning of work in America at the beginning of the 21st century.
SOCI58.001	R	FYS: GLOB/WORK/INEQUALTY	CAS	SOCI	Department of Sociology		UGRD	This course will present a comparative and multidisciplinary perspective on how globalization affects labor markets and inequality.
SOCI68.001	R	FYS IMMIGRATION CONTP AM	CAS	SOCI	Department of Sociology		UGRD	This seminar compares and contrasts historical and contemporary immigration to the United States and then explores the development a migrant community in North Carolina. We will study why people migrate, how citizens respond to migration, how the federal government regulates migration, how local communities manage the settlement of its newcomers.
SOWO492.001	R	SEMINAR: SERVICE LEARNING	SSW	SOWO	School of Social Work		UGRD	Participants explore frameworks, values, and skills around the democratic principles of service, citizenship, and social justice. Accompanies an intensive, paid internship in a local nonprofit agency.
SOWO492.391	R	SEMINAR: SERVICE LEARNING	SSW	SOWO	School of Social Work		UGRD	Participants explore frameworks, values, and skills around the democratic principles of service, citizenship, and social justice. Accompanies an intensive, paid internship in a local nonprofit agency.
SOWO492.990	R	SEMINAR: SERVICE LEARNING	SSW	SOWO	School of Social Work		UGRD	Participants explore frameworks, values, and skills around the democratic principles of service, citizenship, and social justice. Accompanies an intensive, paid internship in a local nonprofit agency.
SOWO501.001	R	DISCRIM & INEQUALITY	SSW	SOWO	School of Social Work		UGRD	This course examines institutionalized oppression and its implications for social work practice at all levels, emphasizing the consequences of social inequality and the social worker's responsibilities to fight oppression.
SOWO501.002	R	DISCRIM & INEQUALITY	SSW	SOWO	School of Social Work		UGRD	This course examines institutionalized oppression and its implications for social work practice at all levels, emphasizing the consequences of social inequality and the social worker's responsibilities to fight oppression.
SOWO501.003	R	DISCRIM & INEQUALITY	SSW	SOWO	School of Social Work		UGRD	This course examines institutionalized oppression and its implications for social work practice at all levels, emphasizing the consequences of social inequality and the social worker's responsibilities to fight oppression.
SOWO501.004	R	DISCRIM & INEQUALITY	SSW	SOWO	School of Social Work		UGRD	This course examines institutionalized oppression and its implications for social work practice at all levels, emphasizing the consequences of social inequality and the social worker's responsibilities to fight oppression.
SOWO501.005	R	DISCRIM & INEQUALITY	SSW	SOWO	School of Social Work		UGRD	This course examines institutionalized oppression and its implications for social work practice at all levels, emphasizing the consequences of social inequality and the social worker's responsibilities to fight oppression.
SOWO501.956	R	DISCRIM & INEQUALITY	SSW	SOWO	School of Social Work		UGRD	This course examines institutionalized oppression and its implications for social work practice at all levels, emphasizing the consequences of social inequality and the social worker's responsibilities to fight oppression.
SOWO501.957	R	DISCRIM & INEQUALITY	SSW	SOWO	School of Social Work		UGRD	This course examines institutionalized oppression and its implications for social work practice at all levels, emphasizing the consequences of social inequality and the social worker's responsibilities to fight oppression.
SOWO501.959	R	DISCRIM & INEQUALITY	SSW	SOWO	School of Social Work		UGRD	This course examines institutionalized oppression and its implications for social work practice at all levels, emphasizing the consequences of social inequality and the social worker's responsibilities to fight oppression.
SOWO530.001	R	FND SOC WELF/SOC WK	SSW	SOWO	School of Social Work		UGRD	Introduces public welfare policy through lecture and discussion of the purposes public welfare serves; describes the most important programs created by those policies.
SOWO530.002	R	FND SOC WELF/SOC WK	SSW	SOWO	School of Social Work		UGRD	Introduces public welfare policy through lecture and discussion of the purposes public welfare serves; describes the most important programs created by those policies.
SOWO530.003	R	FND SOC WELF/SOC WK	SSW	SOWO	School of Social Work		UGRD	Introduces public welfare policy through lecture and discussion of the purposes public welfare serves; describes the most important programs created by those policies.
SOWO530.956	R	FND SOC WELF/SOC WK	SSW	SOWO	School of Social Work		UGRD	Introduces public welfare policy through lecture and discussion of the purposes public welfare serves; describes the most important programs created by those policies.
SOWO530.957	R	FND SOC WELF/SOC WK	SSW	SOWO	School of Social Work		UGRD	Introduces public welfare policy through lecture and discussion of the purposes public welfare serves; describes the most important programs created by those policies.
SOWO530.959	R	FND SOC WELF/SOC WK	SSW	SOWO	School of Social Work		UGRD	Introduces public welfare policy through lecture and discussion of the purposes public welfare serves; describes the most important programs created by those policies.
SOWO6071.001	R	AGING & PUBLIC POLICY	SSW	SOWO	School of Social Work		UGRD	Prerequisite, SOWO 530. Students learn of social service, health, and income policy with the aged. Issues pertaining to informal support systems and disadvantaged groups are explored in the context of aging policy.
SPAN344.001	R	MEX, CEN AM, ANDEAN	CAS	SPAN	Department of Romance Languages and Literatures		UGRD	Prerequisite, SPAN 300, 320, 321, 322, 323, or 326. Recent trends in thought, art, film, music, social practices, etc. Topics may include colonialism, race, ethnicity, modernization, ecology, religion, gender, and popular culture.
SPAN344.002	R	MEX, CEN AM, ANDEAN	CAS	SPAN	Department of Romance Languages and Literatures		UGRD	Prerequisite, SPAN 300, 320, 321, 322, 323, or 326. Recent trends in thought, art, film, music, social practices, etc. Topics may include colonialism, race, ethnicity, modernization, ecology, religion, gender, and popular culture.
SPAN345.001	R	CARIB & SOUTH CONE	CAS	SPAN	Department of Romance Languages and Literatures		UGRD	Prerequisite, SPAN 300 or 326. Recent trends in thought, art, film, music, social practices, etc. Topics include colonialism, race, ethnicity, modernization, ecology, religion, gender, and popular culture.
SPAN345.002	R	CARIB & SOUTH CONE	CAS	SPAN	Department of Romance Languages and Literatures		UGRD	Prerequisite, SPAN 300 or 326. Recent trends in thought, art, film, music, social practices, etc. Topics include colonialism, race, ethnicity, modernization, ecology, religion, gender, and popular culture.
SPCL400.001	R	C-START	CAS	SPCL	Office of Undergraduate Curricula		UGRD	A one-credit hour seminar designed and taught by students under the guidance of a faculty mentor. Pass/fail only.
SPCL400.004	R	C-START	CAS	SPCL	Office of Undergraduate Curricula		UGRD	A one-credit hour seminar designed and taught by students under the guidance of a faculty mentor. Pass/fail only.
SPCL400.008	R	C-START	CAS	SPCL	Office of Undergraduate Curricula		UGRD	A one-credit hour seminar designed and taught by students under the guidance of a faculty mentor. Pass/fail only.
STOR215.001	R	INTRO TO DECISION SCIENCE	CAS	STOR	Department of Statistics and Operations Research		UGRD	Prerequisite, MATH 110. Introduction to basic concepts and techniques of decision making and information management in business, economics, and the social and physical sciences. Topics include discrete optimization, discrete probability, networks, decision trees, games, Markov chains.
WMST124.001	R	SEX & GEN IN SOC	CAS	WMST	Department of Women's and Gender Studies	SOCI 124/WMST 124 001	UGRD	Examination of the social differentiation between men and women. Attention to the extent, causes, and consequences of sexual inequality and to changes in sex roles and their impact on interpersonal relations.
WMST124.002	R	SEX & GEN IN SOC	CAS	WMST	Department of Women's and Gender Studies	SOCI/WMST 124.002	UGRD	Examination of the social differentiation between men and women. Attention to the extent, causes, and consequences of sexual inequality and to changes in sex roles and their impact on interpersonal relations.
WMST124.003	R	SEX & GEN IN SOC	CAS	WMST	Department of Women's and Gender Studies	SOCI 124 003/WMST 124 003	UGRD	Examination of the social differentiation between men and women. Attention to the extent, causes, and consequences of sexual inequality and to changes in sex roles and their impact on interpersonal relations.

WMST140.001	R	INTRO TO GAY/LESBIAN LIT	CAS	WMST	Department of Women's and Gender Studies	ENGL 140 001/WMST 140 001	UGRD	Introduces students to concepts in queer theory and recent sexuality studies. Topics include queer lit, AIDS, race and sexuality, representations of gays and lesbians in the media, political activism/literature.
WMST140.002	R	INTRO TO GAY/LESBIAN LIT	CAS	WMST	Department of Women's and Gender Studies	ENGL 140/WMST 140.002	UGRD	Introduces students to concepts in queer theory and recent sexuality studies. Topics include queer lit, AIDS, race and sexuality, representations of gays and lesbians in the media, political activism/literature.
WMST140.01W	R	INTRO TO GAY/LESBIAN LIT	CAS	WMST	Department of Women's and Gender Studies	ENGL 140/WMST 140	UGRD	Introduces students to concepts in queer theory and recent sexuality studies. Topics include queer lit, AIDS, race and sexuality, representations of gays and lesbians in the media, political activism/literature.
WMST217.001	R	WOMEN AND POLITICS	CAS	WMST	Department of Women's and Gender Studies	POLI/WMST 217.001	UGRD	A comparison of men and women as political actors at the mass and elite level in America. Topics considered include the "gender gap," the women's movement, abortion, and the Equal Rights Amendment.
WMST217.01M	R	WOMEN AND POLITICS	CAS	WMST	Department of Women's and Gender Studies	POLI/WMST 217.01M	UGRD	A comparison of men and women as political actors at the mass and elite level in America. Topics considered include the "gender gap," the women's movement, abortion, and the Equal Rights Amendment.
WMST224.001	R	INTRO GENDER COMMUNICAT	CAS	WMST	Department of Women's and Gender Studies	COMM 224 001/WMST 224 001	UGRD	Examines multiple relationships among gender, communication and culture. Explores how communication creates gender and shapes relationships and how communication reflects, sustains, and alters cultural views of gender.
WMST224.002	R	INTRO GENDER COMMUNICAT	CAS	WMST	Department of Women's and Gender Studies	COMM/WMST 224.002	UGRD	Examines multiple relationships among gender, communication and culture. Explores how communication creates gender and shapes relationships and how communication reflects, sustains, and alters cultural views of gender.
WMST224.01M	R	INTRO GENDER COMMUNICAT	CAS	WMST	Department of Women's and Gender Studies	COMM224/WMST224	UGRD	Examines multiple relationships among gender, communication and culture. Explores how communication creates gender and shapes relationships and how communication reflects, sustains, and alters cultural views of gender.
WMST225.001	R	SPACE, PLACE & DIFFERNCE	CAS	WMST	Department of Women's and Gender Studies	GEOG 225 001/WMST 225 001	UGRD	Gender, race, and class are examined in terms of the spatial patterns of everyday life, regional patterns, and global patterns. (GHA)
WMST261.001	R	GENDER & SEXUALITY IN AFRICA	CAS	WMST	Department of Women's and Gender Studies	AFRI/WMST 261.001	UGRD	Introduction to the study of gender and sexuality in African societies. Theoretical questions relating to the cross-cultural study of gender will be a primary focus. Topics include historical perspectives on the study of kinship and family in Africa and the impact of colonialism and other forms of social change.
WMST266.001	R	BLACK WOMEN	CAS	WMST	Department of Women's and Gender Studies	AFAM 266.001/WMST 266.001	UGRD	An examination of the individual and collective experiences of black women in America from slavery to the present and the evolution of feminist consciousness.
WMST281.001	R	GENDER AND GLOBAL CHANGE	CAS	WMST	Department of Women's and Gender Studies		UGRD	Through a diverse set of contemporary Latina/o texts, students will examine the response to and representation of gender and militarization in the Americas, examining in particular war, revolution, and the militarization of everyday life connected to spaces such as the United States - Mexico border and the United States prison industrial complex.
WMST290.004	R	SPCL TPCS IN WMNS STUD	CAS	WMST	Department of Women's and Gender Studies		UGRD	Topics are announced in advance and reflect the interest of the particular instructor. Each course will concern itself with a study in depth of some problem or issue in women's studies.
WMST293.001	R	GENDER & IMPERIALISM	CAS	WMST	Department of Women's and Gender Studies		UGRD	Required preparation, one course in gender or non-Western societies. Permission of the instructor for students lacking the preparation. Focuses on feminist perspectives on imperialism; the effects of imperialism on colonized and European women; women's participation in anti-imperialist movements; and the legacies of imperialism for feminism today.
WMST388.001	R	INT POL SEX/REPRO HEALTH	CAS	WMST	Department of Women's and Gender Studies	WMST 388/INST 388	UGRD	Prerequisite, WMST 101. Permission of the instructor. Takes a feminist political economy perspective on debates over current health issues of international concern, including abortion, population control, and sexually transmitted infections. Focuses on the United States, Mexico, and Kenya, as well as on international organizations and social movements.
WMST415.001	R	GENDER AND MASS COMM	CAS	WMST	Department of Women's and Gender Studies	JOMC 442/WMST 415.00	UGRD	An examination of gender as it relates to media producers, subjects, and audiences with a focus on current practices and possibilities for change.
WMST440.001	R	GENDER AND CULTURE	CAS	WMST	Department of Women's and Gender Studies	ANTH 440/ WMST 440	UGRD	Examines what it means to be male, female, and other gendered categories in different societies. Focus on institutions, groups, and individuals that both shape and challenge how gender is understood, organized, and enacted.
WMST444.001	R	RACE, CLASS & GENDER	CAS	WMST	Department of Women's and Gender Studies	SOCI 444 001/WMST 444 001	UGRD	Conceptualizations of gender, race, and class and how, separately and in combination, they are interpreted by the wider society. Emphasis on how black and working-class women make sense of their experiences at work and within the family.
WMST51.001	R	FYS RACE/SEX/PLACE AMERI	CAS	WMST	Department of Women's and Gender Studies	PLAN 052/WMST 051	UGRD	This first-year seminar will expose students to the complex dynamics of race, ethnicity, and gender and how these have shaped the American city since 1945.
WMST553.001	R	THEOR BLK FEMINISMS	CAS	WMST	Department of Women's and Gender Studies		UGRD	Prerequisites, WMST 101 and 202. Permission of the instructor for students lacking the prerequisites. Introduction to the theoretical and practical contributions of African American feminists who maintain that issues of race, gender, sexuality, and social class are central, rather than peripheral, to any history or strategy for bringing about social justice in the United States.
WMST569.001	R	BLACK WOMEN IN US	CAS	WMST	Department of Women's and Gender Studies	HIST 269 001/WMST 569 001	UGRD	The course covers the history of black women in the United States from the 18th century to the present. It deals with such themes as work, family, community, sexuality, politics, religion, and culture.
TOTAL Related, Undergrad	R						UGRD	
ANTH703.001	R	EVOLUTION AND ECOLOGY	CAS	ANTH	Department of Anthropology		GRAD	Permission of the instructor. Development of a critical understanding of anthropological approaches to evolution and ecology in paleontological, archaeological, and present-day crosscultural contexts through the historical and comparative study of theory, method, and content.
ANTH704.001	R	EVOLUTION & ECOLOGY	CAS	ANTH	Department of Anthropology		GRAD	Prerequisite, ANTH 703. Permission of the instructor for students lacking the prerequisite. Continuation of topics covered in 703, with an emphasis on ecological and evolutionary perspectives on contemporary human biology and behavior.
ANTH897.053	R	SEM: SELECTED TOPICS	CAS	ANTH	Department of Anthropology		GRAD	Topic determined by instructor and announced in advance.
ANTH897.056	R	SEM: SELECTED TOPICS	CAS	ANTH	Department of Anthropology		GRAD	Topic determined by instructor and announced in advance.
ANTH898.073	R	SEM: SELECTED TOPICS	CAS	ANTH	Department of Anthropology		GRAD	Topic determined by instructor and announced in advance.
EPID799.002	R	RESEARCH IN BBSP	SOM	BBSP	School of Medicine		GRAD	Enrollment in BBSP program required. Lab rotations with BBSP faculty.
COMM703.001	R	COMM AND THE POLITICAL	CAS	COMM	Department of Communication Studies		GRAD	This course is designed for students to start thinking, in a historical and foundational way, about 'the political' as defined by formative thinkers from contrasting philosophical perspectives, as well as from necessarily different social positions within the field of power.
COMM703.002	R	COMM AND THE POLITICAL	CAS	COMM	Department of Communication Studies	COMM 703	GRAD	This course is designed for students to start thinking, in a historical and foundational way, about 'the political' as defined by formative thinkers from contrasting philosophical perspectives, as well as from necessarily different social positions within the field of power.
COMM726.001	R	CRITICAL ORG COMM	CAS	COMM	Department of Communication Studies		GRAD	Prerequisite, COMM 525. Permission of the instructor for students lacking the prerequisite. Focuses on the theory and practice of critical organizational communication research, including organizational phenomena such as power, discourse, and culture.
DENT100.001	R	SOC & ETHICAL ISSUES	SOD	DENT	School of Dentistry		DENT	
ECOL891.001	R	SPECIAL TOPICS - ECOLOGY	CAS	ECOL	Curriculum in Ecology	ECOL 891.001/ENST 490.002	GRAD	Permission of the instructor. May be repeated for credit.
ECOL891.002	R	SPECIAL TOPICS - ECOLOGY	CAS	ECOL	Curriculum in Ecology	ENST 490/ECOL 891/BIOL 568	GRAD	Permission of the instructor. May be repeated for credit.
ECON850.001	R	HEALTH ECONOMICS	CAS	ECON	Department of Economics		GRAD	Prerequisites, ECON 710 and 771. Permission of the instructor for students lacking the prerequisites. Measurement and modeling of the demand for medical care, the demand for and supply of health insurance, and the incorporation of health, medical care, and health insurance in determining both short and long run labor supply.
EDUC758.001	R	IMMIGRATION AND EDUC	SOE	EDUC	School of Education		GRAD	Investigates social (including political, economic, legal, and demographic) and cultural impacts on immigration and education.
EDUC832.001	R	EDUC, POL & POLICY	SOE	EDUC	School of Education		GRAD	Examines theory of competing conceptions of policy. Actors and agencies are examined at federal, state, and local levels. Interactions across levels are studied in relation to current policy alternatives.
EDUC836.001	R	SCH FIN & ECON EQUI	SOE	EDUC	School of Education		GRAD	Covers the area of financing school corporations in the current economic and political setting, with emphasis on the interrelationships of educational, economic, and political decisions. May be repeated for credit.
EDUX779.001	R	BIG IDEAS IN SCIENCE ED	SOE	EDUX	School of Education		GRAD	Through investigations, research, and guest speakers, this course engages students in discussions about teaching science in conjunction with issues of technology and society.
ENGL762.001	R	TOPICS IN CULT STUD	CAS	ENGL	Department of English and Comparative Literature		GRAD	An introduction to myriad texts, topics, controversies, institutions, and personalities that make up the ongoing knowledge projects that are loosely affiliated under the rubric "cultural studies."
ENGL858.001	R	20TH C ENG-AM FICT	CAS	ENGL	Department of English and Comparative Literature		GRAD	Usually taught as a survey of major writers: Joyce, Lawrence, Woolf, Hemingway, Faulkner, with some other writers.
ENGL861.001	R	SEM LIT & CULT THRY	CAS	ENGL	Department of English and Comparative Literature		GRAD	Seminar with varying topics, focusing on recent developments in literary and cultural theory, including narratology, feminism, psychoanalysis, and postcolonial and materialist theory.
ENGL861.002	R	SEM LIT & CULT THRY	CAS	ENGL	Department of English and Comparative Literature		GRAD	Seminar with varying topics, focusing on recent developments in literary and cultural theory, including narratology, feminism, psychoanalysis, and postcolonial and materialist theory.
ENVR707.001	R	ADVANCED TOXICOLOGY	SPH	ENVR	Gillings School of Global Public Health	TOXC/ENVR/PHCO 707.001	GRAD	Prerequisite, PHCO 702. Permission of the instructor for students lacking the prerequisite. Cellular and physiological basis of toxicity of environmental chemicals, with emphasis on inhalation toxicology, developmental toxicology, immunotoxicology, radiation toxicology, renal toxicology, and neurotoxicology. Three lecture hours per week.
ENVR724.001	R	ENVR ANALYTICAL CHEM	SPH	ENVR	Gillings School of Global Public Health		GRAD	Students will select, critically review, and discuss current research papers for content, relevance, innovation, and clarity. Papers can be from any aspect of the environmental sciences. Two lecture hours per week, every other week.
ENVR725.001	R	ENVR ORG CHEM	SPH	ENVR	Gillings School of Global Public Health		GRAD	The physical chemistry of the partitioning, exchange, and chemical transformation of organic contaminants in the water, air, and soil environments.

ENVR726.001	R	CHEMICAL METHODS	SPH	ENVR	Gillings School of Global Public Health		GRAD	Required preparation, basic or general chemistry. Emphasis on acquiring laboratory skills and hands-on experience with instrumentation including chromatography and mass spectrometry; sample handling and preparation; quality assurance and control. Three lecture hours or one lecture hour and four laboratory hours per week.
ENVR727.001	R	CHEMISTRY OF HUMICS	SPH	ENVR	Gillings School of Global Public Health		GRAD	Required preparation, organic or physical chemistry. Permission of the instructor. Critical analysis for Ph.D. students of the chemistry, role, and function of refractory organic matter in aquatic environments. Three lecture hours per week.
ENVR732.001	R	HLTH EFFEC AIR POLLUT	SPH	ENVR	Gillings School of Global Public Health		GRAD	Required preparation, knowledge of basic human physiology and biochemistry helpful. Assessing health effects of air pollutants on normal and diseased human populations, including children. Physiology, cellular and molecular biology, immunology, genetics, dosimetry will be integrated. Three lecture hours per week.
ENVR740.001	R	CHEM CARCINOGENESIS	SPH	ENVR	Gillings School of Global Public Health		GRAD	Required preparation, organic chemistry. Bioactivation of carcinogens, interaction of activated metabolites with DNA, and their effects on DNA structure, replication, repair, and the control of these processes during development of chemically induced carcinogenesis. Two lecture hours per week.
ENVR742.001	R	HUMAN HLTH RISK OF CHEMICALS	SPH	ENVR	Gillings School of Global Public Health		GRAD	Prerequisites, ENVR/TOXC/BIOC 442 or ENVR 430. ENVR/TOXC 707 and ENVR 470 are highly recommended. This course will provide students who already have good knowledge of the basic principles of toxicology and environmental health with real-life examples of how the information is integrated for the purpose of judging what chemical exposures may pose risk to human health.
ENVR754.001	R	AIR POLLUTION CONTROL	SPH	ENVR	Gillings School of Global Public Health		GRAD	Prerequisite, ENVR 422. Engineering control of air pollution control systems and discussion of air pollution regulation and standards. Spring. (Odd-numbered years.)
ENVR756.001	R	PHYS/CHEM TREATMENT	SPH	ENVR	Gillings School of Global Public Health		GRAD	Prerequisites, ENVR 419 and 451. Principles of disinfection, oxidation, coagulation, precipitation, sedimentation, filtration, adsorption, ion exchange, and membrane processes; applications to water and wastewater treatment. Three lecture hours per week.
ENVR763.001	R	MATH MODELING I	SPH	ENVR	Gillings School of Global Public Health	MATH 768/ENVR 763/MASC 783	GRAD	Prerequisites, MATH 661, 662, 668, and 669. Nondimensionalization and identification of leading order physical effects with respect to relevant scales and phenomena; derivation of classical models of fluid mechanics (lubrication, slender filament, thin films, Stokes flow); derivation of weakly nonlinear envelope equations. Fall.
ENVR773.001	R	MODELING ATMOSPHERIC CHEM	SPH	ENVR	Gillings School of Global Public Health		GRAD	Air pollution is formed through thousands of chemical reactions. Computer models are used to simulate this complex chemistry and used to make policy. Current computational restraints force a simplified representation of atmospheric chemistry in these models, and the focus of this course is the implications of this on predictions.
ENVR783.001	R	ENVIRONMENTAL PRIORITIES	SPH	ENVR	Gillings School of Global Public Health		GRAD	This course is intended to develop a student's ability to estimate the relative merits of research and policy actions in several broad environmental areas, with attention to the associated uncertainty. Criteria to be included are both quantitative and qualitative, with an emphasis on public health, environmental, and economic metrics.
ENVR784.001	R	ENVIRONMENTAL LAW	SPH	ENVR	Gillings School of Global Public Health	ENVR 784/PLAN 784	GRAD	Permission of the instructor. An examination of the law of resource use and development, its administration, and underlying policies.
ENVR850.001	R	SYS ANAL-ENV PLAN	SPH	ENVR	Gillings School of Global Public Health		GRAD	Particular attention to water resources law, regulatory law, and natural resource administration. Regulatory aspects of pollution control programs are covered. Three lecture hours a week.
ENVR890.003	R	SPECIAL TOPICS/ESE	SPH	ENVR	Gillings School of Global Public Health		GRAD	Required preparation, calculus. Applications of systems analysis techniques to the management of environmental quality.
ENVR890.004	R	SPECIAL TOPICS/ESE	SPH	ENVR	Gillings School of Global Public Health		GRAD	Permission of the department. For students outside the department who wish to undertake individual study of a specific problem in environmental sciences and engineering. The subject and requirements of the project are arranged with the faculty in each individual instance. One or more hours per week.
ENVR890.005	R	SPECIAL TOPICS/ESE	SPH	ENVR	Gillings School of Global Public Health	GEOG 442/ ENVR 890	GRAD	Permission of the department. For students outside the department who wish to undertake individual study of a specific problem in environmental sciences and engineering. The subject and requirements of the project are arranged with the faculty in each individual instance. One or more hours per week.
ENVR890.008	R	SPECIAL TOPICS/ESE	SPH	ENVR	Gillings School of Global Public Health		GRAD	Permission of the department. For students outside the department who wish to undertake individual study of a specific problem in environmental sciences and engineering. The subject and requirements of the project are arranged with the faculty in each individual instance. One or more hours per week.
ENVR890.009	R	SPECIAL TOPICS/ESE	SPH	ENVR	Gillings School of Global Public Health		GRAD	Permission of the department. For students outside the department who wish to undertake individual study of a specific problem in environmental sciences and engineering. The subject and requirements of the project are arranged with the faculty in each individual instance. One or more hours per week.
ENVR981.007	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.009	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.011	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.012	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.015	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.016	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.026	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.030	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.038	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.061	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.062	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.066	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.094	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.095	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.096	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.099	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.100	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR981.103	R	ENVR PRACTICUM	SPH	ENVR	Gillings School of Global Public Health		GRAD	A practical experience in public health/environmental health sciences.
ENVR991.059	R	RESEARCH IN ESE	SPH	ENVR	Gillings School of Global Public Health		GRAD	Consultation with the faculty and approval of subject and proposed program required. Permission of the instructor. May be repeated. Hours and credits to be arranged.
EPID710.001	R	FUNDAMENTALS EPID	SPH	EPID	Gillings School of Global Public Health		GRAD	Corequisite, BIOS 600. Permission required for nonmajors. An intensive introduction to epidemiological concepts and methods for students intending to engage in, collaborate in, or interpret the results of epidemiologic studies. Some familiarity with biomedical concepts may be needed. An alternate to EPID 600 for satisfying the SPH core requirements. Three lecture and two seminar hours a week.
EPID750.01W	R	FUND PUBHLTH SURVEILLANC	SPH	EPID	Gillings School of Global Public Health		GRAD	This course provides the conceptual foundations and practical skills for designing and implementing surveillance systems, for using surveillance data for the conduct and evaluation of public health programs and research.
EPID750.964	R	FUND PUBHLTH SURVEILLANC	SPH	EPID	Gillings School of Global Public Health		GRAD	This course provides the conceptual foundations and practical skills for designing and implementing surveillance systems, for using surveillance data for the conduct and evaluation of public health programs and research.
EPID750.965	R	FUND PUBHLTH SURVEILLANC	SPH	EPID	Gillings School of Global Public Health		GRAD	This course provides the conceptual foundations and practical skills for designing and implementing surveillance systems, for using surveillance data for the conduct and evaluation of public health programs and research.
EPID750.968	R	FUND PUBHLTH SURVEILLANC	SPH	EPID	Gillings School of Global Public Health	EPID 750 sections	GRAD	This course provides the conceptual foundations and practical skills for designing and implementing surveillance systems, for using surveillance data for the conduct and evaluation of public health programs and research.
EPID753.001	R	INF DIS COMMUNITY	SPH	EPID	Gillings School of Global Public Health		GRAD	Primary focus at county/state level; surveillance/control of acute infectious diseases; public health vs. individual rights. Bridging epidemiological concepts with community activities and real world health department issues. Three lecture hours per week.
EPID756.001	R	CONTROL INFECT DIS	SPH	EPID	Gillings School of Global Public Health		GRAD	Prerequisite, EPID 600. Epidemiology and control of selected infectious diseases prevalent in developing countries. Course involves lectures, critical discussions of published articles, and a final group project. Three lecture hours per week.
EPID757.001	R	HIV DVLPNG CNTRIES	SPH	EPID	Gillings School of Global Public Health		GRAD	Prerequisite, EPID 600. This course examines the epidemiology of AIDS from an international perspective. It considers the AIDS pandemic in a broad epidemiologic perspective, including key aspects of basic, clinical, and social science. Three lecture hours per week.
EPID759.01W	R	FIELD EPI METHODS	SPH	EPID	Gillings School of Global Public Health		GRAD	Course will focus on epidemiological methods required to investigate urgent public health problems. Course covers the skills and tools needed to conduct outbreak investigations and communicate findings to the public. Three lecture hours per week.
EPID759.965	R	FIELD EPI METHODS	SPH	EPID	Gillings School of Global Public Health		GRAD	Course will focus on epidemiological methods required to investigate urgent public health problems. Course covers the skills and tools needed to conduct outbreak investigations and communicate findings to the public. Three lecture hours per week.
EPID759.968	R	FIELD EPI METHODS	SPH	EPID	Gillings School of Global Public Health		GRAD	Course will focus on epidemiological methods required to investigate urgent public health problems. Course covers the skills and tools needed to conduct outbreak investigations and communicate findings to the public. Three lecture hours per week.

EPID764.001	R	HOSPITAL EPID	SPH	EPID	Gillings School of Global Public Health	GRAD	Prerequisites, EPID 710 and 752. Permission of the instructor required. Comprehensive seminar in hospital infection control. Topics include issues in employee health, surveillance, outbreak investigation, environmental sampling, and policy formation. May be repeated for credit. Two to four seminar hours.
EPID785.001	R	ENVIRONMENTAL EPID	SPH	EPID	Gillings School of Global Public Health	GRAD	Prerequisites, EPID 710 and BIOS 600. Epidemiologic ideas and methods applied to evaluation and control of human health consequences of environmental hazards. Pollution of environmental media and global change are considered from a human-ecological perspective, with local and international examples. Three lecture hours per week.
EPID786.001	R	COMM EPID/ENV JUST	SPH	EPID	Gillings School of Global Public Health	GRAD	Principles for conducting research within communities unduly burdened by environmental health threats are presented. Topics include research ethics, community presentations, study design and implementation, and student research projects.
EPID795.001	R	INTRO PUBLIC HLTH INFORMATICS	SPH	EPID	Gillings School of Global Public Health	GRAD	This course provides students with an overview of public health informatics and includes in-depth discussions on informatics approaches used in developing the public health information systems in use today.
GEOG702.001	R	GEOG THOUGHT	CAS	GEOG	Department of Geography	GRAD	History and philosophy of the geographic discipline, with particular emphasis on developments in recent decades.
GEOG801.001	R	ESS/PHYS RES SEM	CAS	GEOG	Department of Geography	GRAD	An in-depth seminar devoted to contemporary faculty research topics in earth system science and biophysical geography. Topics and instructors vary.
GEOG805.001	R	INTL/DEV RES/SEM	CAS	GEOG	Department of Geography	GRAD	An in-depth seminar devoted to contemporary faculty research topics in international area studies, development, and globalization. Topics and instructors vary.
GEOG813.001	R	HUM-ENV SEM	CAS	GEOG	Department of Geography	GRAD	An in-depth seminar devoted to contemporary readings in nature-society studies and human-environment interactions. Topics and instructors vary.
HBHE700.001	R	INTRO TO PUBLIC HEALTH	SPH	HBHE	School of Public Health	GRAD	This course offers an introduction to public health, a history of public health and public health education, and an overview of population health/social determinants of health.
HBHE727.001	R	PATIENT ADVOCACY	SPH	HBHE	School of Public Health	GRAD	Explore competing definitions of patient advocacy. Topics related to ethics, policy, and law will be covered in the context of what have often been termed patient rights and responsibilities. Three lectures hours per week.
HBHE741.001	R	HBEH PRACTICE II	SPH	HBHE	School of Public Health	GRAD	This is the second part of a year-long course covering key principles of health education practice. Coursework will be conducted in modules. HBEH Practice II will cover evaluation, as well as sustainability, dissemination, and translation. The course will draw from the expertise of a wide range of faculty and practitioners.
HBHE765.001	R	CANCER PREV & CTRL	SPH	HBHE	School of Public Health	GRAD	An interdisciplinary overview of cancer prevention and control. Emphasis on projects and activities from perspectives of epidemiology, health behavior and education, and health policy and management. Appropriate research design and methodologies are covered.
HBHE772.001	R	PLANNING PH INTERVENTIONS	SPH	HBHE	School of Public Health	GRAD	In this course, students use a comprehensive planning model to plan, implement, and evaluate an evidence-based intervention that addresses a public health problem within a defined population.
HBHE815.001	R	FOUNDATIONS OF HBEH I	SPH	HBHE	School of Public Health	GRAD	Permission of the instructor for nonmajors. A critical examination of the conceptual, theoretical, and empirical bases of public health and health education, health transitions, globalization, and issues around social justice.
HBHE825.001	R	IHC SEMINAR	SPH	HBHE	School of Public Health	GRAD	Prerequisite, HBEH 730. Permission required for nonmajors. Interdisciplinary overview of communication theory and research and critical analysis of applications of theory to interventions using communication for health. Three hours per week.
HPM715.001	R	HLTH ECON/POL MGT	SPH	HPM	Gillings School of Global Public Health	GRAD	Prerequisite, BIOS 600. Permission of the instructor for nonmajors. Provides training in the theory of health economics and applies this theory to important issues in health policy and management.
HPM715.002	R	HLTH ECON/POL MGT	SPH	HPM	Gillings School of Global Public Health	GRAD	Prerequisite, BIOS 600. Permission of the instructor for nonmajors. Provides training in the theory of health economics and applies this theory to important issues in health policy and management.
HPM759.965	R	HLTH POLICY ANALYSIS & ADVACY	SPH	HPM	Gillings School of Global Public Health	GRAD	The course will familiarize students with the history of health reform in the U.S., explore issues in health policy, and analyze the impact of health politics on policymaking.
HPM810.965	R	LEAD HEALTH LAW	SPH	HPM	Gillings School of Global Public Health	GRAD	Course is designed to provide learners with an introduction and overview of critical issues relating to law, ethics, and public health.
ITAL830.001	R	SEMINAR	CAS	ITAL	Department of Romance Languages and Literatures	GRAD	Special study and research in set topics; e.g., Seicento and Baroque, autobiography, Renaissance theater, literature and film.
JOMC847.001	R	COMM FOR SOCL CHNGE	SOJ	JOMC	School of Journalism and Mass Communication	GRAD	Examines how grassroots and participatory strategies are being combined with communication technologies to promote social change in Third World settings of developed and developing nations.
LAW207.001	R	PROPERTY	LAW	LAW	School of Law	LAW	
LAW207.002	R	PROPERTY	LAW	LAW	School of Law	LAW	
LAW207.003	R	PROPERTY	LAW	LAW	School of Law	LAW	
LAW207.004	R	PROPERTY	LAW	LAW	School of Law	LAW	
LAW207.005	R	PROPERTY	LAW	LAW	School of Law	LAW	
LAW243A.001	R	EMPLOYMENT LAW	LAW	LAW	School of Law	LAW	
LAW254.001	R	LABOR LAW	LAW	LAW	School of Law	LAW	
LAW255.001	R	HOUSING	LAW	LAW	School of Law	LAW	
LAW261W.001	R	ENVIRON LAW PRACTICE	LAW	LAW	School of Law	LAW	
LAW283.001	R	SEXUALITY & LAW	LAW	LAW	School of Law	LAW	
LAW290.001	R	LAND USE CONTROL	LAW	LAW	School of Law	LAW	
LAW299.001	R	CIVIL RIGHTS LAW	LAW	LAW	School of Law	LAW	
LAW316.001	R	POLI/CIVIL RTS SEM	LAW	LAW	School of Law	LAW	
LAW346.001	R	CHILDREN & LAW SEM	LAW	LAW	School of Law	LAW	
LAW361.001	R	FEDERAL INDIAN LAW	LAW	LAW	School of Law	LAW	
LAW380.001	R	INT'L LAW/HUMAN RTS	LAW	LAW	School of Law	LAW	
LAW397.001	R	COMMUNITY DEVELOP CLINIC	LAW	LAW	School of Law	LAW	
LAW398A.001	R	IMMIGRATION CLINIC	LAW	LAW	School of Law	LAW	The Immigration Clinic is a two-semester clinic that provides students with an opportunity to represent clients in immigration cases. Students work in teams of two and consult with each other before weekly team meetings with their faculty supervisor.
LAW442.001	R	INT'L ENVIRONMENTAL LAW	LAW	LAW	School of Law	LAW	
LAW448.001	R	GLOBAL FINANCIAL MARKETS	LAW	LAW	School of Law	LAW	
LAW460.002	R	SPECIAL TOPICS IN LAW	LAW	LAW	School of Law	LAW	
LAW460.004	R	SPECIAL TOPICS IN LAW	LAW	LAW	School of Law	LAW	
LAW460.006	R	SPECIAL TOPICS IN LAW	LAW	LAW	School of Law	LAW	
LAW460.007	R	SPECIAL TOPICS IN LAW	LAW	LAW	School of Law	LAW	
LAW468.001	R	REGULATION AND DEREGULATION	LAW	LAW	School of Law	LAW	Prerequisite, LAW 220. This course studies such substantive types of economic regulation (and deregulation) as those found in the regulation of energy and electricity, telecommunications and the internet, food and pharmaceuticals, and consumer and financial affairs. The course will be offered every other year.
MASC706.001	R	SEM OCEANOGRAPHY	CAS	MASC	Department of Marine Sciences	GRAD	Discussion of theories and contemporary research in ocean systems. Topics stress interactions between physical, chemical, geological, and biological processes in the sea. For graduate students in marine sciences. Students who enroll must present an interdisciplinary seminar.
MBA718.956A	R	GLOBAL SUPPLY CHAIN MGMT	KFBS	MBA	Kenan-Flagler Business School	GRAD	
MBA718.957	R	GLOBAL SUPPLY CHAIN MGMT	KFBS	MBA	Kenan-Flagler Business School	GRAD	
MBA718.973A	R	GLOBAL SUPPLY CHAIN MGMT	KFBS	MBA	Kenan-Flagler Business School	GRAD	
MBA718.973B	R	GLOBAL SUPPLY CHAIN MGMT	KFBS	MBA	Kenan-Flagler Business School	GRAD	
MBA718.973C	R	GLOBAL SUPPLY CHAIN MGMT	KFBS	MBA	Kenan-Flagler Business School	GRAD	
MBA741G.001	R	GLOBAL MARKETING	KFBS	MBA	Kenan-Flagler Business School	GRAD	Prerequisite, BUSI 406. Examination of the problems involved in marketing products and services across national boundaries. Problem issues include culture, ideology, economics, technical standards, and currency movements.
MBA741G.002	R	GLOBAL MARKETING	KFBS	MBA	Kenan-Flagler Business School	GRAD	Prerequisite, BUSI 406. Examination of the problems involved in marketing products and services across national boundaries. Problem issues include culture, ideology, economics, technical standards, and currency movements.
MBA741G.973A	R	GLOBAL MARKETING	KFBS	MBA	Kenan-Flagler Business School	GRAD	Prerequisite, BUSI 406. Examination of the problems involved in marketing products and services across national boundaries. Problem issues include culture, ideology, economics, technical standards, and currency movements.
MBA741G.973B	R	GLOBAL MARKETING	KFBS	MBA	Kenan-Flagler Business School	GRAD	Prerequisite, BUSI 406. Examination of the problems involved in marketing products and services across national boundaries. Problem issues include culture, ideology, economics, technical standards, and currency movements.
MBA741G.973C	R	GLOBAL MARKETING	KFBS	MBA	Kenan-Flagler Business School	GRAD	Prerequisite, BUSI 406. Examination of the problems involved in marketing products and services across national boundaries. Problem issues include culture, ideology, economics, technical standards, and currency movements.
MBA741G.973D	R	GLOBAL MARKETING	KFBS	MBA	Kenan-Flagler Business School	GRAD	Prerequisite, BUSI 406. Examination of the problems involved in marketing products and services across national boundaries. Problem issues include culture, ideology, economics, technical standards, and currency movements.
MBA741G.973E	R	GLOBAL MARKETING	KFBS	MBA	Kenan-Flagler Business School	GRAD	Prerequisite, BUSI 406. Examination of the problems involved in marketing products and services across national boundaries. Problem issues include culture, ideology, economics, technical standards, and currency movements.

MBA795.958	R	GLOBAL BUSI ENVIRONMT	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA799.001	R	GOV & FIN ACCOUNTABILITY	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA799.002	R	GOV & FIN ACCOUNTABILITY	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA806.001	R	GLOBAL CONTEXT OF BUSI	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA806.002	R	GLOBAL CONTEXT OF BUSI	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA806.956	R	GLOBAL CONTEXT OF BUSI	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA806.957	R	GLOBAL CONTEXT OF BUSI	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA813.001	R	BUSINESS DEMOGRAPHICS	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA820.001	R	IMPACT INVESTING	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA824.001	R	MGMT WORKPLACE DIVERSITY	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA827.956	R	STRAT MODELING & BUSI DYNAMICS	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA827.957	R	STRAT MODELING & BUSI DYNAMICS	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA836.001	R	ENTRE:MINORITY ECON DVPT	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA866.001	R	SOCIAL ENTREPRENEURSHIP	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MHCH701.001	R	FOUNDATIONS IN MCH	SPH	MHCH	School of Public Health		GRAD	Permission of the instructor for nonmajors. This course introduces the major issues affecting the health and well-being of women during the reproductive years, infants, children, and adolescents in domestic and international settings. First semester of a two-semester course.
MHCH701.962	R	FOUNDATIONS IN MCH	SPH	MHCH	School of Public Health		GRAD	Permission of the instructor for nonmajors. This course introduces the major issues affecting the health and well-being of women during the reproductive years, infants, children, and adolescents in domestic and international settings. First semester of a two-semester course.
MHCH701.972	R	FOUNDATIONS IN MCH	SPH	MHCH	School of Public Health		GRAD	Permission of the instructor for nonmajors. This course introduces the major issues affecting the health and well-being of women during the reproductive years, infants, children, and adolescents in domestic and international settings. First semester of a two-semester course.
MHCH702.001	R	FOUNDATIONS IN MCH	SPH	MHCH	School of Public Health		GRAD	Permission of the instructor for nonmajors. Second part of a two-part course that introduces the major issues affecting the health and well-being of women during the reproductive years, infants, children and adolescents in domestic and international settings. Second semester of a two-semester course.
MHCH702.972	R	FOUNDATIONS IN MCH	SPH	MHCH	School of Public Health		GRAD	Permission of the instructor for nonmajors. Second part of a two-part course that introduces the major issues affecting the health and well-being of women during the reproductive years, infants, children and adolescents in domestic and international settings. Second semester of a two-semester course.
MHCH722.001	R	GLOBAL MCH	SPH	MHCH	School of Public Health		GRAD	This course covers the main causes of maternal and under-five morbidity and mortality in developing countries and also the interventions, policies, and research which address these causes. Emphasis is placed on both distal and proximate determinants, measurement and indicators, and conceptual frameworks.
MHCH730.001	R	REPRO HLTH POLICY	SPH	MHCH	School of Public Health		GRAD	Permission of the instructor. Participants examine forces that shape social policy relating to reproduction and differential impact of policy based on age and other factors. Focus on global controversies in reproduction/reproductive health services in context of human/women's rights. Three lecture hours a week.
MHCH756.001	R	HLTH INEQUAL IN US	SPH	MHCH	School of Public Health	Mhch756/Pubh756	GRAD	Disparities in morbidity/mortality in sub-populations continue compared to other United States populations. Course explores contributors to inequalities and identifies strategies to counterbalance contributors to correct inequalities using public health resources.
MTSC715.001	R	VISUALIZATION IN SCIENCE	MTSC	MTSC	Department of Applied Physical Sciences		GRAD	Computational visualization applied in the natural sciences. For both computer science and natural science students. Available techniques and their characteristics, based on human perception, using software visualization toolkits. Project course.
NURS915.001	R	HLTH ORGANIZ POLICY	SON	NURS	School of Nursing		GRAD	Examines interrelated changes in nursing, ethical and legal expectations, and the organization of health care and health policy. Ways that nurse leaders in health care organizations adapt to and challenge public policies throughout the policymaking process and consequences for organizations and for health, practice, research, and education are explored.
NUTR725.001	R	PUB HLTH NUT MGT II	SPH	NUTR	Gillings School of Global Public Health		GRAD	Prerequisite, NUTR 720. An overview of the planning and management of local, state, federal, and voluntary public health nutrition programs. Examines legislative and administrative structures.
NUTR728.001	R	NUTR TRANS RES APPL	SPH	NUTR	Gillings School of Global Public Health		GRAD	Prerequisites, EPID, 600, NUTR 725. Permission of instructor for nonmajors. Designed to focus on translational nutrition research and application including grant writing in order to better prepare students to apply evidence-based nutrition interventions (education, counseling, and research) in the clinical, public health, and policy arenas.
PATH890.001	R	Human Environ Disease	SOM	PATH	Department of Pathology and Laboratory Medicine		GRAD	This course will study human disease processes that are induced or exacerbated by our environment. Environmental disease stressors include solar radiation, air and water pollution, bioreactive substances in foods, pesticides, metals, dusts, particles, and allergens. Lectures will emphasize epidemiology, mechanisms of toxicity, and human disease pathogenesis.
PHNU745.960	R	COM IMPROV/ASSESS	SPH	PHNU	School of Public Health		GRAD	Course focuses on development of knowledge and skills for interaction and assessment of population, advocacy, collaboration, partnerships, coalition building, and constituency development. Online course.
PHNU786.01W	R	OCC SAFETY & ERGO	SPH	PHNU	School of Public Health	ENVR 432/PHNU 786	GRAD	Fundamentals of occupational safety and ergonomics with emphasis on legislation and organization of industrial safety and ergonomic programs, including hazard recognition, analysis, control, and motivational factors pertaining to industrial accident and cumulative trauma disorder prevention.
PHNU786.956	R	OCC SAFETY & ERGO	SPH	PHNU	School of Public Health	ENVR 432/PHNU 786	GRAD	Fundamentals of occupational safety and ergonomics with emphasis on legislation and organization of industrial safety and ergonomic programs, including hazard recognition, analysis, control, and motivational factors pertaining to industrial accident and cumulative trauma disorder prevention.
PHNU786.965	R	OCC SAFETY & ERGO	SPH	PHNU	School of Public Health	ENVR 432/PHNU 786	GRAD	Fundamentals of occupational safety and ergonomics with emphasis on legislation and organization of industrial safety and ergonomic programs, including hazard recognition, analysis, control, and motivational factors pertaining to industrial accident and cumulative trauma disorder prevention.
PHNU786.970	R	OCC SAFETY & ERGO	SPH	PHNU	School of Public Health	ENVR 432/PHNU 786	GRAD	Fundamentals of occupational safety and ergonomics with emphasis on legislation and organization of industrial safety and ergonomic programs, including hazard recognition, analysis, control, and motivational factors pertaining to industrial accident and cumulative trauma disorder prevention.
PLAN704.001	R	THEORY OF PLANNING I	CAS	PLAN	Department of City and Regional Planning		GRAD	The logic of planning as a professional activity. Critical overview of current process theories leading students to develop a personal philosophy applicable to their work as planners.
PLAN710.001	R	MICROEC PLN & POL	CAS	PLAN	Department of City and Regional Planning		GRAD	Introduction to principles of demand and supply, elasticity, marginal utility opportunity cost, pricing, production decisions, and profit maximization, cost-benefit analysis, financial appraisal, role of government, and market instruments for environmental protection.
PLAN710.002	R	MICROEC PLN & POL	CAS	PLAN	Department of City and Regional Planning		GRAD	Introduction to principles of demand and supply, elasticity, marginal utility opportunity cost, pricing, production decisions, and profit maximization, cost-benefit analysis, financial appraisal, role of government, and market instruments for environmental protection.
PLAN714.001	R	URB SPATIAL STRCTRE	CAS	PLAN	Department of City and Regional Planning		GRAD	Theories and empirical evidence of the contemporary spatial development of metropolitan areas. Industrial, residential, and commercial location; neighborhood change; the role of technological change and public policies; and normative perspectives.
PLAN714.002	R	URB SPATIAL STRCTRE	CAS	PLAN	Department of City and Regional Planning		GRAD	Theories and empirical evidence of the contemporary spatial development of metropolitan areas. Industrial, residential, and commercial location; neighborhood change; the role of technological change and public policies; and normative perspectives.
PLAN724.001	R	INTRO LAW FOR PLAN	CAS	PLAN	Department of City and Regional Planning		GRAD	Governmental institutions, real property, constitutional law, land use law, and environmental law.
PLAN725.001	R	DISPUTE RESOLUTION	CAS	PLAN	Department of City and Regional Planning		GRAD	Contemporary methods of resolving development disputes through negotiation, bargaining, and mediation. Techniques and skills applicable to solving controversies over planning and implementation of public and private development projects.
PLAN738.001	R	TRANSPORT POLICY	CAS	PLAN	Department of City and Regional Planning		GRAD	Prerequisite, PLAN 636. Permission of the instructor for students lacking the prerequisite. Examination of active transportation planning and policy questions: land use relationships, modal comparisons, environmental quality, transportation demand management, paratransit planning, the transportation needs of special populations, and international comparisons.
PLAN739.001	R	TRANS PLAN MODEL	CAS	PLAN	Department of City and Regional Planning		GRAD	Permission of the instructor for undergraduates. The transportation planning process; data collection, trip generation, modal choice, trip distribution and assignment. Social, economic, and environmental impacts of transportation. Innovative modeling techniques.
PLAN740.001	R	LAND USE/ENVR POL	CAS	PLAN	Department of City and Regional Planning		GRAD	History, institutional setting, rationale of state and local land use, and environmental policies. Program and policy frameworks, political and market processes, resource utilization concepts, and contemporary development and resource management.
PLAN741.001	R	LAND USE/ENVR PLAN	CAS	PLAN	Department of City and Regional Planning		GRAD	Methods of land use planmaking. Use of GIS and spreadsheets to analyze land suitability and spatial needs. Preparation of land classification plans, land use design plans, and development management programs.
PLAN741.002	R	LAND USE/ENVR PLAN	CAS	PLAN	Department of City and Regional Planning		GRAD	Methods of land use planmaking. Use of GIS and spreadsheets to analyze land suitability and spatial needs. Preparation of land classification plans, land use design plans, and development management programs.
PLAN745.001	R	IMPACT ASSESSMENT	CAS	PLAN	Department of City and Regional Planning		GRAD	Methods for data management and predictive analysis of the environmental, transportation, and other infrastructure; fiscal and social impacts of land development projects. Impact mitigation measures are also examined.
PLAN752.001	R	PROJ/SITE PLANNING	CAS	PLAN	Department of City and Regional Planning		GRAD	Techniques of site analysis, project programming, and arrangement of structures on the land. Workshop covering design and review of urban development projects within limitations of regulatory standards and market criteria.

PLAN757.001	R	PLAN HIST PRESERV	CAS	PLAN	Department of City and Regional Planning		GRAD	Concepts, processes, and policies for historic preservation; its role in the community planning and development process.
PLAN760.001	R	REAL EST & AFFORD HSNG	CAS	PLAN	Department of City and Regional Planning		GRAD	Fundamentals and techniques of real estate investment analysis, including cases and computer modeling; applications of the public interest in private investment decisions; tax and other public policies influencing real estate investments; and affordable housing.
PLAN761.001	R	HOUSING & PUB POL	CAS	PLAN	Department of City and Regional Planning		GRAD	A theory-based course in housing and market dynamics; the justification for government intervention and the operations of the mortgage market and construction industry. Students develop skills for housing market and policy analysis.
PLAN762.001	R	CENTRAL CITY REVITALIZAT	CAS	PLAN	Department of City and Regional Planning		GRAD	Analyzes central cities over past twenty years and factors affecting their growth or decline. Analyzes how economic, social, physical conditions of central cities can be improved through large-scale urban-planning efforts.
PLAN763.001	R	URBAN REVITALIZATION	CAS	PLAN	Department of City and Regional Planning		GRAD	Social, political, and economic theory of local communities. Models of neighborhood change. Neighborhood revitalization: theoretical aspects; federal, state, and local programs; role of nonprofit organizations; step-by-step process for revitalizing an area.
PLAN764.001	R	TECH COMMUNITY DEVELOP	CAS	PLAN	Department of City and Regional Planning		GRAD	The steps involved in developing neighborhood revitalization plans. Students work with local neighborhood associations in identifying both community assets and problems and the various stakeholders, conducting research on selected issues, developing and selecting strategies for addressing those issues, and formulating an implementation strategy.
PLAN770.001	R	ECON DEV POLICY	CAS	PLAN	Department of City and Regional Planning		GRAD	Introduction to basic theories, concepts, and strategies employed to pursue local and regional economic development. Clarifies similarities and distinctions with related planning perspectives including community development, investigates the economic logic behind various development initiatives, and reviews basic principles for critically examining alternative policies and programs.
PLAN771.001	R	DEV PLAN TECH	CAS	PLAN	Department of City and Regional Planning		GRAD	Intermediate and advanced techniques for analyzing the development of local and regional economies. Social accounts, indicator construction, regional input-output models, economic and fiscal impact analysis, labor market analysis, and regional economic forecasting techniques.
PLAN773.001	R	URB REG DEV SEMINAR	CAS	PLAN	Department of City and Regional Planning		GRAD	Fundamental concepts and theories applied to local economic development including growth, trade, product-cycle, flexible specialization, and entrepreneurship theories. Urban and regional development issues addressed in the North American, South American, European, or South Asian contexts.
PLAN774.001	R	PLANNING FOR JOBS	CAS	PLAN	Department of City and Regional Planning		GRAD	This graduate seminar examines the policy and planning implications of changing labor market conditions and their impact on U.S. workers, especially the working poor.
PLAN776.001	R	DEVELOPMENT FINANCE	CAS	PLAN	Department of City and Regional Planning		GRAD	Community development financial institutions and loan funds for local asset building and wealth creation. Investment analysis to structure and finance local projects. Real estate and business development cases.
PLAN781.001	R	WATER RES PLAN	CAS	PLAN	Department of City and Regional Planning	PLAN 781/ENVR 781	GRAD	Water resources planning and management. Federal and state water resources policies. Analytical skills to identify environmental problems associated with urban water resources development.
PLAN784.001	R	ENVIRONMENTAL LAW	CAS	PLAN	Department of City and Regional Planning	ENVR 784/PLAN 784	GRAD	Permission of the instructor. An examination of the law of resource use and development, its administration, and underlying policies. Particular attention to water resources law, regulatory law, and natural resource administration. Regulatory aspects of pollution control programs are covered. Three lecture hours a week.
PLAN788.001	R	PUB POLICY ECON I	CAS	PLAN	Department of City and Regional Planning	Plcy788 001/Plan788 001	GRAD	Topics covered include theory of utility and demand, theory of the producer, organization, and operation of product and factor markets, market equilibrium, and regulation.
PLAN789.001	R	PUB POLICY ECON II	CAS	PLAN	Department of City and Regional Planning	PLCY789/PLAN789	GRAD	Prerequisite, PLCY 788. Further applications of economic theory to public policy including risk and uncertainty, general equilibrium and welfare policy, market failure, public goods and taxation, and game theory.
PLAN823.001	R	PLANNING WORKSHOP	CAS	PLAN	Department of City and Regional Planning		GRAD	Problem-solving, client-based courses designed to give students experience in applying planning theory and methods to actual problem situations in economic development, housing and community development, real estate, environmental planning, and land use and transportation.
PLAN823.002	R	PLANNING WORKSHOP	CAS	PLAN	Department of City and Regional Planning		GRAD	Problem-solving, client-based courses designed to give students experience in applying planning theory and methods to actual problem situations in economic development, housing and community development, real estate, environmental planning, and land use and transportation.
PLAN823.003	R	PLANNING WORKSHOP	CAS	PLAN	Department of City and Regional Planning		GRAD	Problem-solving, client-based courses designed to give students experience in applying planning theory and methods to actual problem situations in economic development, housing and community development, real estate, environmental planning, and land use and transportation.
PLCY717.001	R	Political Institutions	CAS	PLCY	Department of Public Policy		GRAD	This course analyzes the politics of public policy with an emphasis on the role of political institutions. The course combines theory, empirical research, methodological approaches to institutions, and case studies in substantive areas of policy with a global dimension. This is a required core course for the Public Policy Ph.D.
PLCY895.001	R	POVERTY& HUMAN RESOURCES	CAS	PLCY	Department of Public Policy		GRAD	Topics covered include poverty, welfare, and human resources from an economic perspective. For students wanting to specialize in social and behavioral approaches to the study of population and demographic phenomena.
POLI731.001	R	POL OF DEV & CHANGE	CAS	POLI	Department of Political Science		GRAD	The theories, concepts, and mechanisms of political change, with particular attention to processes of development and modernization in the new nations of Africa, Asia, and Latin America.
POLI770.001	R	COM ECON DEV: STR & CHOI	CAS	POLI	Department of Political Science	PUBA/POLI 770.001	GRAD	The goal of this course is to acquire a command of the fundamentals of economic development from the community's perspective. This is done by reading and absorbing the theoretical literature on economic development from the fields of urban politics, planning, sociology, economics, political science, and sociology.
POLI770.975	R	COM ECON DEV: STR & CHOI	CAS	POLI	Department of Political Science		GRAD	The goal of this course is to acquire a command of the fundamentals of economic development from the community's perspective. This is done by reading and absorbing the theoretical literature on economic development from the fields of urban politics, planning, sociology, economics, political science, and sociology.
POLI813.001	R	COMPARA WELFARE STATES	CAS	POLI	Department of Political Science	POLI 813-001/SOCI 813-001	GRAD	This course examines the development, achievements, present crisis, and future of welfare states in advanced industrial democracies.
POLI813.975	R	COMPARA WELFARE STATES	CAS	POLI	Department of Political Science		GRAD	This course examines the development, achievements, present crisis, and future of welfare states in advanced industrial democracies.
POLI813.976	R	COMPARA WELFARE STATES	CAS	POLI	Department of Political Science		GRAD	This course examines the development, achievements, present crisis, and future of welfare states in advanced industrial democracies.
POLI813.977	R	COMPARA WELFARE STATES	CAS	POLI	Department of Political Science		GRAD	This course examines the development, achievements, present crisis, and future of welfare states in advanced industrial democracies.
POLI813.978	R	COMPARA WELFARE STATES	CAS	POLI	Department of Political Science		GRAD	This course examines the development, achievements, present crisis, and future of welfare states in advanced industrial democracies.
POLI813.979	R	COMPARA WELFARE STATES	CAS	POLI	Department of Political Science		GRAD	This course examines the development, achievements, present crisis, and future of welfare states in advanced industrial democracies.
PSYC864.001	R	TOPICS/ATTITUDE RES	CAS	PSYC	Department of Psychology		GRAD	Prerequisite, PSYC 867. Permission of the instructor for students lacking the prerequisite. A critical examination of selected topics in attitude theory and change.
PUBA711.001	R	PUBLIC SERVICE LEADERSHIP	SOG	PUBA	School of Government		GRAD	Students learn about their leadership style and values, as well as strengths and weaknesses, with regard to public leadership at the personal, interpersonal, organizational, and community levels. Readings, assignments, and class activities focus on developing knowledge and skills necessary to lead successfully in public service settings.
PUBA749.001	R	ETHIC/EFFECT PUBLIC ADM	SOG	PUBA	School of Government		GRAD	Prerequisites, POLI 210, 211, 212, 214, and 226. The role(s), function(s), and strategy of public administrators in the formulation, adoption, and implementation of public policies. Policy from the perspective of the policy maker; cases exploring the relationship of theories to actual policy processes.
PUBA749.002	R	ETHIC/EFFECT PUBLIC ADM	SOG	PUBA	School of Government		GRAD	Prerequisites, POLI 210, 211, 212, 214, and 226. The role(s), function(s), and strategy of public administrators in the formulation, adoption, and implementation of public policies. Policy from the perspective of the policy maker; cases exploring the relationship of theories to actual policy processes.
PUBA749.003	R	ETHIC/EFFECT PUBLIC ADM	SOG	PUBA	School of Government		GRAD	Prerequisites, POLI 210, 211, 212, 214, and 226. The role(s), function(s), and strategy of public administrators in the formulation, adoption, and implementation of public policies. Policy from the perspective of the policy maker; cases exploring the relationship of theories to actual policy processes.
PUBA770.001	R	COM ECON DEV: STR & CHOI	SOG	PUBA	School of Government		GRAD	The goal of this course is to acquire a command of the fundamentals of economic development from the community's perspective. This is done by reading and absorbing the theoretical literature on economic development from the fields of urban politics, planning, sociology, economics, political science, and sociology.
PUBA771.001	R	MANAGING ECON DEVEL	SOG	PUBA	School of Government		GRAD	Emphasizes the practical application and implementation of various approaches to economic development. Students will apply tools/strategies by doing case studies and small group projects based on real-world scenarios faced by local practitioners.
PUBA780.006	R	TOPICS IN PUBLIC ADMIN	SOG	PUBA	School of Government		GRAD	Prerequisite, permission of the instructor. Seminar in selected areas of public administration. Topics will vary from year to year. May be repeated for credit.
PUBH701.001	R	COST EFFECTIVENESS	SPH	PUBH	Gillings School of Global Public Health		GRAD	This course will offer a relatively in-depth look at cost-effectiveness and the kinds of analyses that use cost-effectiveness methods in assessing interventions to improve health.
PUBH703.001	R	QUAL IMPROVE IN HLTH CARE & PH	SPH	PUBH	Gillings School of Global Public Health		GRAD	Designed to equip medical students with knowledge and skills needed to provide quality primary care through incorporation of population health and quality improvement methods into their clinical practice.

PUBH704.001	R	FOUNDATIONS OF GLOBAL HEALTH	SPH	PUBH	Gillings School of Global Public Health	GRAD	Students will gain a broader understanding of population-based global health issues and social determinants of health. Critically examines global health topics with learning from on-line modules, readings, interactions with faculty and staff, and practical experience in a clinical or community health-oriented experience (minimum 2 weeks) outside of the US.
PUBH705.001	R	ONE HEALTH INTELLECTUAL EXCH	SPH	PUBH	Gillings School of Global Public Health	GRAD	This interdisciplinary course will introduce the concept of One Health as an increasingly important approach to a holistic understanding of the prevention of disease and the maintenance of both human and animal health. Based at the NC Biotechnology Center.
PUBH712.01W	R	GLOBAL HEALTH ETHICS	SPH	PUBH	Gillings School of Global Public Health	GRAD	The course draws a distinction between public health ethics and medical ethics while also placing American public health and ethics in the context of global health and the variation in perspectives and systems among countries.
PUBH712.956	R	GLOBAL HEALTH ETHICS	SPH	PUBH	Gillings School of Global Public Health	GRAD	The course draws a distinction between public health ethics and medical ethics while also placing American public health and ethics in the context of global health and the variation in perspectives and systems among countries.
PUBH712.960	R	GLOBAL HEALTH ETHICS	SPH	PUBH	Gillings School of Global Public Health	GRAD	The course draws a distinction between public health ethics and medical ethics while also placing American public health and ethics in the context of global health and the variation in perspectives and systems among countries.
PUBH712.965	R	GLOBAL HEALTH ETHICS	SPH	PUBH	Gillings School of Global Public Health	GRAD	The course draws a distinction between public health ethics and medical ethics while also placing American public health and ethics in the context of global health and the variation in perspectives and systems among countries.
PUBH712.966	R	GLOBAL HEALTH ETHICS	SPH	PUBH	Gillings School of Global Public Health	GRAD	The course draws a distinction between public health ethics and medical ethics while also placing American public health and ethics in the context of global health and the variation in perspectives and systems among countries.
PUBH713.965	R	INFECTIOUS DISEASE EPID	SPH	PUBH	Gillings School of Global Public Health	GRAD	This course presents an overview of basic principles of infectious diseases that affect public health in the United States and worldwide. Topics include biology of infectious agents, factors affecting emergence/re-emergence, mechanisms of pathogenesis, immunology of infection, epidemiology, and strategies for diagnosis, prevention, and control.
PUBH730.01W	R	QUAL IMPROV LDRSHP	SPH	PUBH	Gillings School of Global Public Health	GRAD	Course designed to provide students with an understanding of use of continuous quality improvement methods in community health settings, drawing heavily on actual experiences of the students in their professional lives. Online course.
PUBH730.956	R	QUAL IMPROV LDRSHP	SPH	PUBH	Gillings School of Global Public Health	GRAD	Course designed to provide students with an understanding of use of continuous quality improvement methods in community health settings, drawing heavily on actual experiences of the students in their professional lives. Online course.
PUBH730.960	R	QUAL IMPROV LDRSHP	SPH	PUBH	Gillings School of Global Public Health	GRAD	Course designed to provide students with an understanding of use of continuous quality improvement methods in community health settings, drawing heavily on actual experiences of the students in their professional lives. Online course.
PUBH730.965	R	QUAL IMPROV LDRSHP	SPH	PUBH	Gillings School of Global Public Health	GRAD	Course designed to provide students with an understanding of use of continuous quality improvement methods in community health settings, drawing heavily on actual experiences of the students in their professional lives. Online course.
PUBH730.966	R	QUAL IMPROV LDRSHP	SPH	PUBH	Gillings School of Global Public Health	GRAD	Course designed to provide students with an understanding of use of continuous quality improvement methods in community health settings, drawing heavily on actual experiences of the students in their professional lives. Online course.
PUBH731.01W	R	SOCIAL MARKETING	SPH	PUBH	Gillings School of Global Public Health	GRAD	Course will orient students to market-based strategies, models, and tactics for improving individual and community health status within the framework of marketing, strategic communication, and advocacy. Online course.
PUBH731.956	R	SOCIAL MARKETING	SPH	PUBH	Gillings School of Global Public Health	GRAD	Course will orient students to market-based strategies, models, and tactics for improving individual and community health status within the framework of marketing, strategic communication, and advocacy. Online course.
PUBH731.960	R	SOCIAL MARKETING	SPH	PUBH	Gillings School of Global Public Health	GRAD	Course will orient students to market-based strategies, models, and tactics for improving individual and community health status within the framework of marketing, strategic communication, and advocacy. Online course.
PUBH731.965	R	SOCIAL MARKETING	SPH	PUBH	Gillings School of Global Public Health	GRAD	Course will orient students to market-based strategies, models, and tactics for improving individual and community health status within the framework of marketing, strategic communication, and advocacy. Online course.
PUBH731.966	R	SOCIAL MARKETING	SPH	PUBH	Gillings School of Global Public Health	GRAD	Course will orient students to market-based strategies, models, and tactics for improving individual and community health status within the framework of marketing, strategic communication, and advocacy. Online course.
PUBH735.01W	R	PLCY DEV	SPH	PUBH	Gillings School of Global Public Health	GRAD	SPH students or permission of the instructor. Focus is on institutional policy development, regulation and enforcement, and field observation. Online course.
PUBH735.956	R	PLCY DEV	SPH	PUBH	Gillings School of Global Public Health	GRAD	SPH students or permission of the instructor. Focus is on institutional policy development, regulation and enforcement, and field observation. Online course.
PUBH735.960	R	PLCY DEV	SPH	PUBH	Gillings School of Global Public Health	GRAD	SPH students or permission of the instructor. Focus is on institutional policy development, regulation and enforcement, and field observation. Online course.
PUBH735.965	R	PLCY DEV	SPH	PUBH	Gillings School of Global Public Health	GRAD	SPH students or permission of the instructor. Focus is on institutional policy development, regulation and enforcement, and field observation. Online course.
PUBH735.966	R	PLCY DEV	SPH	PUBH	Gillings School of Global Public Health	GRAD	SPH students or permission of the instructor. Focus is on institutional policy development, regulation and enforcement, and field observation. Online course.
PUBH745.01W	R	COM IMPROV/ASSESS	SPH	PUBH	Gillings School of Global Public Health	GRAD	Course focuses on development of knowledge and skills for interaction and assessment of population, advocacy, collaboration, partnerships, coalition building, and constituency development. Online course.
PUBH745.960	R	COM IMPROV/ASSESS	SPH	PUBH	Gillings School of Global Public Health	GRAD	Course focuses on development of knowledge and skills for interaction and assessment of population, advocacy, collaboration, partnerships, coalition building, and constituency development. Online course.
PUBH745.965	R	COM IMPROV/ASSESS	SPH	PUBH	Gillings School of Global Public Health	GRAD	Course focuses on development of knowledge and skills for interaction and assessment of population, advocacy, collaboration, partnerships, coalition building, and constituency development. Online course.
PUBH745.966	R	COM IMPROV/ASSESS	SPH	PUBH	Gillings School of Global Public Health	GRAD	Course focuses on development of knowledge and skills for interaction and assessment of population, advocacy, collaboration, partnerships, coalition building, and constituency development. Online course.
PUBH746.001	R	PROGRAM PLAN & EVAL	SPH	PUBH	Gillings School of Global Public Health	GRAD	SPH majors or permission of the instructor. Fundamentals of public health program planning and monitoring, with emphasis on applications in community settings and proposal development for program funding. Online course.
PUBH746.01W	R	PROGRAM PLAN & EVAL	SPH	PUBH	Gillings School of Global Public Health	GRAD	SPH majors or permission of the instructor. Fundamentals of public health program planning and monitoring, with emphasis on applications in community settings and proposal development for program funding. Online course.
PUBH746.960	R	PROGRAM PLAN & EVAL	SPH	PUBH	Gillings School of Global Public Health	GRAD	SPH majors or permission of the instructor. Fundamentals of public health program planning and monitoring, with emphasis on applications in community settings and proposal development for program funding. Online course.
PUBH746.966	R	PROGRAM PLAN & EVAL	SPH	PUBH	Gillings School of Global Public Health	GRAD	SPH majors or permission of the instructor. Fundamentals of public health program planning and monitoring, with emphasis on applications in community settings and proposal development for program funding. Online course.
PUBH746.974	R	PROGRAM PLAN & EVAL	SPH	PUBH	Gillings School of Global Public Health	GRAD	SPH majors or permission of the instructor. Fundamentals of public health program planning and monitoring, with emphasis on applications in community settings and proposal development for program funding. Online course.
PUBH747.01W	R	PROJ MANAGE PRINC	SPH	PUBH	Gillings School of Global Public Health	GRAD	Graduate students only. Provides an overview of knowledge and skills required for effective project/team leadership and management. Includes modules on leadership, management techniques, application of continuous quality improvement, and organizational designs that complement team-based organizations. Online course.
PUBH747.960	R	PROJ MANAGE PRINC	SPH	PUBH	Gillings School of Global Public Health	GRAD	Graduate students only. Provides an overview of knowledge and skills required for effective project/team leadership and management. Includes modules on leadership, management techniques, application of continuous quality improvement, and organizational designs that complement team-based organizations. Online course.
PUBH747.965	R	PROJ MANAGE PRINC	SPH	PUBH	Gillings School of Global Public Health	GRAD	Graduate students only. Provides an overview of knowledge and skills required for effective project/team leadership and management. Includes modules on leadership, management techniques, application of continuous quality improvement, and organizational designs that complement team-based organizations. Online course.
PUBH747.966	R	PROJ MANAGE PRINC	SPH	PUBH	Gillings School of Global Public Health	GRAD	Graduate students only. Provides an overview of knowledge and skills required for effective project/team leadership and management. Includes modules on leadership, management techniques, application of continuous quality improvement, and organizational designs that complement team-based organizations. Online course.
PUBH748.01W	R	POLICY DEVELOPMENT	SPH	PUBH	Gillings School of Global Public Health	GRAD	SPH students or permission of the instructor. Designed to provide students with an opportunity to focus on the fundamental aspects of policy development, with an emphasis on local, state, and federal levels within a community setting. Online course.
PUBH748.966	R	POLICY DEVELOPMENT	SPH	PUBH	Gillings School of Global Public Health	GRAD	SPH students or permission of the instructor. Designed to provide students with an opportunity to focus on the fundamental aspects of policy development, with an emphasis on local, state, and federal levels within a community setting. Online course.
PUBH748.970	R	POLICY DEVELOPMENT	SPH	PUBH	Gillings School of Global Public Health	GRAD	SPH students or permission of the instructor. Designed to provide students with an opportunity to focus on the fundamental aspects of policy development, with an emphasis on local, state, and federal levels within a community setting. Online course.
PUBH756.001	R	HLTH INEQUAL IN US	SPH	PUBH	Gillings School of Global Public Health	Mhch756/Pubh756	Disparities in morbidity/mortality in sub-populations continue compared to other United States populations. Course explores contributors to inequalities and identifies strategies to counterbalance contributors to correct inequalities using public health resources.
PUBH763.001	R	POLITICS OF HEALTH REFORM	SPH	PUBH	Gillings School of Global Public Health	GRAD	Systematic analysis of recent reforms to the U.S. health care system, including passage and initial implementation of the Affordable Care Act, with particular attention to how reform is intended to improve access, quality, equity, and effectiveness and whether reform can accomplish this while controlling cost.

PUBH784.001	R	PROJECT MGMT STRATEGY & APPLI	SPH	PUBH	Gillings School of Global Public Health		GRAD	This course presents classic project management concepts and methods, applicable to information and library science, public health, healthcare and team projects, with an aim to develop a toolbox of strategies to effectively manage projects based on globally accepted theoretical frameworks; practice is gained via assignments, cases and lectures.
PUBH785.01W	R	OCCUP HLTH INTERDIS	SPH	PUBH	Gillings School of Global Public Health		GRAD	Focuses on work, workplace exposures and hazards, and their effect on health. Interdisciplinary approaches to risk identification, reduction, and communication will be emphasized within regulatory and ethical contexts.
PUBH785.960	R	OCCUP HLTH INTERDIS	SPH	PUBH	Gillings School of Global Public Health		GRAD	Focuses on work, workplace exposures and hazards, and their effect on health. Interdisciplinary approaches to risk identification, reduction, and communication will be emphasized within regulatory and ethical contexts.
PUBH785.965	R	OCCUP HLTH INTERDIS	SPH	PUBH	Gillings School of Global Public Health		GRAD	Focuses on work, workplace exposures and hazards, and their effect on health. Interdisciplinary approaches to risk identification, reduction, and communication will be emphasized within regulatory and ethical contexts.
PUBH791.01W	R	CORE PRINC LDRSHP	SPH	PUBH	Gillings School of Global Public Health		GRAD	Course will introduce students to leadership theories and research, provide a context for leadership in public health, and help students learn core leadership skills. Online course.
PUBH791.956	R	CORE PRINC LDRSHP	SPH	PUBH	Gillings School of Global Public Health		GRAD	Course will introduce students to leadership theories and research, provide a context for leadership in public health, and help students learn core leadership skills. Online course.
PUBH791.960	R	CORE PRINC LDRSHP	SPH	PUBH	Gillings School of Global Public Health		GRAD	Course will introduce students to leadership theories and research, provide a context for leadership in public health, and help students learn core leadership skills. Online course.
PUBH791.965	R	CORE PRINC LDRSHP	SPH	PUBH	Gillings School of Global Public Health		GRAD	Course will introduce students to leadership theories and research, provide a context for leadership in public health, and help students learn core leadership skills. Online course.
PUBH791.966	R	CORE PRINC LDRSHP	SPH	PUBH	Gillings School of Global Public Health		GRAD	Course will introduce students to leadership theories and research, provide a context for leadership in public health, and help students learn core leadership skills. Online course.
PUBH804.01W	R	ISSUES IN PUBLIC HLTH LDRSHP	SPH	PUBH	Gillings School of Global Public Health		GRAD	This course will provide a case-based approach to the approaches different public health leaders have used to deal with a variety of public health issues. The course will focus on identifying the public health competencies used in real-world situations and how students can apply those competencies to their own work in public health.
PUBH804.966	R	ISSUES IN PUBLIC HLTH LDRSHP	SPH	PUBH	Gillings School of Global Public Health		GRAD	This course will provide a case-based approach to the approaches different public health leaders have used to deal with a variety of public health issues. The course will focus on identifying the public health competencies used in real-world situations and how students can apply those competencies to their own work in public health.
SOCI810.001	R	SOCIAL MOVEMENTS	CAS	SOCI	Department of Sociology		GRAD	The structure and dynamics of social movements and their societal environment, with special reference to sociopolitical movements of minority and low status groups in industrialized and third world societies.
SOCI813.001	R	COMPARA WELFARE STATES	CAS	SOCI	Department of Sociology	POLI 813-001/SOCI 813-001	GRAD	This course examines the development, achievements, present crisis, and future of welfare states in advanced industrial democracies. A continuation of SOCI 830. Materials covered include population growth and stable population theory, migration and distribution, population policy, and population estimates and projections.
SOCI831.001	R	DEMOGRAPHIC TECH II	CAS	SOCI	Department of Sociology		GRAD	Analysis of major theories of and approaches to the study of social inequality, with attention to how the various theories and approaches are operationalized. Focus on recent research in labor markets and worldwide inequality.
SOCI850.001	R	SOC STRATIFICATION	CAS	SOCI	Department of Sociology		GRAD	Focuses on substantive and theoretical issues in this field and their intellectual origins. Topics include organizations, art, religion, science, class, and politics. Quantitative and qualitative approaches are examined.
SOCI870.001	R	SOCI OF CULTURE	CAS	SOCI	Department of Sociology		GRAD	Permission of the instructor. The course description for a particular semester is available in the departmental office.
SOCI950.001	R	SEM SELECTED TOPICS	CAS	SOCI	Department of Sociology		GRAD	Permission of the instructor. The course description for a particular semester is available in the departmental office.
SOCI950.003	R	SEM SELECTED TOPICS	CAS	SOCI	Department of Sociology		GRAD	Engages students in comparative policy approaches and preparing tripartite policy analyses of a specific United States policy with comparable policies in two other nations in different stages of economic development.
SOWO732.001	R	INT'L COMPARATIVE POLICY	SSW	SOWO	School of Social Work		GRAD	Prerequisite, SOWO 530. Using an advanced policy analysis framework, this course focuses on strategies for policy change, national and state policy, and legal and socio-political factors influencing financing, access, and service delivery.
SOWO835.001	R	POVERTY POLICY	SSW	SOWO	School of Social Work		GRAD	Examines factors leading to disparities in health outcomes for persons disadvantaged by income, age, ethnicity, gender, and sexual orientation. Critically evaluates health and social policies aimed at resolving disparities.
SOWO836.001	R	HLTH ACCESS & DISPARITIE	SSW	SOWO	School of Social Work		GRAD	Examines factors leading to disparities in health outcomes for persons disadvantaged by income, age, ethnicity, gender, and sexual orientation. Critically evaluates health and social policies aimed at resolving disparities.
SOWO836.002	R	HLTH ACCESS & DISPARITIE	SSW	SOWO	School of Social Work		GRAD	Using an advanced policy analysis framework, this course focuses on strategies for policy change, national and state policy, and legal and socio-political factors influencing financing, access, and service delivery.
SOWO837.001	R	DISABILITY POLICY	SSW	SOWO	School of Social Work		GRAD	Prerequisites, SOWO 517 and 540. An examination of public school social work policy and practice. The course emphasizes an ecological approach within the context of the school-family-community environment.
SOWO850.001	R	SSW:POL & PRAC	SSW	SOWO	School of Social Work		GRAD	Prerequisites, SOWO 517 and 540. An examination of public school social work policy and practice. The course emphasizes an ecological approach within the context of the school-family-community environment.
SOWO850.227	R	SSW:POL & PRAC	SSW	SOWO	School of Social Work		GRAD	Prerequisites, SOWO 517 and 540. An examination of public school social work policy and practice. The course emphasizes an ecological approach within the context of the school-family-community environment.
SOWO850.448	R	SSW:POL & PRAC	SSW	SOWO	School of Social Work		GRAD	Prerequisites, SOWO 517 and 540. An examination of public school social work policy and practice. The course emphasizes an ecological approach within the context of the school-family-community environment.
SOWO850.988	R	SSW:POL & PRAC	SSW	SOWO	School of Social Work		GRAD	Prerequisites, SOWO 517 and 540. An examination of public school social work policy and practice. The course emphasizes an ecological approach within the context of the school-family-community environment.
SOWO881.001	R	COM PRACT:GLOBL PERSPEC	SSW	SOWO	School of Social Work		GRAD	This course prepares students for work in global community practice and development, provides analytic frameworks, and builds skills for engagement and facilitative leadership.
SOWO882.001	R	CITIZEN PARTICIPAT	SSW	SOWO	School of Social Work		GRAD	Prerequisites, SOWO 517 and 570. Examines the role of grassroots organization in advocacy, self-help and social development, the involvement of citizens in public planning, and the development of volunteer programs.
SOWO882.240	R	CITIZEN PARTICIPAT	SSW	SOWO	School of Social Work		GRAD	Prerequisites, SOWO 517 and 570. Examines the role of grassroots organization in advocacy, self-help and social development, the involvement of citizens in public planning, and the development of volunteer programs.
SOWO882.957	R	CITIZEN PARTICIPAT	SSW	SOWO	School of Social Work		GRAD	Prerequisites, SOWO 517 and 570. Examines the role of grassroots organization in advocacy, self-help and social development, the involvement of citizens in public planning, and the development of volunteer programs.
SOWO885.001	R	FIN MGMT NONPROF ORG	SSW	SOWO	School of Social Work		GRAD	Prerequisites, SOWO 517 and 570. Provides basic financial skills for leaders of nonprofits, including bookkeeping fundamentals, interpreting financial statements, budgeting, cash management and investment, and legal compliance.
TOXC707.001	R	ADVANCED TOXICOLOGY	SOM	TOXC	Curriculum in Toxicology	TOXC/ENVR/PHCO 707.001	GRAD	Prerequisite, PHCO 702. Permission of the instructor for students lacking the prerequisite. Cellular and physiological basis of toxicity of environmental chemicals, with emphasis on inhalation toxicology, developmental toxicology, immunotoxicology, radiation toxicology, renal toxicology, and neurotoxicology. Three lecture hours per week.
TOTAL Related Grad	R						GRAD	
AFRI266.001	F	CONTEMPORARY AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies	ENST/AFRI 266.001	UGRD	A seminar that introduces students to non-Western perspectives and comparative study of ecological, social, and economic factors that influence the welfare of contemporary African communities. Examination of famine, population growth, and health issues within the context of African cultural and social systems.
AFRI416.001	F	HUMAN RIGHTS & PUBLIC PLCY	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Prerequisite AAAD 101. Focusing on major debates in the disciplines of philosophy, political science, and law, this course explores the role of human rights and constitutional frameworks in public policy formation and struggles for equality in selected countries in Africa and the African Diaspora.
AFRI523.001	F	CENTRAL AFRICA	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Recommended preparation, AFRI 101. Study of the postcolonial political economies of central African states, with emphasis on the state's role in development, the changing character of state-society relationships (including recent pressures for democratization), and the local impact of regional and global external linkages.
AFRI540.001	F	21ST-CENTURY SCRAMBLE	CAS	AFRI	Department of African African American and Diaspora Studies		UGRD	Prerequisite, AAAD 101. Examines the 21st-century global competition for African resources and compares it to the 19th-century "scramble for Africa." Major actors include the European Union, the United States, and China.
AMST375.001	F	FOOD IN AMERICAN CULTURE	CAS	AMST	Department of American Studies		UGRD	This course will examine the history and meaning of food in American culture and will explore the ways in which food shapes national, regional, and personal identity.
AMST393.001	F	CHICAGO 1893	CAS	AMST	Department of American Studies		UGRD	This course will explore Chicago at the end of the 19th century from the perspective of our own postindustrial, postmodern condition. This course emphasizes the complexities of human shelter in the United States. We learn housing types, explore their social uses and meanings, and evaluate critical issues, such as affordability and gentrification.
AMST466.001	F	AMERICAN HOUSING	CAS	AMST	Department of American Studies		UGRD	Special topics course. Content will vary each semester.
AMST89.001	F	FYS: SPECIAL TOPICS	CAS	AMST	Department of American Studies		UGRD	Globalization as a cultural and economic phenomenon, emphasizing the historical development of the current world situation and the impact of increasing global interconnection on local cultural traditions.
ANTH142.990	F	LOC CULTURES GLOB FORCES	CAS	ANTH	Department of Anthropology	ANTH 142/990/991/992	UGRD	Globalization as a cultural and economic phenomenon, emphasizing the historical development of the current world situation and the impact of increasing global interconnection on local cultural traditions.
ANTH142.991	F	LOC CULTURES GLOB FORCES	CAS	ANTH	Department of Anthropology	ANTH 142/990/991/992	UGRD	Globalization as a cultural and economic phenomenon, emphasizing the historical development of the current world situation and the impact of increasing global interconnection on local cultural traditions.
ANTH142.992	F	LOC CULTURES GLOB FORCES	CAS	ANTH	Department of Anthropology	ANTH 142.990/991/992	UGRD	Globalization as a cultural and economic phenomenon, emphasizing the historical development of the current world situation and the impact of increasing global interconnection on local cultural traditions.

ANTH210.001	F	GLOBAL ISSUES	CAS	ANTH	Department of Anthropology	INTS HIST POLI ANTH GEOG 210	UGRD	Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of 20th-century conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.
ANTH238.001	F	HUMAN ECOLOGY OF AFRICA	CAS	ANTH	Department of Anthropology		UGRD	Course examines human adaptations to environments across Africa. Focuses on livelihood systems such as farming, herding and hunting/gathering.
ANTH238.01W	F	HUMAN ECOLOGY OF AFRICA	CAS	ANTH	Department of Anthropology		UGRD	Course examines human adaptations to environments across Africa. Focuses on livelihood systems such as farming, herding and hunting/gathering.
ANTH312.001	F	STDY GLOBAL ENVIR CHANGE	CAS	ANTH	Department of Anthropology		UGRD	Case studies in environmental change, highlighting human and environmental dynamics in terrestrial and marine ecosystems on multiple spatial and temporal scales. Includes active learning modules, group presentations, writing assignments.
ANTH319.001	F	GLOBAL HEALTH	CAS	ANTH	Department of Anthropology	ANTH 319 001/INTS 319 001	UGRD	This class explores some of the historical, biological, economic, medical, and social issues surrounding globalization and health consequences.
ANTH319.006	F	GLOBAL HEALTH	CAS	ANTH	Department of Anthropology		UGRD	This class explores some of the historical, biological, economic, medical, and social issues surrounding globalization and health consequences.
ANTH344.001	F	GLOBAL, SOC MOVE, ENVIRO	CAS	ANTH	Department of Anthropology		UGRD	Introduction to the study of globalization, its impact on the environment, and the ensuing response by global and local social movements. Surveys proposals for alternatives to dominant forms of globalization.
ANTH439.001	F	POLITICAL ECOLOGY	CAS	ANTH	Department of Anthropology		UGRD	Examines environmental degradation, hunger, and poverty through the lens of power relationships, particularly inequality, political and economic disenfranchisement, and discrimination. Discussion of global case studies, with a Latin American focus.
ANTH459.001	F	ECOLOGICAL ANTH	CAS	ANTH	Department of Anthropology		UGRD	Examines how human-environmental adaptations shape the economic, social, and cultural lives of hunter-gatherers, pastoralists and agriculturalists. Approaches include optimal foraging theory, political ecology and subsistence risk.
ANTH466.001	F	ALTERNATIVE ECONOMIC SYS	CAS	ANTH	Department of Anthropology		UGRD	An investigation of economic systems that are sustainable alternatives to the prevailing economic order. Topics include markets, the commons, cooperatives, local trading systems, and social movements working to achieve alternatives.
ANTH467.001	F	CULTURE WEALTH POVERTY	CAS	ANTH	Department of Anthropology		UGRD	Examines three broad perspectives used to explain inequality: ecological, cultural, and political. Students read theoretical works and evaluate arguments using ethnographies that describe local economies, institutions, and adaptive practices.
ANTH499.001	F	TOPICS IN ANTH I	CAS	ANTH	Department of Anthropology		UGRD	Subject matter will vary with instructor but will focus on some particular topic or anthropological approach. Course description is available from the departmental office.
ANTH499.053	F	TOPICS IN ANTH I- In Response to Global Crises: Co	CAS	ANTH	Department of Anthropology		UGRD	Subject matter will vary with instructor but will focus on some particular topic or anthropological approach. Course description is available from the departmental office.
ANTH51.001	F	FYS ENVIRON & AM SOCIETY	CAS	ANTH	Department of Anthropology		UGRD	This first-year seminar examines United States environmentalism and its relationship to power and privilege, consumer desire, and attachment to place. Students conduct original group research on the environmental movement.
ANTH539.001	F	ENVIRONMENTAL JUSTICE	CAS	ANTH	Department of Anthropology		UGRD	Course examining issues of race, poverty, and equity in the environmental movement. Cases include the siting of toxic incinerators in predominantly people-of-color communities to resource exploitation on indigenous lands.
ANTH599.001	F	EXP COURSE ANTH V	CAS	ANTH	Department of Anthropology		UGRD	Examines selected topics from an anthropological perspective, generally to explore the potential for a course. Course description is available from the departmental office.
ANTH61.001	F	FYS: DEEP ECONOMIES	CAS	ANTH	Department of Anthropology		UGRD	Using cultural case studies, the course examines how communities organize an economy to promote local well-being. Readings emphasize cross-cultural problems of status, trust, property, exchange and political authority.
BIOL451.001	F	COMPAR PHYSIOLOGY	CAS	BIOL	Department of Biology		UGRD	Prerequisites, BIOL 101 and 101L, and either PHYS 104 or 116 and either PHYS 105 or 117. An examination of the physiology of animals using a comparative approach. Both invertebrate and vertebrate animals are discussed in order to elucidate general principles.
BIOL565.001	F	CONSERVATION BIOL	CAS	BIOL	Department of Biology		UGRD	Prerequisite, BIOL 201. Permission of the instructor for students lacking the prerequisite. The application of biological science to the conservation of populations, communities, and ecosystems, including rare species management, exotic species invasions, management of natural disturbance, research strategies, and preserve design principles.
BUSI507.001	F	SUST BUSI AND SOCL ESHIP	KFBS	BUSI	Kenan-Flagler Business School		UGRD	Examines sustainable business and social entrepreneurship. Readings draw from anthropology, ethics, international development, and traditional and nontraditional business practices.
BUSI507.002	F	SUST BUSI AND SOCL ESHIP	KFBS	BUSI	Kenan-Flagler Business School		UGRD	Examines sustainable business and social entrepreneurship. Readings draw from anthropology, ethics, international development, and traditional and nontraditional business practices.
BUSI581.001	F	PUBLIC-PRIVATE DEV PROJECTS	KFBS	BUSI	Kenan-Flagler Business School		UGRD	Prerequisite, BUSI 408. This course introduces students to challenges and opportunities associated with using public-private partnerships as a vehicle for meeting infrastructure and economic development needs. Students will develop an understanding of how the public and private sectors can have differing perceptions of risk, success, and effectiveness associated with such projects.
CHIN456.001	F	CHINESE ENVIRONMENTAL LIT	CAS	CHIN	Department of Asian Studies		UGRD	Introduces students to Chinese and Taiwanese cultural understandings of human relations to the natural environment. Analyzes classical and modern environmental literature (poetry, essays, fiction, and philosophy) and evaluates how contemporary building practices, governmental policies, and green technologies may be influenced by diverse Chinese philosophical traditions.
CMPL260.001	F	LANDSCAPE IN LIT. & THE ARTS	CAS	CMPL	Department of English and Comparative Literature		UGRD	Explores how human interaction with the natural world is represented in the literary, visual, and performing arts from Roman fresco to the ecological art and fiction of the 21st century. Students conduct mentored research at Ackland Art Museum with peer and faculty feedback at every stage.
COMM82.001	F	FYS GLOBALIZING ORGS	CAS	COMM	Department of Communication Studies		UGRD	In this course, we explore the communication issues that arise within international contexts. Through the analysis of readings and films, we will delve into the contentious debates surrounding globalization and explore the ethical and social issues that arise within global forms of communicating and organizing.
ECOL567.001	F	ECOL ANAL & APPL	CAS	ECOL	Curriculum in Ecology	ECOL 567/ENST 567 001	UGRD	This course provides an overview of natural and social science approaches to addressing biodiversity conservation and resource management. Concepts and methods from population biology, evolutionary ecology, community ecology, and conservation biology will be complemented with approaches from common property theory, indigenous resource management, and human evolutionary ecology.
ENGL266.001	F	SCIENCE & LIT	CAS	ENGL	Department of English and Comparative Literature		UGRD	Introductory exploration of the relation between science and literature, as well as the place and value of both in the contemporary world.
ENGL475.001	F	SOUTHERN LIT-ISSUES	CAS	ENGL	Department of English and Comparative Literature	ENGL 475 001/AMST 290 002	UGRD	The study of a particular topic or genre in the literature of the United States South, more focused than students will find in ENGL 373.
ENGL89.001	F	FYS: SPECIAL TOPICS	CAS	ENGL	Department of English and Comparative Literature		UGRD	Content varies by semester.
ENST201.001	F	ENVIRONMENT AND SOCIETY	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Human-environment interactions are examined through analytical methods from the social sciences, humanities, and sciences. The focus is on the role of social, political, and economic factors in controlling interactions between society and the environment in historical and cultural contexts. Three lecture hours and one recitation hour a week.
ENST201.002	F	ENVIRONMENT AND SOCIETY	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Human-environment interactions are examined through analytical methods from the social sciences, humanities, and sciences. The focus is on the role of social, political, and economic factors in controlling interactions between society and the environment in historical and cultural contexts. Three lecture hours and one recitation hour a week.
ENST205.001	F	ENVIRONMENTAL PRACTICUM	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor required. Focuses on the interface between environment and society by examining the relationship between science and management practices. Students receive classroom lecture and then go into the field to see what role the ideas actually have in management practices. Students also learn from an active professional working in the topic area.
ENST206.001	F	ENST INTERNSHIP	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor. To enroll in ENST 293, students must submit to the director of student affairs the internship program approval form (obtained from the director). To receive credit, students must submit at the end of the internship a summary of the work conducted, which the faculty sponsor judges.
ENST206.002	F	ENST INTERNSHIP	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor. To enroll in ENST 293, students must submit to the director of student affairs the internship program approval form (obtained from the director). To receive credit, students must submit at the end of the internship a summary of the work conducted, which the faculty sponsor judges.
ENST206.003	F	ENST INTERNSHIP	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor. To enroll in ENST 293, students must submit to the director of student affairs the internship program approval form (obtained from the director). To receive credit, students must submit at the end of the internship a summary of the work conducted, which the faculty sponsor judges.
ENST206.005	F	ENST INTERNSHIP	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor. To enroll in ENST 293, students must submit to the director of student affairs the internship program approval form (obtained from the director). To receive credit, students must submit at the end of the internship a summary of the work conducted, which the faculty sponsor judges.
ENST206.006	F	ENST INTERNSHIP	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor. To enroll in ENST 293, students must submit to the director of student affairs the internship program approval form (obtained from the director). To receive credit, students must submit at the end of the internship a summary of the work conducted, which the faculty sponsor judges.
ENST207.001	F	SUSTAINABILITY INTERN	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor. This course provides an internship with a local organization on the topic of community sustainability, and explores the intellectual basis of public engagement.
ENST207.002	F	SUSTAINABILITY INTERN	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor. This course provides an internship with a local organization on the topic of community sustainability, and explores the intellectual basis of public engagement.

ENST207.003	F	SUSTAINABILITY INTERN	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor. This course provides an internship with a local organization on the topic of community sustainability, and explores the intellectual basis of public engagement.
ENST207.004	F	SUSTAINABILITY INTERN	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor. This course provides an internship with a local organization on the topic of community sustainability, and explores the intellectual basis of public engagement.
ENST207.005	F	SUSTAINABILITY INTERN	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor. This course provides an internship with a local organization on the topic of community sustainability, and explores the intellectual basis of public engagement.
ENST207.006	F	SUSTAINABILITY INTERN	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor. This course provides an internship with a local organization on the topic of community sustainability, and explores the intellectual basis of public engagement.
ENST207.007	F	SUSTAINABILITY INTERN	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Permission of the instructor. This course provides an internship with a local organization on the topic of community sustainability, and explores the intellectual basis of public engagement.
ENST208H.001	F	ENVI & SOCIETY IN THE US	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	By employing a multidisciplinary approach, this class will give students a sense of the role that the environment has played in shaping United States society and the role that our society plays in producing environmental change at the national and global level.
ENST210.001	F	ENERGY SEMINAR	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	This seminar series will provide a general introduction to energy sources, resources, technologies, and societal use from a sustainability perspective.
ENST220.01M	F	NC ESTUARIES	CAS	ENST	Curriculum for the Environment and Ecology	MASC/ENST 220.001M	UGRD	Natural processes and human impacts on estuarine systems using the Neuse River estuary as a case study. Course includes one week of intensive field work based at the Institute of Marine Sciences. A student may not receive credit for this course after receiving credit for ENST 222.
ENST225.001	F	WATER AND HUMAN RIGHTS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Water Resource Management and Human Rights explores logistical, political, social, and economic challenges in supplying every human with adequate access to clean water, the most basic human right.
ENST254.001	F	INT ENVIRONMENTAL POLITI	CAS	ENST	Curriculum for the Environment and Ecology	POLI 254/ENST 254	UGRD	Covers the politics of environmental issues, with a focus on issues that have become internationalized. It focuses on the special problems that arise in creating rules for environmental management and regulation when no single government has authority to enforce those rules. A seminar that introduces students to non-Western perspectives and comparative study of ecological, social, and economic factors that influence the welfare of contemporary African communities. Examination of famine, population growth, and health issues within the context of African cultural and social systems.
ENST266.001	F	CONTEMPORARY AFRICA	CAS	ENST	Curriculum for the Environment and Ecology	ENST/AFRI 266.001	UGRD	An overview of science, social science, and humanities perspectives on community sustainability.
ENST330.001	F	SUSTAINABILITY	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Introduction to the ecology of agricultural practices and the impact of food production on the environment. Particular attention will be paid to the constraints on agriculture which must be overcome to feed the planet's growing population.
ENST370.001	F	AGRICULTURE & ENVR	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	
ENST380.001	F	ENVIRONMENTAL ECONOMICS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Prerequisite, ECON 101. This course develops a set of core principles that are essential to understand and evaluate environmental policy and renewable resource use. These principles are primarily economic, but our discussion will also include insights from politics and ethics. The impact of building on the environment and health will be examined by looking at the major areas of: land use planning, water resource use, energy, materials and indoor environment.
ENST420.001	F	GREEN ARCH & DESIGN	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Prerequisite, BIOL 101. Explores the ecological concepts underlying ecosystem management (e.g., genetic and species diversity, stability, resilience, landscape ecology, etc.), the tools used in the approach, and case studies of how communities are implementing ecosystem management.
ENST462.001	F	ECOSYSTEM MANAGEMENT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Prerequisites, CHEM 102 and MATH 231. A field-intensive study of the ecology of marine organisms and their interactions with their environment, including commercially important organisms. Laboratory/recitation/field work is included and contributes two credit hours to the course.
ENST472.01S	F	COASTAL ECOLOGY	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	This course explores the environmental history of the Albemarle estuary and its larger watershed and explores ways in which humans can utilize this region in a more sustainable manner.
ENST474.01S	F	SUST COASTAL MANAGEMENT	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490.001	F	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology	PLCY 475 001/ENST 490 001	UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490.002	F	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology	ECOL 891.001/ENST 490.002	UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490.003	F	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology	PHYS 131.001/ENST 490.003	UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490.004	F	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology	ENST 490/ECOL 891/BIOL 568	UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490.007	F	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490.008	F	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490.01S	F	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490.03S	F	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490.04S	F	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST490.05S	F	ENST SPECIAL TOPICS	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Advanced topics from diverse areas of environmental science and/or environmental studies are explored.
ENST520.001	F	ENVIRONMENT & DEVELOPMENT	CAS	ENST	Curriculum for the Environment and Ecology	PLCY/ENST/INTS 520.001	UGRD	Reviews environmental problems in developing countries. Analyzes proposed solutions, such as legal remedies, market instruments, corporate voluntary approaches, international agreements, and development policies. Discusses the link between trade and environment, environmental cases from the World Trade Organization, and sustainable development.
ENST530.001	F	CLIMATE MODELING	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Prerequisites, MATH 231, 232, and 233; PHYS 116 and 117. Recommended preparation, MATH 383. Develops explanatory and predictive models of the earth's climate. The level is introductory and the emphasis is on modeling past climate with the hope of understanding its future.
ENST581.001	F	WATER PLAN AND PLCY	CAS	ENST	Curriculum for the Environment and Ecology	PLAN 781/ENVR 781	UGRD	Water resources demand-supply relationships, United States water resource and related water quality policy, legal structure for water allocation, planning, project and program evaluation, and pricing. Strategies for coping with floods, droughts, and climate change will be explored. Extensive use of case studies.
ENST686.001	F	ENVR POLICY INSTRUMENTS	CAS	ENST	Curriculum for the Environment and Ecology	PLCY/ENST/ENVR/PLAN 686.001	UGRD	Prerequisite, ECON 410 or PLAN 710. Design of public policy instruments as incentives for sustainable management of environmental resources and ecosystems, and comparison of the effects and effectiveness of alternative policies.
ENST698.001	F	ENST CAPSTONE	CAS	ENST	Curriculum for the Environment and Ecology	ENVR 698 001/ENST 698 001	UGRD	Interdisciplinary, team-based analyses of environmental phenomena are performed and applied to problems of the selection of effective environmental strategies. Students may select from a wide range of examples and venues.
ENST698.002	F	ENST CAPSTONE	CAS	ENST	Curriculum for the Environment and Ecology	ENVR 698 002/ENST 698 002	UGRD	Interdisciplinary, team-based analyses of environmental phenomena are performed and applied to problems of the selection of effective environmental strategies. Students may select from a wide range of examples and venues.
ENST698.003	F	ENST CAPSTONE	CAS	ENST	Curriculum for the Environment and Ecology	ENVR 698 003/ENST 698 003	UGRD	Interdisciplinary, team-based analyses of environmental phenomena are performed and applied to problems of the selection of effective environmental strategies. Students may select from a wide range of examples and venues.
ENST698.004	F	ENST CAPSTONE	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Interdisciplinary, team-based analyses of environmental phenomena are performed and applied to problems of the selection of effective environmental strategies. Students may select from a wide range of examples and venues.
ENST698.01S	F	ENST CAPSTONE	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Interdisciplinary, team-based analyses of environmental phenomena are performed and applied to problems of the selection of effective environmental strategies. Students may select from a wide range of examples and venues.
ENST698.02S	F	ENST CAPSTONE	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Interdisciplinary, team-based analyses of environmental phenomena are performed and applied to problems of the selection of effective environmental strategies. Students may select from a wide range of examples and venues.
ENST698.03S	F	ENST CAPSTONE	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Interdisciplinary, team-based analyses of environmental phenomena are performed and applied to problems of the selection of effective environmental strategies. Students may select from a wide range of examples and venues.
ENST698.04S	F	ENST CAPSTONE	CAS	ENST	Curriculum for the Environment and Ecology		UGRD	Interdisciplinary, team-based analyses of environmental phenomena are performed and applied to problems of the selection of effective environmental strategies. Students may select from a wide range of examples and venues.
ENVR230.001	F	ENVIRON HLTH ISSUES	SPH	ENVR	Gillings School of Global Public Health		UGRD	Examines key events that have shaped our understanding of the impacts of environmental agents on human health and uses them to introduce basic concepts in environmental health.
ENVR685.001	F	WATER POLICY IN LDC	SPH	ENVR	Gillings School of Global Public Health	ENVR 685/PLAN 685	UGRD	Permission of the instructor. Seminar on policy and planning approaches for providing improved community water and sanitation services in developed countries. Topics include the choice of appropriate technology and level of service, pricing, metering, and connection charges; cost recovery and targeting subsidies to the poor; water venting; community participation in the management and operation of water systems; and rent-seeking behavior in the provision of water supplies.
ENVR686.001	F	ENVR POLICY INSTRUMENTS	SPH	ENVR	Gillings School of Global Public Health	PLCY/ENST/ENVR/PLAN 686.001	UGRD	Prerequisite, ECON 410 or PLAN 710. Design of public policy instruments as incentives for sustainable management of environmental resources and ecosystems, and comparison of the effects and effectiveness of alternative policies.
GEOG112.001	F	ENVR CONSERVATION	CAS	GEOG	Department of Geography		UGRD	Survey of environmental change as driven by physical processes and human activity. Problem-solving methods are explored. Focus on issues such as global warming, ozone depletion, deforestation, extinction, pollution, wetland loss. Course provides significant background in physical geography in the context of today's most pressing environmental concerns. No laboratory. (Core)
GEOG130.001	F	DEVELOPING WORLD	CAS	GEOG	Department of Geography		UGRD	Population and ecological aspects of problems in the urban, industrial, and agricultural development of developing nations from a geographical perspective. (Core)
GEOG130.951	F	DEVELOPING WORLD	CAS	GEOG	Department of Geography		UGRD	Population and ecological aspects of problems in the urban, industrial, and agricultural development of developing nations from a geographical perspective. (Core)

GEOG212.001	F	ENV CONS GLOBAL CHANGE	CAS	GEOG	Department of Geography		UGRD	Survey of environmental change as driven by physical processes and human activity. Problem-solving methods are explored. Focus on issues such as global warming, ozone depletion, deforestation, extinction, pollution, wetland loss. This course will provide significant background in physical geography in the context of today's most pressing environmental concerns and with reference to the societal implications and management strategies. (No lab.) (Core)
GEOG228.001	F	URBAN GEOGRAPHY	CAS	GEOG	Department of Geography		UGRD	Explores the evolution, patterns, and processes of urbanization and the development of cities and city systems. Emphasis on the origin, growth, and spatial distribution of cities and on the internal spatial organization of activities within cities. (GHA)
GEOG232.001	F	AGRICULTURE-FOOD-SOCIETY	CAS	GEOG	Department of Geography		UGRD	A study of environmental parameters, cultural preferences, technological developments, and spatial economic infrastructure that result in world patterns of food consumption, production, and distribution. (GHA)
GEOG237.001	F	NATURAL RESOURCES	CAS	GEOG	Department of Geography		UGRD	An analysis of selected biological and mineral resources of the world with particular emphasis on their distribution, utilization, and management policies and on their social and economic implications. (GHA)
GEOG269.001	F	GALAPAGOS ISLANDS	CAS	GEOG	Department of Geography		UGRD	The Social and ecological implications of resource conservation and economic development in a World Heritage Site are examined in the Galapagos Islands of Ecuador.
GEOG270.001	F	GEOGRAPHY OF CHINA	CAS	GEOG	Department of Geography		UGRD	This course provides a systematic introduction to China as an emerging political and economic power. From a geographic perspective, this course addresses uneven human and physical landscapes, the historical evolution and current status of the natural environment, economic development, and human well being.
GEOG416.001	F	APPLIED CLIMATOLOGY	CAS	GEOG	Department of Geography		UGRD	Applied climatology involves the interdisciplinary application of climate data and techniques to solve a wide range of societal and environmental problems. This projects-based course investigates how climate impacts a range of sectors, including water resources, urban environments, ecosystems, and human health.
GEOG420.001	F	CONCEPTS OF HUMAN	CAS	GEOG	Department of Geography		UGRD	A systematic study of the approaches, key concepts, and methods of human geography. Emphasizes the cultural landscape and location analysis within a thematic rather than a regional framework. (Core)
GEOG434.001	F	CUL ECOLOGY OF DISEASE	CAS	GEOG	Department of Geography		UGRD	Examines the role of the interactions of cultures, environments, and human diseases in the quest for sustainable agriculture by examining the cultural ecology of agriculture systems and their human diseases. (GHA)
GEOG450.001	F	POPULATION, DEVELOPMENT & ENVR	CAS	GEOG	Department of Geography		UGRD	Introduction to contemporary and historical changes in human population, international development, and the global environment and how these processes interact, drawing on population geography as an organizing framework.
GEOG470.001	F	POLITICAL ECOLOGY	CAS	GEOG	Department of Geography		UGRD	Examines foundational concepts and methods and their relevance for understanding nature-society relationships. Discussions on environmental change and conflict and how nature is bound up with relations of power and constructions of identity.
GEOG650.001	F	TECHNOLOGY AND DEMOCRACY	CAS	GEOG	Department of Geography		UGRD	Are technological choices open to democratic participation? Through a novel research workshop format, this graduate and undergraduate course explores political and geographical dimensions of technological change around key environmental issues--energy, water, and waste. Required preparation, one introductory geology course numbered below GEOL 202, except first-year seminar. Environmental and human problems connected with uses of earth materials and with geological processes. Mineral and water resources, land-use planning, and engineering geology.
GEOL211.001	F	ENVIRONMENTAL GEOL	CAS	GEOL	Department of Geology		UGRD	Discussions are centered on the most pressing issues of our time: environmental deterioration and construction of a sustainable (livable) world during and after the depletion of traditional energy resources.
GEOL76.001	F	FYS ENERGY/HUNGRY PLANET	CAS	GEOL	Department of Geology		UGRD	An investigation of the geologic evolution and function of coastal environments, the recent effects of coastal development and engineering, and an examination of existing coastal management strategies and the tensions between coastal development and the desire to preserve natural environments.
GEOL79.001	F	COASTS IN CRISIS	CAS	GEOL	Department of Geology		UGRD	The course examines 20th-century European history through the lenses of women's autobiographical writings. It explores women's voices from different generational, social, and national backgrounds and asks what formed their memories.
HIST72H.001	F	EUR HIST FEMALE MEMORY	CAS	HIST	Department of History		UGRD	
HNRS352.002	F	SOC & BEHAV SCIENCE	CAS	HNRS	Honors Carolina		UGRD	
HNRS353.015	F	HISTORICAL ANALYSIS	CAS	HNRS	Honors Carolina		UGRD	
HNRS390.003	F	HONORS CONTRACT	CAS	HNRS	Honors Carolina		UGRD	Allows honors students to take enhanced versions of regularly offered courses in their major for honors credit. Proposals must be submitted and approved by the Assistant Dean of Honors.
HPM510.001	F	ETHICAL ISSUES IN HPM	SPH	HPM	Gillings School of Global Public Health		UGRD	Introduction to ethical issues in health policy and management, including rationing, managed care, clinical research, organizational ethics and compliance programs, administrative ethics, and bioethical issues such as assisted suicide.
HPM664.001	F	GLOBALIZ & HLTH	SPH	HPM	Gillings School of Global Public Health	HPM 664/MHCH 664	UGRD	Globalization--its economic, environmental, political, technological, institutional, and sociocultural dimensions--historically and currently contributes to beneficial and adverse effects on population, community, and family and individual health.
INTS319.001	F	GLOBAL HEALTH	CAS	INTS	CAS	ANTH 319 001/INTS 319 001	UGRD	This class explores some of the historical, biological, economic, medical, and social issues surrounding globalization and health consequences.
INTS390.002	F	CURRENT TOPICS	CAS	INTS	CAS		UGRD	Topics vary from semester to semester.
JOMC491.003	F	SPCL SKILLS IN MASS COMM	SOJ	JOMC	School of Journalism and Mass Communication		UGRD	Courses on various skills in journalism-mass communication with subjects and instructors varying each semester. This course satisfies a skills- or craft-course requirement. Descriptions for each section available on the school's Web site under Course Details.
MASC310.001	F	OUR CHANGING PLANET	CAS	MASC	Department of Marine Sciences		UGRD	An overview of the scientific basis for global warming, current and future impacts on society, options for mitigation and adaptation, and the role of politics and the media.
MASC460.001	F	ENVIRON FLUID DYNAMICS	CAS	MASC	Department of Marine Sciences	GEOL460/MASC460/ENVR460	UGRD	Prerequisite, MATH 232. Permission of the instructor for students lacking the prerequisite. Principles and applications of fluid dynamics to flows of air and water in the natural environment. Conservation of momentum, mass, and energy applied to lakes, rivers, estuaries, and the coastal ocean. Dimensional analysis and scaling emphasized to promote problem-solving skills.
MASC490.001	F	SPEC TOPICS MASC	CAS	MASC	Department of Marine Sciences		UGRD	Directed readings, laboratory, and/or field study of marine science topics not covered in scheduled courses.
MASC58.001	F	FYS CONNECT TO THE SEA	CAS	MASC	Department of Marine Sciences		UGRD	This course explores the natural history of several inlets, impact of human intervention, and political/policy challenges faced; includes several group projects/presentations and a field trip to a coastal inlet.
MHCH664.001	F	GLOBALIZ & HLTH	SPH	MHCH	School of Public Health	HPM 664/MHCH 664	UGRD	Globalization--its economic, environmental, political, technological, institutional, and sociocultural dimensions--historically and currently contributes to beneficial and adverse effects on population, community, and family and individual health.
MUSC286.001	F	MUSIC AS CULTURE	CAS	MUSC	Department of Music		UGRD	May be repeated for credit if on a different topic. May not count for music or general elective credit for music majors. Music in the framework of its social, political, economic, and cultural contexts.
MUSC286.002	F	MUSIC AS CULTURE	CAS	MUSC	Department of Music		UGRD	May be repeated for credit if on a different topic. May not count for music or general elective credit for music majors. Music in the framework of its social, political, economic, and cultural contexts.
MUSC286.003	F	MUSIC AS CULTURE	CAS	MUSC	Department of Music		UGRD	May be repeated for credit if on a different topic. May not count for music or general elective credit for music majors. Music in the framework of its social, political, economic, and cultural contexts.
MUSC286.015	F	MUSIC AS CULTURE	CAS	MUSC	Department of Music		UGRD	May be repeated for credit if on a different topic. May not count for music or general elective credit for music majors. Music in the framework of its social, political, economic, and cultural contexts.
NUTR245.001	F	SUSTAINABLE LOCAL FOOD SYSTEMS	SPH	NUTR	Gillings School of Global Public Health		UGRD	Examines the intersection of local foods and public health with respect to nutrition and environmental, economic, and community issues. Students explore impacts and potential solutions of the increasingly industrialized and centralized food system, while assisting community partners to increase opportunities for farmers, local food marketers, distributors, and entrepreneurs.
PHYS131.001	F	PHYSICS OF ENERGY	CAS	PHYS	Department of Physics and Astronomy	PHYS 131.001/ENST 490.003	UGRD	Corequisite, PHYS 131L. A quantitative exploration of the physical principles behind energy development and use within modern civilization, the stark impact of depleted fossil fuel reserves, and alternative sources.
PHYS71.001	F	FYS CHEAP OIL	CAS	PHYS	Department of Physics and Astronomy		UGRD	This seminar quantifies what will be required to supplement declining supplies of cheap oil for transportation with increased electrification from non-fossil fuel sources. What are viable paths forward to a decarbonized or carbon-neutral energy system?
PLAN246.001	F	CITIES OF THE FUTURE	CAS	PLAN	Department of City and Regional Planning		UGRD	Introduction to the evolution of cities in history, to the concept of urban morphology or form, and to the different elements or subsystems of the urban system and how they have changed over time.
PLAN330.001	F	PRINCIPLES OF SUSTAINABILITY	CAS	PLAN	Department of City and Regional Planning	PLAN330/ENST330.001	UGRD	Provides students with a general introduction to the concept of sustainability and how it is represented in public and academic discourse and practiced in institutions, businesses, and communities.
PLAN499.001	F	EXPERIMENTAL UNDERGRAD	CAS	PLAN	Department of City and Regional Planning		UGRD	The functioning of the urban area as a complex system. Analysis of planning and policies aimed at development and change. The course is generally taken for three credits.
PLAN499.01M	F	EXPERIMENTAL UNDERGRAD	CAS	PLAN	Department of City and Regional Planning		UGRD	The functioning of the urban area as a complex system. Analysis of planning and policies aimed at development and change. The course is generally taken for three credits.
PLAN499.022	F	EXPERIMENTAL UNDERGRAD	CAS	PLAN	Department of City and Regional Planning		UGRD	The functioning of the urban area as a complex system. Analysis of planning and policies aimed at development and change. The course is generally taken for three credits.
PLAN499.057	F	EXPERIMENTAL UNDERGRAD	CAS	PLAN	Department of City and Regional Planning		UGRD	The functioning of the urban area as a complex system. Analysis of planning and policies aimed at development and change. The course is generally taken for three credits.
PLAN499.059	F	EXPERIMENTAL UNDERGRAD	CAS	PLAN	Department of City and Regional Planning		UGRD	The functioning of the urban area as a complex system. Analysis of planning and policies aimed at development and change. The course is generally taken for three credits.
PLAN499.061	F	EXPERIMENTAL UNDERGRAD	CAS	PLAN	Department of City and Regional Planning		UGRD	The functioning of the urban area as a complex system. Analysis of planning and policies aimed at development and change. The course is generally taken for three credits.

PLAN499.063	F	EXPERIMENTAL UNDERGRAD	CAS	PLAN	Department of City and Regional Planning		UGRD	The functioning of the urban area as a complex system. Analysis of planning and policies aimed at development and change. The course is generally taken for three credits.
PLAN499.067	F	EXPERIMENTAL UNDERGRAD	CAS	PLAN	Department of City and Regional Planning		UGRD	The functioning of the urban area as a complex system. Analysis of planning and policies aimed at development and change. The course is generally taken for three credits.
PLAN55.001	F	FYS SUSTAINABLE CITIES	CAS	PLAN	Department of City and Regional Planning		UGRD	How can the sustainability of cities and their ability to meet the needs of disadvantaged groups be improved? In this seminar students will look at the evolution of cities throughout history to find out how they have coped with threats to sustainability.
PLAN590.001	F	SPECIAL TOPICS SEMINAR	CAS	PLAN	Department of City and Regional Planning		UGRD	Original research, fieldwork, readings, or discussion of selected planning issues under guidance of a member of the faculty.
PLAN636.001	F	URBAN TRANSPORT PLA	CAS	PLAN	Department of City and Regional Planning		UGRD	Fundamental characteristics of the urban transportation system as a component of urban structure. Methodologies for the analysis of transportation problems, planning urban transportation, and the evaluation of plans.
PLAN637.001	F	PUBLIC TRANSPORT	CAS	PLAN	Department of City and Regional Planning		UGRD	Alternative public urban transportation systems including mass transit, innovative transit services, and paratransit, examined from economic, land use, social, technical, and policy perspectives.
PLAN638.001	F	PED/BIKE TRANSPORTATION	CAS	PLAN	Department of City and Regional Planning		UGRD	This graduate-level course examines the importance of multimodal transportation planning and provides a comprehensive overview of best planning practices to support increased walking and bicycling.
PLAN641.001	F	ECOLOGY/LAND USE PLAN	CAS	PLAN	Department of City and Regional Planning		UGRD	Integration of the structure, function, and change of ecosystems with a land use planning framework. How land use planning accommodates human use and occupancy within ecological limits to sustain long-term natural system integrity.
PLAN89.001	F	FYS - SPECIAL TOPICS	CAS	PLAN	Department of City and Regional Planning		UGRD	Special topics conent vary each semester
PLAN89.002	F	FYS - SPECIAL TOPICS	CAS	PLAN	Department of City and Regional Planning		UGRD	Special topics conent vary each semester
PLCY475.001	F	POLITICAL ECON OF FOOD	CAS	PLCY	Department of Public Policy	PLCY 475 001/ENST 490 001	UGRD	This course examines the political and economic dimensions of the food we eat, how it is produced, who eats what, and related social and environmental issues, both domestic and international, affecting the production, pricing, trade, distribution, and consumption of food.
PLCY520.001	F	ENVIRONMENT &DEVELOPMENT	CAS	PLCY	Department of Public Policy	PLCY/ENST/INTS 520.001	UGRD	Reviews environmental problems in developing countries. Analyzes proposed solutions, such as legal remedies, market instruments, corporate voluntary approaches, international agreements, and development policies. Discusses the link between trade and environment, environmental cases from the World Trade Organization, and sustainable development.
PLCY686.001	F	ENVR POLICY INSTRUMENTS	CAS	PLCY	Department of Public Policy	PLCY/ENST/ENVR/PLAN 686.001	UGRD	Prerequisite, ECON 410 or PLAN 710. Design of public policy instruments as incentives for sustainable management of environmental resources and ecosystems, and comparison of the effects and effectiveness of alternative policies.
POLI254.001	F	INT ENVIRONMENTAL POLITI	CAS	POLI	Department of Political Science	POLI 254/ENST 254	UGRD	Covers the politics of environmental issues, with a focus on issues that have become internationalized. It focuses on the special problems that arise in creating rules for environmental management and regulation when no single government has authority to enforce those rules.
PUBH510.001	F	INTER PRE GLOB HEALTH	SPH	PUBH	Gillings School of Global Public Health		UGRD	Explores issues, problems, and controversies in global health through an interdisciplinary perspective; examines the complex tapestry of social, economic, political, and environmental factors that affect global health; analyzes global health disparities through a social justice and human rights lens; and exposes students to opportunities in global health work and research.
PUBH510.002	F	INTER PRE GLOB HEALTH	SPH	PUBH	Gillings School of Global Public Health		UGRD	Explores issues, problems, and controversies in global health through an interdisciplinary perspective; examines the complex tapestry of social, economic, political, and environmental factors that affect global health; analyzes global health disparities through a social justice and human rights lens; and exposes students to opportunities in global health work and research.
PUBH510.975	F	INTER PRE GLOB HEALTH	SPH	PUBH	Gillings School of Global Public Health		UGRD	Explores issues, problems, and controversies in global health through an interdisciplinary perspective; examines the complex tapestry of social, economic, political, and environmental factors that affect global health; analyzes global health disparities through a social justice and human rights lens; and exposes students to opportunities in global health work and research.
SOWO401.01W	F	MANAG EFFCTS DISASTRS	SSW	SOWO	School of Social Work		UGRD	Designed to examine the effects that disasters have on children, their families, and on communities, this course gives students an understanding of how to deal with survivors' reactions to trauma and how to decrease the chances of long-term damage when disaster strikes.
SPCL400.002	F	C-START	CAS	SPCL	Office of Undergraduate Curricula		UGRD	A one-credit hour seminar designed and taught by students under the guidance of a faculty mentor. Pass/fail only.
SPCL400.007	F	C-START	CAS	SPCL	Office of Undergraduate Curricula		UGRD	A one-credit hour seminar designed and taught by students under the guidance of a faculty mentor. Pass/fail only.
SPCL400.009	F	C-START	CAS	SPCL	Office of Undergraduate Curricula		UGRD	A one-credit hour seminar designed and taught by students under the guidance of a faculty mentor. Pass/fail only.
TOTAL Focused Undergrad	F						UGRD	
ANTH897.037	F	SEM: SELECTED TOPICS	CAS	ANTH	Department of Anthropology		GRAD	Topic determined by instructor and announced in advance.
ENVR755.001	F	WATER RESOURCE SYSTEMS	SPH	ENVR	Gillings School of Global Public Health		GRAD	Permission of the instructor for nonmajors. Use of mathematical models to design and evaluate regional water supply and treatment systems. Engineering and economic methods are incorporated into quantitative analyses of regional scenarios. Social and political aspects also discussed. Three lecture hours per week.
ENVR781.001	F	WATER RES PLAN	SPH	ENVR	Gillings School of Global Public Health	PLAN 781/ENVR 781	GRAD	Water resources planning and management. Federal and state water resources policies. Analytical skills to identify environmental problems associated with urban water resources development.
ENVR785.001	F	PUBLIC INVESTMENT THEORY	SPH	ENVR	Gillings School of Global Public Health	PLAN 785/ENVR 785	GRAD	Prerequisite, PLAN 710. Basic theory, process, and techniques of public investment planning and decision making, involving synthesis of economic, political, and technologic aspects. Theory underlying benefit-cost analysis, adaptation to a descriptive and normative model for planning public projects and programs.
ENVR890.006	F	SPECIAL TOPICS/ESE	SPH	ENVR	Gillings School of Global Public Health		GRAD	Permission of the department. For students outside the department who wish to undertake individual study of a specific problem in environmental sciences and engineering. The subject and requirements of the project are arranged with the faculty in each individual instance. One or more hours per week.
ENVR890.007	F	SPECIAL TOPICS/ESE	SPH	ENVR	Gillings School of Global Public Health		GRAD	Permission of the department. For students outside the department who wish to undertake individual study of a specific problem in environmental sciences and engineering. The subject and requirements of the project are arranged with the faculty in each individual instance. One or more hours per week.
EPID898.001	F	GLOBAL HLTH ETHICS SEM	SPH	EPID	Gillings School of Global Public Health		GRAD	Required preparation, basic knowledge of epidemiology or permission of instructor. This seminar aims to introduce students to the myriad of complex ethical issues that arise from health research, health policy, and health care practice in both domestic and international contexts.
LAW239.001	F	NATURAL RESOURCES LAW	LAW	LAW	School of Law		LAW	
LAW241.001	F	ENVIRONMENTAL LAW	LAW	LAW	School of Law		LAW	
LAW262.001	F	ENV OCEAN & COASTAL LAW	LAW	LAW	School of Law		LAW	
LAW455.001	F	ENVIRONMENTAL MARKETS	LAW	LAW	School of Law		LAW	This course will include a general discussion of environmental markets, including specifics about water nutrient trading and renewable energy credits, which also allows a discussion of how law addresses such markets when in simultaneous action ("Stacking"). Students will both individually and in teams study and address problems associated with environmental markets policy & law.
LAW460.009	F	SPECIAL TOPICS IN LAW	LAW	LAW	School of Law		LAW	
MBA713.001	F	SUSTAINABLE OPERATIONS	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA713.002	F	SUSTAINABLE OPERATIONS	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA790.001	F	ENERGY PROJECT FINANCE	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA807C.001	F	LDRSHP IMMERSION CAP	KFBS	MBA	Kenan-Flagler Business School		GRAD	The objectives of this course are to profoundly impact your knowledge, skills, and self-insight around leadership. The Leadership Immersion Capstone focuses on several core areas that have been consistently identified as key development areas by students, recruiters, and practicing leaders.
MBA807C.003	F	LDRSHP IMMERSION CAP	KFBS	MBA	Kenan-Flagler Business School		GRAD	The objectives of this course are to profoundly impact your knowledge, skills, and self-insight around leadership. The Leadership Immersion Capstone focuses on several core areas that have been consistently identified as key development areas by students, recruiters, and practicing leaders.
MBA815B.001	F	TOPICS SUST ENTERPRISE	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA831C.001	F	STRATEGIC CORP SOC RESP	KFBS	MBA	Kenan-Flagler Business School		GRAD	This course exposes students to the complex field of corporate social responsibility as a business strategy -- a corporate strategy that is integrated with core business objectives and core competencies to create positive business value and social and environmental value.
MBA831C.002	F	STRATEGIC CORP SOC RESP	KFBS	MBA	Kenan-Flagler Business School		GRAD	This course exposes students to the complex field of corporate social responsibility as a business strategy -- a corporate strategy that is integrated with core business objectives and core competencies to create positive business value and social and environmental value.
MBA833A.001	F	SYSTEMS THINKING: SUST	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA850A.001	F	SUST COMMUNITY DEVEL	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA850A.957	F	SUST COMMUNITY DEVEL	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA855.001	F	INNOV IN GREEN BLDG	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA855.002	F	INNOV IN GREEN BLDG	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA862.001	F	INTL DEVELOPMENT	KFBS	MBA	Kenan-Flagler Business School		GRAD	
MBA862.956	F	INTL DEVELOPMENT	KFBS	MBA	Kenan-Flagler Business School		GRAD	

MBA869.001	F	CORP ENVIRON STRAT	KFBS	MBA	Kenan-Flagler Business School		GRAD	This course is designed to increase students understanding of the strategies undertaken by corporations to (1) minimize environmental impact, (2) mitigate risks and manage under conditions of uncertainty, and (3) leverage environmental concern as a source of competitive business advantage.
MBA869.002	F	CORP ENVIRON STRAT	KFBS	MBA	Kenan-Flagler Business School		GRAD	This course is designed to increase students understanding of the strategies undertaken by corporations to (1) minimize environmental impact, (2) mitigate risks and manage under conditions of uncertainty, and (3) leverage environmental concern as a source of competitive business advantage.
MBA869C.001	F	PUBLIC-PRIVATE DEV PROJ	KFBS	MBA	Kenan-Flagler Business School		GRAD	This course is designed to introduce students to infrastructure, project, and public finance components of mega-projects worldwide such as airports, highways, and port developments. The course will complement the business skills of students with public policy and strategic planning knowledge associated with large-scale public-private partnerships and government funded mega-project ventures.
NUTR735.001	F	NATL NUTR ISSUES	SPH	NUTR	Gillings School of Global Public Health		GRAD	Prerequisite, NUTR 725. Permission of the instructor for students lacking the prerequisite. Three-day in-depth seminar held in Washington, DC on national nutrition issues, policy formulation, and program development with key congressional staff, federal agencies staff, and pertinent public interest/consumer advocacy groups. Paper required. Field fee required.
NUTR780.001	F	PH ENTREPRENEURSHIP	SPH	NUTR	Gillings School of Global Public Health	NUTR/HPM 780.001	GRAD	Permission of the instructor (complete application: www.unc.edu/cei/grad). Basic concept underlying commercial and social entrepreneurship applied to public health, including guest lectures by individuals with proven success in these areas.
NUTR875.001	F	NUTR POLICY SEMINAR	SPH	NUTR	Gillings School of Global Public Health		GRAD	Permission of the instructor. Doctoral seminar to introduce federal policy strategies for monitoring and improving nutritional status of populations. Five policy areas will be covered: national nutrition objectives/planning strategies, dietary guidance, nutrition surveillance/monitoring, economic policy as related to federal feed programs, and policy analysis.
PLAN744.001	F	DEV/ENVR MANAGEMENT	CAS	PLAN	Department of City and Regional Planning		GRAD	Coordination of public powers and private actions to implement development plans and conserve environmental resources. Regulatory, public investment, incentive, and policy instruments used in land use and environmental guidance systems.
PLAN785.001	F	PUBLIC INVESTMENT THEORY	CAS	PLAN	Department of City and Regional Planning	PLAN 785/ENVR 785	GRAD	Prerequisite, PLAN 710. Basic theory, process, and techniques of public investment planning and decision making, involving synthesis of economic, political, and technologic aspects. Theory underlying benefit-cost analysis, adaptation to a descriptive and normative model for planning public projects and programs.
PUBH711.01W	F	CRITICAL ISS IN GLOB PH	SPH	PUBH	Gillings School of Global Public Health		GRAD	This course teaches systems thinking by exploring how social, political, economic, and environmental factors around the world affect the health of populations. Each lesson covers one critical global health issue.
PUBH711.956	F	CRITICAL ISS IN GLOB PH	SPH	PUBH	Gillings School of Global Public Health		GRAD	This course teaches systems thinking by exploring how social, political, economic, and environmental factors around the world affect the health of populations. Each lesson covers one critical global health issue.
PUBH711.960	F	CRITICAL ISS IN GLOB PH	SPH	PUBH	Gillings School of Global Public Health		GRAD	This course teaches systems thinking by exploring how social, political, economic, and environmental factors around the world affect the health of populations. Each lesson covers one critical global health issue.
PUBH711.965	F	CRITICAL ISS IN GLOB PH	SPH	PUBH	Gillings School of Global Public Health		GRAD	This course teaches systems thinking by exploring how social, political, economic, and environmental factors around the world affect the health of populations. Each lesson covers one critical global health issue.
PUBH711.966	F	CRITICAL ISS IN GLOB PH	SPH	PUBH	Gillings School of Global Public Health		GRAD	This course teaches systems thinking by exploring how social, political, economic, and environmental factors around the world affect the health of populations. Each lesson covers one critical global health issue.
SOWO875.001	F	COMMUNITY: THRY & PRACT	SSW	SOWO	School of Social Work		GRAD	Prerequisites, SOWO 500, 505, 517, and 570. Engages students in examining theory and planning strategies for community practice within complex political and economic environments, emphasizing values and intervention methods.
SOWO875.002	F	COMMUNITY: THRY & PRACT	SSW	SOWO	School of Social Work		GRAD	Prerequisites, SOWO 500, 505, 517, and 570. Engages students in examining theory and planning strategies for community practice within complex political and economic environments, emphasizing values and intervention methods.
SOWO875.095	F	COMMUNITY: THRY & PRACT	SSW	SOWO	School of Social Work		GRAD	Prerequisites, SOWO 500, 505, 517, and 570. Engages students in examining theory and planning strategies for community practice within complex political and economic environments, emphasizing values and intervention methods.
SOWO880.001	F	SUSTAINABLE DEVELOP	SSW	SOWO	School of Social Work		GRAD	Prerequisites, SOWO 517 and 570. Examines perspectives and models of sustainable development. Students will analyze a project and present a participatory plan for engaging in sustainable development work.
SOWO880.083	F	SUSTAINABLE DEVELOP	SSW	SOWO	School of Social Work		GRAD	Prerequisites, SOWO 517 and 570. Examines perspectives and models of sustainable development. Students will analyze a project and present a participatory plan for engaging in sustainable development work.
Total Foused Grad	F						GRAD	