

# COURSE DESCRIPTIONS

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# AMERICAN STUDIES COURSES

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All course offerings are contingent on budgetary allocations, faculty resources, and enrollment figures, and unless otherwise indicated, are offered in accordance with student demand.

Required courses are offered every semester. Most courses are offered on a two year cycle. Some courses listed below are offered on varying schedules and are not necessarily offered each semester or each year.

**AS1152 Themes in U.S. History 4 cr.**

The course is an introduction to major issues in the history of the United States, from colonial times to the twentieth century. Topics include: the origins of slavery and racism; industrialization and the growth of cities and suburbs; the growth of the American empire; movements for social change.

Prerequisite: BE II placement.

**AS1155 Themes in U.S. Literature 4 cr.**

This course examines characteristic themes of U.S. literature. Topics will vary from semester to semester. Sometimes the focus will be on a meta-theme like the American Dream, and how it changed over time. Sometimes the focus will be on the themes of a tradition (e.g. Modernism), sometimes the themes of a genre or a particular writer will be explored. Emphasis will be on understanding how these themes emerge from and express social realities, and what their influence has been.

Prerequisite: BE II placement.

**AS1162 Social Control and Social Change 4 cr.**

This course explores social control as the means by which power is exercised and maintained in American society: repression, racism, sexism, education, media, work, class divisions, and political parties. In other words, who controls whom, and how? The course emphasizes the balance between social control, social protest, and social change.

Prerequisite: BE II placement.

**AS1512 Introduction to Women's Studies 4 cr.**

Explores the development of women's lives, from childhood through adolescence to maturity. Focuses on the family, school, sexuality, and career options, and how these experiences and choices are affected by race, class, religion, ethnic origin, and gender. Readings include fiction, autobiography, history, and social science. Offered every semester.

Prerequisite: BE II placement.

**AS2202 Contemporary U.S. Society 4 cr.**

An introduction to social, economic and political stratification in the United States. Sources and consequences of inequality are explored through an examination of educational, political, and occupational structures.

Prerequisite: EC I placement.

**AS2275 Current Issues 4 cr.**

This course is a lecture series; the topics include current controversies such as: racism in a multicultural world, the Earth: will it survive?, wealth and poverty, media, violence, health care, and the family. The course includes readings pertinent to each subject from newspapers, magazines, texts and novels. Lectures are open to the entire college community.

Prerequisite: EC I placement.

**AS2282 Introduction to African-American Studies 4 cr.**

This is an introductory course in the themes and issues of African-American history. Topics include: the origins and development of slavery and racism; African-American contributions to U. S. history; major African-American writers, artists, and thinkers; movements for political, racial, and economic equality.

Prerequisite: EC I placement.

**AS2422 The Family: Institution in Crisis 4 cr.**

Examines various theories of modern family life, power relations within the family, interaction between family and social forces, the future of the family. Brings together anthropology, history, and sociology to understand the family as part of a larger network of social relations.

Prerequisite: EC I placement.

**AS2602 Introduction to U.S. Literature 4 cr.**

Introduction to U.S. Literature is a basic survey course. It focuses on prominent writers from different periods and their contributions to American life and letters.

Prerequisite: EC I placement.

**AS2652 Culture, Communications and Society 4 cr.**

Examines the development of the mass communications industries in the U.S.: newspapers, advertising, T.V., film and radio are among the media explored. This course is primarily concerned with the impact of media on our lives. It emphasizes the content of media, the

patterns of control, and the impact of developing technologies. Offered every year.

Prerequisite: EC I placement.

**AS2752 American Autobiography**

**4 cr.**

This course studies the form of autobiography through weekly writings about the student's own life. Focuses on the most important elements of identity in America: class, race and gender. Students read authors' and students' autobiographies to learn about writing as a craft, finding one's own style, developing confidence in it and working at it. Offered periodically.

Prerequisite: EC I placement.

**AS2802 Introduction to Journalism and Media**

**4 cr.**

The introductory course in journalism in all its present forms: newspapers, television, radio, video, magazines. The course covers the American journalistic tradition—its ideals and history. Students also receive practical training in journalistic skills: they report and write news and feature stories, editorials, and reviews. The course makes use of the college's TV studio and portable TV equipment. Offered every semester.

Prerequisite: EC I placement.

**\*AS2812 Community Journalism Internship**

**4 cr.**

In this internship students work at community newspapers on Long Island and in New York City, to learn about journalism first-hand. Students meet regularly with the instructor to discuss and analyze their experiences. Each student prepares a portfolio from the internship and an essay on the experience.

Prerequisites: EC I placement; permission of instructor.

**AS3112 American People I**

**4 cr.**

History of the American people to 1877 which emphasizes the experience of "ordinary" people as well as the contributions of elites. Topics include: the American Revolution and the Constitution, the origins and development of slavery, the development of Northern capitalism, territorial expansion and displacement of Native Americans, and the conflicts which led to the Civil War. Novels and films supplement more traditional texts. Offered every semester.

Prerequisite: EC II placement.

**AS3122 American People II**

**4 cr.**

History of the American people, 1877 to present. Topics include: Reconstruction, the Industrial Revolution and the growth of the corporation, the creation of the working class, World Wars and American expansion, Progressivism, the Depression and the New Deal, the rise of industrial unionism, the Cold War, and the Civil Rights movement. Novels and films supplement more traditional texts. Offered every semester.

Prerequisite: EC II placement.

**AS3130 The Black Church in America**

**4 cr.**

This course examines the development of the Black Christian Church in its visible and "invisible" institutional forms during the colonial period, and the merging of these two branches, free and slave, following the Civil War. Also the emergence of Holiness and Pentecostal sects, the impact of urban migrations on black spiritual expression, the Black church and civil rights, gender issues, and the recent challenge of Islam will be covered.

Prerequisite: EC II placement.

**AS 3200 Working America**

**4 cr.**

America has often been thought of as a classless society, though early in U.S. history with the rise of wage labor and industrialism, Americans became increasingly divided by class. This course examines working Americans from the colonial era to the present. It examines how workers—men and women; white, black and ethnic-lived, how they worked, and how they played. Attention is given to the rise of mass production, and how mass production and consumption changed working Americans' lives. The variety of political, cultural and economic ways that workers sought to better their lives is also explored.

Prerequisite: EC II placement.

**AS3222 History of City and Suburb**

**4 cr.**

An examination of the growth and development of U.S. cities and suburbs in the 19th and 20th centuries, including their physical form, economic conditions, social life, and politics. Although the course will be broad in scope, particular attention will be given to New York City and its suburbs.

Prerequisite: EC II placement.

**AS3225 Long Island History**

**4 cr.**

Long Island History will explore the development of Long Island from Dutch Settlement days through 1980. Students will explore Long Island through a number of unique perspectives—literature, history texts, site visits, films and speakers. In literature, readings will focus on a series of Long Island writers from personal diaries to Walt Whitman, F. Scott Fitzgerald, Susan Isaacs, and others. In history texts, selections will include African-Americans' and immigrants' experiences; The Revolutionary War; The Underground Railroad; maritime and agricultural history; Gold Coast hideaway for the rich and famous; Cradle of Aviation, roads, railroads, the middle class, politics and Robert Moses; WWII and the rise of technology; suburban archetype, suburban Paradise; Racing to the Moon; and ethnic and religious

diversity. Scheduled site visits—museums, places of worship, historical sites, working harbors, ethnic enclaves, and food emporiums—will enhance the reading materials. Selected films on Native Americans, the Brooklyn Bridge, mansions of the Gold Coast, the Baymen and major league baseball will round out our picture of Long Island, past and present. Finally, guest speakers will include two Long Island natives who will provide remembrances about “their Long Island.”

Prerequisite: EC II placement.

**AS3252 U.S. Social Movements 4 cr.**

This course explores the causal conditions, nature, and impact of progressive social movements in America. Varying sets of activist biographies and social movement histories related either by period or theme will be selected for study. Possible topics include the abolition, temperance, feminist, peace, labor, civil rights, reproductive rights, and environmental movements.

Prerequisite: EC II placement.

**AS3262 African-American History I 4 cr.**

A history of the African American experience, the origins in Africa, the slave trade, plantation slavery and the Civil War. Course covers major movements and figures during the period 1609-1865.

Prerequisite: EC II placement.

**AS3263 African American History II 4 cr.**

An historical survey of African American history from the Civil War to the present. The course examines Reconstruction, the rise of segregation, the migration to the north and west, protest organizations and the Civil Rights movement.

Prerequisite: EC II placement.

**AS3270 Africans in the Americas 4 cr.**

This course will explore the history of these scattered populations of Africa, their dispersal to the various regions of the world, especially the Western hemisphere, the circumstances and institutions which shaped the evolution of these diaspora communities, and the continuing physical and emotional ties to Africa and Africans. The dispersal of black people from their homes in the continent of Africa to the diverse geographical sites all around the world is one of the more momentous, historical and sociological events in the trajectory of world history.

Prerequisite: EC II placement.

**AS3402 Women, Work and Careers 4 cr.**

This course is an historical overview of women's work in the United States. It covers colonial times to the present system of sex-segregated work. It looks at developments in unpaid work such as housework and child rearing, as well as developments in work for wages, technology, unions, education, and social welfare. Changing career options for women is explored.

Prerequisite: EC II placement.

**AS3412 African American Women's History 4 cr.**

This course focuses on the distinct experiences of African-American women in the 19th and 20th centuries. The course includes the experiences of women in slavery, social movements, abolition, anti-lynching, suffrage, civil rights, and Black Power as well as the writings and lives of the major figures.

Prerequisite: EC II placement.

**AS3432 Women: Cultural Issues 4 cr.**

An interdisciplinary course that looks at the lives of women across the world. Readings and materials focus on the variety of circumstances in which women live, the factors that directly influence their situation, the interaction between cultural constraints and existential possibilities, and women's efforts to change and improve their own and others' lives.

Prerequisite: EC II placement.

**\*AS3442 Feature Writing 4 cr.**

This is a practical course in the basics of writing feature articles for newspapers and magazines. Students learn how to research, write and edit feature articles. They will study the different techniques used in a variety of feature articles - human interest, travel, seasonal, humor, sports, science, personality profiles, and personal experiences - and write such articles themselves.

Prerequisites: AS2802; EC II placement.

**AS3452 Growing Up Female 4 cr.**

A variety of influences condition the expectations that young women have for themselves and for their futures. This interdisciplinary course looks at some of the factors that influence that process. Special emphasis on theories about female development, the requirements and expectations that parents, schools, experts and the media project, the challenges and opportunities of being female in the United States, and the different ways women can and do respond to their circumstances.

Prerequisite: EC II placement.

**AS3462 History of Women in the U.S. 4 cr.**

This course surveys women's experience from 1620 to the present. The course analyzes women's connection to key aspects of American history such as the American Revolution, slavery and the 20<sup>th</sup> century development of the welfare state. This course posits women as agents of change in American history, but the course also examines how the study of women over time raises questions about traditional

chronologies of American history. Students will be introduced to well-known and little known women and their individual and collective attempts to reshape American society through examination of diaries, autobiographies, fiction, government hearings and film.

Prerequisite: ECII placement.

### **AS3482 History of Love and Sexuality**

**4 cr.**

This course examines the politics, psychology, and culture of sex and love in the past 2,000 years, as well as the material base of romance. The social constructions of love and sexuality are explored. Students read novels, poems, love songs, and soap operas, along with traditional historical materials. Special emphasis is given to ideas and practices of Greek, Roman, Christian, Victorian, and modern sexuality and romance. Topics include AIDS, rape, prostitution and pornography.

Prerequisite: EC II placement.

### **AS3532 Literature of African-American Women**

**4 cr.**

A survey course that examines novels, short stories, autobiographies, essays, poetry and drama written by African-American women from slavery to the present. Special emphasis will be given on the changing ways that African-American women have understood and expressed their experience.

Prerequisite: EC II placement.

### **AS3612 African-American Literature**

**4 cr.**

A survey course that examines the development of African-American literature from slavery to the present. Special emphasis is given to the development of self-conscious literary movements, such as the Harlem Renaissance, the Black Theater, the emergence of cultural nationalism in the 1960s and feminism.

Prerequisite: EC II placement.

### **AS3625 America By Design**

**4 cr.**

The world we live in is inundated by image and design; however, we often take this for granted. How did this come about, what forces have shaped its contours, and what does this mean for us as a society? Texts will include the works of graphic designers, style makers, and influential social thinkers.

Prerequisite: EC II placement.

### **AS3632 History of U.S. Film**

**4 cr.**

This course studies the art form of film and how it evolves from its birth in the early decades of the 20<sup>th</sup> century to the present. The course deals with the history of film itself, the relations between film and larger historical forces in U.S. society, as well as with history as seen through film as well as filmic conventions. Film content and form are examined for cultural symbols and myths, illusions and fantasy. Uses films of many different kinds as well as some historical writings on the cinema. Students must see and comment on all the films shown in the course. Offered periodically.

Prerequisite: EC II placement.

### **AS3640 A History and Culture of Latinos/Latinas in the U.S.**

**4 cr.**

This course explores the growing Latino political, social, and cultural presence in the U.S. The history of Latin America and Caribbean migration to the U.S. will be analyzed, along with the changing movement of Latinos to urban, rural and suburban areas. Students will be introduced to Latinos' attempts to attain political muscle commensurate with their growing numbers; special attention will be paid to the issue of citizenship. Particular cultural forms will be analyzed to explore the tensions and possibilities of cultural production in the U.S. context, such as Mexican conjuntos and murals, or Puerto Rican casitas.

Prerequisite: EC II placement.

### **AS3702 Best Sellers**

**4 cr.**

What makes a book popular? What keeps it on the best seller lists, sometimes for months? Why do some books sell millions of copies? This course studies current books that have become best sellers, including novels, nonfiction, "how-to" books, health books, romances, and mysteries. Some of these are good, some are bad, some are indifferent. Their common denominator is that lots of people read them.

Prerequisite: EC II placement.

### **AS3712 American Film Genres**

**4 cr.**

This course is an in-depth examination of classic genres of films in the United States: silent comedy, the Western, the melodrama, the gangster film, science fiction, horror, and musical comedy. Investigates the connection between genre forms and the development of Hollywood mythology and how genres create an ideological prism for understanding U.S. society.

Prerequisite: EC II placement.

### **AS3722 History of Mass Media**

**4 cr.**

Covers the historical development and social and political importance of the mass media in the U.S. It concentrates on the growth of consumerism and advertising, as well as on radio, film, and the growth of TV. It also examines popular forms of expression, such as music and popular art, as they relate to mass culture.

Prerequisite: EC II placement.

- AS3732 Politics of Media** **4 cr.**  
 To understand the media which make up an increasingly important part of our world, we must understand its politics. There is not, however, just one way to look at the “politics of media.” In this course, we will consider five different perspectives: Production—who produces it, how, and for what reasons? Text—what are the messages being communicated? Consumption—how do people make sense of what they see or hear? Impact—what is media’s effect on culture and society? And finally, Resistance—what can and is done to counter the mainstream and create new media and a new politics?  
Prerequisite: EC II placement.
- AS3742 Myths and Images in Film** **4 cr.**  
 This course examines the movies in terms of social myths and social values. It looks at representative films from the United States, Europe, Latin America and Africa. It explores film form as well as content and their relationship to each other.  
Prerequisite: EC II placement.
- \*AS3792 Making a Magazine** **4 cr.**  
 This course covers all editorial and production aspects of publishing a magazine. Students study the magazine: from the earliest journals of the 19th century through the muckraking magazines of the turn-of-the-century through *Time* and *Life* to contemporary magazines. Students learn to write stories in the magazine genre.  
Prerequisite: EMS.
- AS3810 Popular Music and Radio in American Culture** **4 cr.**  
 A history of popular music, radio and the music industry in American culture. This course will provide an introduction to the history of popular music in American culture, politics and society. Students will be expected to help plan, research and script a radio documentary on selected topics in music or radio history which may be produced at the Old Westbury radio station.  
Prerequisite: EC II placement.
- AS3820 Radio Production and Editing I** **4 cr.**  
 Students will be trained in the basic techniques of producing programming for radio. Basic interviewing, studio techniques, digital audio recording and editing skills will be taught. Students will learn how to plan, script, create and edit a radio show to be produced at the Old Westbury radio station.  
Prerequisite: EC II placement.
- \*AS3822 TV and Radio Journalism** **4 cr.**  
 This course explores the history, promise, and present situation of broadcast journalism in the United States. It is also a practical course in which students work toward proficiency in TV and radio journalism. They learn research, reporting, and scripting along with editing, production, and direction by utilizing the College’s TV studio and portable TV and audio equipment. Students receive training in news-casting and the creation of short news pieces. Students operate cameras, sound equipment, lights, switches, tape machines, and work toward providing maximum news content through electronic journalism.  
Prerequisites: AS2802 or permission of instructor; EC II placement.
- AS3830 Public Relations in Society** **4 cr.**  
 Public relations serves the interest of the institution or person for whom one is working. One uses all forms of the media, TV, radio, popular songs, videos, staged events to enhance the client or their product. Good public relations requires a sound knowledge of the news media and techniques to enhance the image of a client. This course introduces students to the field.  
Prerequisite: EC II placement.
- AS3842 African-Americans and the Mass Media** **4 cr.**  
 Examines the participation of African-Americans in the development of mass media in the U.S. by looking at newspapers, magazines, books, radio, records, movies, and television. The course will explore the viewpoints of African-Americans through the mass media, how they are presented and represented, and how the white-owned media influences African-American images.  
Prerequisite: EC II placement.
- AS3852 Women and the Media** **4 cr.**  
 This course explores the ways women are depicted by the mass media and how that depiction has changed over time. It also investigates the role of women in the media professions.  
Prerequisite: EC II placement.
- AS4150 Radio Production and Editing II** **4 cr.**  
 Students will learn advanced techniques of producing programming for radio. Advanced interviewing, studio techniques, digital audio recording and editing skills will be taught. Students will learn how to plan, script, create and edit a radio documentary to be produced at the Old Westbury radio station.  
Prerequisites: AS3820 Radio Production and Editing I, EC II placement.

- \*AS4200 Environmental Journalism** **4 cr.**  
Historically rooted in the writings of early American naturalists like John Muir and Progressive muckrakers like Upton Sinclair, modern environmental journalism began with the publication in 1962 of Rachel Carson's *Silent Spring*. As environmental concerns have multiplied in recent years, the field has greatly expanded. This course examines both the history and current status of this journalistic specialty. Students will learn and practice techniques of environmental journalism.  
Prerequisite: EMS.
- AS4202 Internship in Government and Community** **4-12 cr.**  
This internship is for students who would like experience working in politics, government, or community agencies. Students are placed to develop practical skills in public sector groups and agencies. Students compile a portfolio and 10-15 page essay on the experience. This is an excellent opportunity for students who think they might want to work in government or community affairs.  
Prerequisites: AS3112-3122; EMS or permission of instructor.
- AS4212 Early America** **4 cr.**  
An examination of U.S. society from the Native American experience to European settlement through the Jacksonian era. Topics include: Puritanism, origins and development of slavery, American Revolution, growth of market relations, and the historical relationship between forms of economic development, social, intellectual, and religious life and politics.  
Prerequisite: EMS.
- AS4215 Critical Ideas in American History** **4 cr.**  
This course examines the intellectual history of the U.S. from Puritanism to the present. Topics may include Puritanism, the Making of Political Democracy, Transcendentalism, Social Darwinism, Progressivism, Pragmatism, Socialism, Keynesianism and Feminism. Students will use historical documents and the works of major intellectual figures to explore the many facets of the American intellectual tradition.  
Prerequisite: EMS.
- AS4218 Civil War and Reconstruction** **4 cr.**  
This course provides an in-depth examination of the coming of the Civil War, Reconstruction and the impact of these events on the development of American society afterwards. Topics covered include: slavery; abolitionism; sectional conflict; the emergence of tenant farming and debt patronage; the rise of Jim Crow; and constitutional guarantees and the limits of equality. Special attention will be given to issues of race, class and gender in considering the constitutional, political, economic, cultural and demographic changes that led to and followed from America's "Second Revolution." Films, novels, diaries, first person narratives and other primary sources will supplement historical works.  
Prerequisite: EMS.
- AS4220 Media and the Law** **4 cr.**  
This course explores the intimate relationship between the media and the law. We will start with the legal underpinnings of the U.S. media—the First Amendment guarantee of freedom of the press—and go on to current legal issues involving libel and slander, entertainment law, telecommunications policy and restrictions on communications over the Internet. Texts will include case histories.  
Prerequisite: EMS.
- AS4222 The Gilded Age and the Progressive Era** **4 cr.**  
An exploration of social, political, economic and cultural life from the Civil War through the 1920's. Topics include the growth of the modern industrial system, the emergence of the corporation, immigration, migration, the development of the labor movement, consumer culture, populism, the rise of Progressivism, women's suffrage and the Harlem Renaissance. We will also explore the backlash against reform in the red scare following World War I.  
Prerequisite: EMS.
- AS4235 Atomic America** **4 cr.**  
The United States originated atomic technology during the Manhattan Project of World War II in which the first nuclear weapons were constructed and used. More than a half-century later, the U.S. continues to be the global leader in development and deployment of atomic technology. This course examines the origination and use of atomic power for weaponry and for civilian purposes ranging from atomic power plants to nuclear-fueled space systems to food irradiation. It explores the relationship between military and civilian uses of atomic power and issues of nuclear weapons proliferation. It considers the public health and environmental impacts of atomic technology and the political and economic factors involved in its promotion. It investigates the current U.S. push for the building of "new, improved" nuclear plants worldwide.  
Prerequisite: EMS.
- \*AS4245 Video Making: Music Video** **4 cr.**  
The class will learn techniques of producing effective videos, examine the state of the rapidly expanding video field, and will make their own music videos.  
Prerequisite: EMS.

**AS4250 Immigration Today****4 cr.**

This course will explore several broad thematic and theoretical issues in the changing nature of U.S. immigration. The aim is to introduce the students to a number of “conversations” and scholarship pertaining to where our society is now, relative to dealing with the political, economic, social and demographic challenges which will emanate from this immigration. Video presentations will be used to supplement the lecture and reading materials. Also, please be aware that additional reading material may be assigned at appropriate intervals.

Prerequisite: EMS.

**AS4252 Immigrants, Migrants, and Americanization****4 cr.**

This course focuses on the historical and ongoing influx of people from rural, peasant backgrounds and from diverse cultural experiences into American cities in the 19th and 20th centuries. It emphasizes the experiences of immigrants and migrants under various conditions in the U.S. Readings will center on the development of ethnic communities, work experiences, the roles of women, families and different social and political forms of struggle.

Prerequisite: EMS.

**\*AS4255 TV Studio Production****4 cr.**

Working in the college's TV studio, students will use a variety of equipment—cameras, switcher, audio board, editing systems—to produce television programs. The class will also focus on lighting techniques and consider set design. Students will practice in-studio newscasting and work on other forms of video presentation.

Prerequisite: EMS.

**\*AS4260 The New Media****4 cr.**

The elements of new media of communications—especially the computer and the emerging confluence of computer and video—are the subject of this class. Students will be taught how to prepare web pages. They will learn the essentials of using the Internet. Readings and class discussion will examine the history and expanding impact of the new media systems.

Prerequisite: EMS.

**AS4280 Global Media****4 cr.**

The American media exists in a world of global competition and international commerce. The American media has become the primary source of information and entertainment world wide. The course will examine the role of the American media in a global context focusing on controversies concerning access, power and the challenges of indigenous democratic movements for more control of the media.

Prerequisite: EMS.

**AS4282 America in War and Peace: 1898 to the Present****4 cr.**

This course concentrates on America's experience of war abroad and political and social life at home between 1898 and the mid 1970s. We will look closely at how and why America became involved in wars during these years, and their consequences for American society. We will examine, in turn, the Spanish-American War, World War I, World War II, The Cold War, and the Vietnam War.

Prerequisite: EMS.

**AS4283 America Between the World Wars****4 cr.**

This course examines pivotal decades in twentieth century U.S. history from WWI through WWII. Selected topics include the rise of America's administrative and welfare state; transitions in social reform traditions; women and youth cultures; the expansion of consumer culture; and the World Wars and their effects on American society, culture and global position.

Prerequisite: EMS.

**AS4285 Vietnam and After****4 cr.**

The specter of the American war in Vietnam and Southeast Asia continues to haunt the United States. This course is a history of the war and its effects on American foreign policy, domestic politics and culture. It will begin with an examination of the struggle for Vietnamese independence from French colonialism and culminate in a discussion of the lessons of the war for America in the post Cold War era. Some of the topics to be discussed will include the Cold War and world politics; domestic politics and the economy; the role of the mass media; the anti-war movement; racial and class politics; and the effect of the war on those who served and those who resisted.

Prerequisite: EMS.

**AS4288 Contemporary U.S. Foreign Policy 1980-Present****4 cr.**

This course focuses on the impact of the collapse of the Soviet Union on US foreign policy both before and after the end of the Cold War. Students will study how the US became the sole super power and how that has varying impacts in a global world. Students will examine the conflicts in the MidEast, Afghanistan, Rwanda, Pakistan, etc.

Prerequisite: EMS.

**AS4290 Youth in America: A History 4 cr.**

A cultural history of youth in the United States. Everyone seems to agree that children are at risk in the modern world; fears of abuse, immorality and delinquency abound. This course will examine the history of conflicting ideas about youth in our society. Special attention will be paid to the use of the child in political and social struggles over gender roles, the family, the media and mass culture.

Prerequisite: EMS.

**AS4292 America Since WWII: 1945-1989 4 cr.**

An in depth examination of U.S. history and culture from WWII to the end of the Cold War with a special emphasis on the role of the media and mass culture. Beginning with a discussion of the effects of the World War on the politics, economics and culture of the United States this course will debate each of the major political and cultural conflicts that have marked the end of the Twentieth century. Selected topics may include: Cold War politics, culture and foreign policy; Civil Rights struggles; Women's liberation; The suburbs; Television and mass culture; Youth culture and rebellion; Ecology movement; Gay rights movement; The Reagan Revolution; The Culture Wars; and Religious conservative and "Right to Life" movements.

Prerequisite: EMS.

**AS4310 From Citizen to Consumer 4 cr.**

This course examines the transformation of the United States from a society based in production to one predicated on consumption. Using historical documents like the writings of Jefferson and Hamilton, Charlotte Perkins Gilman, Henry Ford, and Edward Filene, and analyzing contemporary material such as advertising campaigns and political debates, we will explore how this change has altered our very notions of identity, democracy and citizenship. That is: what it is to be an American.

Prerequisite: EMS.

**AS4402 History of the Family in the U.S. 4 cr.**

Examines the changing structure of American families over the past 300 years: how they have differed according to class, race and ethnicity, and the forces that have continued to influence family life. Topics include: Puritan families; African-American families in slavery and freedom; immigrant and middle-class families at the turn of the 20th century, and the modern family. The course uses a variety of materials: films, historical articles and documents, and novels.

Prerequisite: EMS.

**AS4420 History of New York City and State 4 cr.**

This course examines the social, cultural, economic, political and demographic development of New York City and State from colonial America to the present. Historical documents, fiction and films about New York will provide the material for a critical discussion about the multicultural heritage of the Empire State.

Prerequisite: EMS.

**AS4432 History of the Women's Movement 4 cr.**

This course explores the Women's Movement, both the first wave: 19th century women's rights and suffrage movement, and the second wave: the 20th century modern women's liberation movement. How did the movements arise, who were their constituents and enemies, how were their goals met? What strategy, ideology and tactics were used? Readings will consist of the historical and theoretical documents, poems, autobiographies, oral histories, film and pro- and anti-feminist ephemera.

Prerequisite: EMS.

**AS4612 American Literary Genres 4 cr.**

This course looks at literary genres: the novel, the short story, slave narratives, poetry, the essay, the horror story and romance as they have evolved and changed through American history.

Prerequisite: EMS.

**AS4652 Women Writers 4 cr.**

Explores a group of women fiction writers from the turn of the 20th century to the present, with regard to the theme of "the new woman". Writers include Kate Chopin, Charlotte Perkins Gilman, Willa Cather, Edith Wharton, Toni Morrison, Nella Larsen, Louise Edrich, Maxine Hong Kingston, Anzia Yezierska, Alice Walker, Sandra Cisernos, Dorothy West, and Paula Marshall.

Prerequisite: EMS.

**AS4682 20<sup>th</sup> Century U.S. Literature 4 cr.**

This course examines modern U.S. literature from a multicultural point of view. Special attention will be paid to writers who experimented with language and created new "modern" styles of writing to express new "modern" ways of seeing. Ernest Hemingway, Agnes Smedley, Meridel LeSueur, F. Scott Fitzgerald, T.S. Eliot, Langston Hughes, Zora Neale Hurston and William Faulkner are among the writers included.

Prerequisite: EMS.

**AS4715 African-American Thought and Culture 4 cr.**

This course examines the ideas of social change that have developed since 1900 among African-American thinkers. It begins by examining the assumptions and aspirations expressed in the New Negro philosophy that developed at the turn of the century. It proceeds to

analyze the social, political, and cultural ideas that grew out of the Garvey movement, the Civil Rights movement and the Black Power struggle. The course stresses the role played by ideas in the process of social change.

Prerequisite: EMS.

**AS4722 Film: Ideas and Aesthetics 4 cr.**

An examination of film through philosophical and aesthetic frameworks. The course treats film in relation to modern theories and aesthetic techniques and offers students the tools for developing an in-depth analysis of film form and content.

Prerequisite: EMS.

**AS4725 The Photograph and American Culture 4 cr.**

This course explores photography's power to document and create an America both imaginary and real. It examines how the photographic image and its dissemination constructs American national and social identities, shaping attitudes about American heroes and celebrities, territorial expansion, urbanization, industrialism, the American Dream and American social inequality at specific historic junctures. Individual photographers such as Mathew Brady, William Henry Jackson, Jacob Riis, Lewis Hine, and the Farm Security Administration (FSA) photographers are studied. Photographic formats and venues are also studied within a historical context.

Prerequisite: EC II placement.

**\*AS4802 Investigative Reporting 4 cr.**

Investigative reporting is a peculiarly American journalistic effort to expose corruption, lawbreaking, and abuses of power by individuals and institutions. This course focuses both on the history of the craft - from the early 20th century muckrakers to Watergate - and on the practice of investigative reporting. Students will learn techniques of investigation and proof, as well as print and electronic forms of expression. Students will write or produce their own investigative pieces.

Prerequisite: EMS.

**\*AS4812 Writing for Publication 4 cr.**

This is an advanced journalism course in which students receive intense preparation in reporting and writing for newspapers, magazines and other print media.

Prerequisites: AS2802; EMS.

**\*AS4815 Writing for Electronic Media 4 cr.**

Covered are the history and principles of writing for radio and television-writing for the ear or "the air" (the airwaves) - and now for web casting on the Internet. There is instruction in writing simple, to-the-point, straightforward copy designed to be read aloud and heard usually only once and clearly understood.

Prerequisite: EMS.

**\*AS4822 Newswriting 4 cr.**

This is an intensive course in producing well-crafted, polished news stories. It teaches students the various forms of newswriting: hard news, foreign affairs, editorial, obituary and sports writing. Form, content and speed in preparation are stressed.

Prerequisites: AS2802; EMS.

**\*AS4825 Making a Newspaper 4 cr.**

The class works collaboratively in developing the editorial content, editing, writing headlines, doing lay-out and publishing a newspaper.

Prerequisites: AS2802; EMS.

**\*AS4832 Internship in Journalism 4-12 cr.**

In this internship, students work at a newspaper, magazine, radio or television station to learn practical journalism in a real-life environment. Students meet regularly with the instructor to discuss their progress. Students compile a portfolio of work done on the internship and write an essay on the experience. This internship is an excellent opportunity for students looking forward to a career in any phase of print or electronic journalism. Offered every spring.

Prerequisites: AS2802; EMS.

**\*AS4842 TV Journalism: Electronic News Gathering 4 cr.**

The use of electronic news gathering (ENG) equipment, including portable video gear, has transformed TV journalism in the past two decades. Students study the background and train in the techniques of ENG using the College's video equipment. Students learn to do field reporting, newswriting, directing, production, and post-production editing. Students produce a series of video pieces.

Prerequisites: AS3822; EMS.

**AS4850 Digital Revolution 4 cr.**

We are in the midst of a profound technological and historical change: the Digital Revolution. Computers permeate nearly every aspect of our life, yet we understand very little about how they work, their historical development, the struggles over their use and their impact on our consciousness and us as a society. This course will explore these and other questions, looking at computers and the Internet through an historical and critical lens.

Prerequisite: EMS.

**\*AS4852 TV Documentary: Traditions and Techniques** **4 cr.**

This is an advanced course in journalism focusing on the social documentary. The analysis of the social documentary reaches back into its roots: documentary photography, radio and film. Student's use the College's video production equipment and digital editing facilities, and work together to create their own documentary.

Prerequisite: EMS.

**AS4862 The Journalist as Creative Writer** **4 cr.**

Many American journalists have become writers of fiction and creative nonfiction. This course examines this tradition, and studies, for example, the works of John Dos Passos, Ernest Hemingway, Joan Didion, Tom Wolfe, and Gay Talese. It explores "personal journalism" and the "new journalism" of the sixties and seventies. Students will practice literary journalism themselves by writing several fiction and non-fiction pieces.

Prerequisite: EMS.

**\*AS4870 TV Production and Editing** **4 cr.**

For a TV journalist, learning to edit video is the equivalent of a print journalist learning to edit newspaper or magazine articles or books. In this practical course, students work with the College's computerized video editing equipment and receive "hands-on" experience in video editing for TV journalism.

Prerequisite: EMS.

**\*AS4882 Radio Reporting** **4 cr.**

In this course, students study and analyze the history of radio journalism from its early days through the milestone period of Edward R. Murrow to today. Students develop their own skills at radio reporting in the field and in the studio. Students will prepare tapes based on their own field reporting. Emphasis is on news content and technical quality in radio reporting.

Prerequisites: AS2802; EMS.

**AS5000 The US in the World and Multicultural History Perspective** **4 cr.**

A senior capping course required of all majors in Social Studies. Typically organized around selected major ideas and events in American History, this course is designed to encourage students to consider (and re-consider) these events, themes, and/or developments of modern American history from the perspectives of other world civilizations abroad and diverse ethnic and racial groups at home. This senior year course also particularly focuses on the honing of historical analytical skills, the ability to formulate and undertake selected research projects and the application of these skills and research tools to the social studies classroom. The educational needs of children of varying ethnic, cultural, and/or language backgrounds will also be explored. Topics covered in this seminar may include: the creation of the United States Constitution and the creation of 19<sup>th</sup> and 20<sup>th</sup> Century constitutions( for example, following the French revolution or in Japan under the American occupation), the American movement for women's right to vote and women's rights seen in the context of women's rights movements worldwide in the early 20<sup>th</sup> Century; the role of Dr. Martin Luther King and Malcolm X in the United States Civil Rights movement and their impact on nationalist and anti-apartheid movements abroad; the opening of Japan to American trade seen from the American and Japanese perspective.

Prerequisites: EMS; Senior Standing; Recommended and designed for Social Studies majors.

**AS5112 American Voices** **4 cr.**

This course will focus on 20<sup>th</sup> century American voices as they have developed in diverse media—novels, film, music, TV and computers. Individual speakers will be used to represent influential groups or trends that emerged and the themes and issues associated with them.

Prerequisite: EMS.

**AS5202 American Social and Political Visions** **4 cr.**

This senior seminar will focus on changing ideas about the character and potential of political, economic and social life in the U.S. Visions of the elements of a more perfect society described in works published from the middle of the 19<sup>th</sup> century on, will be used to examine debates and conversations about the nature and sources of social problems and the means of correcting them.

Prerequisites: AS3112-3122 or permission of instructor; EMS.

**AS5212 Narrative and History** **4 cr.**

This senior seminar looks at "point of view" in historical writing, the multiple "ways of seeing" history, and the various approaches that scholars and writers have employed in order to think and write about the past. The readings that have been selected exemplify the advantages and limitations of the political, economic, social and cultural perspectives and the interpretive possibilities of narrative, biography and fiction.

Prerequisites: AS3112-3122 or permission of instructor; EMS.

**AS5312 History of US Culture** **4 cr.**

This senior seminar examines the evolution of U.S. culture from a multicultural perspective. Special attention will be paid to the role that culture plays in social control and social change.

Prerequisite: EMS.

**AS5412 Protest and Change** **4 cr.**

This senior seminar provides an in-depth exploration of several movements for social change in U.S. history. Topics can include: the American Revolution, movements for women's rights, populism, abolitionism, peace movements, and movements for the rights of African-Americans.  
Prerequisites: AS3112-3122 or permission of instructor; EMS.

**AS5420 Propaganda and Mass Persuasion** **4 cr.**

What are the implications for American democracy in a world of sophisticated mass persuasion? This senior seminar course is a history of propaganda of war and politics, and the role of propaganda in the continuing conflicts between social movements and powerful institutions. The rise of public relations, and its role in politics and the mass media will be an important theme.

Prerequisites: AS3112-3122 or permission of instructor; EMS.

**AS5712 Mass Media and Popular Culture** **4 cr.**

This senior seminar focuses on the relation between mass media and different forms of popular culture. In particular, it examines the relationship between indigenous popular forms of culture and mass media. It looks at print and the rise of a vernacular culture and electronic media in the context of a consumer culture, and explores different theoretical approaches to the understanding of media in modern society.

Prerequisites: AS3112-3122 or permission of instructor; EMS.

**AS5800 Research in American History and Culture** **4 cr.**

In this course, students will learn how to do historical research including use of primary documents, archival research, quantitative methods and oral history. Using these techniques, students will then write a research paper.

Prerequisites: AS3112-3122 or permission of instructor; EMS.

**PORTFOLIO RECOMMENDED:**

It is recommended that all Media and Communications majors assemble a satisfactory portfolio. The portfolio should contain samples of work done in classes and on the Internship in Journalism that all Media and Communications majors are required to complete. The portfolio is to contain examples of written work—both published and submitted as class assignments—graphics, printouts of computer work and/or scripts of videos.

*\* No practical journalism course (noted in the catalog by asterisk\*) can be counted toward the American Studies major, but they may be used as free electives.*

## BIOLOGICAL SCIENCES COURSES

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All course offerings are contingent on budgetary allocations, faculty resources, and enrollment figures and, unless otherwise indicated, are offered in accordance with student needs.

**BS1400 Topics in Biology** **3 cr.**

Designed to develop skills in reading scientific material, extracting key concepts, evaluating data, etc., focusing on different topics in biology. Recommended for students planning to take Basic Biological Sciences. May not be counted toward required courses for the degree in Biological Sciences. Offered when needed.

Prerequisites: EC II placement, math mastery.

**BS2100 Biology for Non-science Majors** **4 cr.**

A one-semester lecture/laboratory course in general biology for non-science majors. Surveys the major concepts and principles of biology, including cell structure and function, genetics, ecology, diversity and evolution. Topics related to the human experience are also discussed. Offered every semester.

Prerequisite: EC II placement.

**BS2400-2410 Basic Biological Sciences I-II** **4 cr. ea.**

Lecture/laboratory courses that provide basic instruction in the current concepts of biological organization and function. The topics considered include: introduction to the chemistry of life, cellular genetics, evolution, population dynamics, cellular and organismic reproduction, anatomy and physiology of selected organ systems with an emphasis on humans. These courses are offered every semester.

Prerequisites: EC II placement; MA1020; BS2400 with grades of "C" or better is a prerequisite for BS2410.

**BS2490 Environmental Science** **4 cr.**

The focus of this lecture course is on the interactions of humans with their environment. Human impact on the world's ecosystems is emphasized. The theme stressed throughout this course is that every system involving life is dependent upon maintaining balances between nutrient gains and losses, between energy inflows and outflows, and between births and deaths within populations. Against this

background, various aspects of the human system, such as our use of soils, our disposal of wastes, our use of resources, land, and energy and our population, are shown to be out of balance. The consequences of these imbalances are discussed in relation to our political and economic system.

Prerequisite: EMS.

### **BS3300 Biotechnology Workshop**

**4 cr.**

Designed to develop laboratory skills in the basic techniques used to study molecular genetics. Both prokaryotic and eukaryotic organisms are used as models for the experiments. Some of the techniques introduced in the course include DNA isolation, agarose gel electrophoresis, restriction enzymes, gene transfer, gene cloning, southern blot, PCR, RT-PCR, and gene sequencing. In the latter part of the course, students will be introduced to the Human Genome Project and to some of the techniques used in DNA sequencing and analysis. Offered once a year.

Prerequisite: EMS.

### **BS3400 Vertebrate Physiology**

**4 cr.**

A regulatory systems approach to the principles of animal physiology, developed through consideration of functioning of cells, tissues, and organ systems with an emphasis on humans. (With 3-hour laboratory) Offered every three semesters.

Prerequisites: BS2400-BS2410 with grades of "C" or better; CP2100-CP2110 with grades of C or better; EC II placement.

### **BS3450 Plant Biology**

**4 cr.**

The study of plants as biological organisms. Topics include classification and evolution of the plant kingdom: plant anatomy, physiology and reproduction, with emphasis on the flowering plants. Consideration given to experimental methods used in studying plants and the importance of plants and plant studies. Students are expected to complete an experimental project or observational study. Lecture, discussion, laboratory and field trips, or audio tutorial integration of these are presented. Offered on demand.

Prerequisites: BS2400-BS2410 with grades of "C" or better; or permission of Instructor; EC II placement.

### **BS3500 Invertebrate Zoology**

**4 cr.**

This lecture/laboratory course introduces the student to the diversity of form and function among the invertebrates using a phylogenetic approach. It emphasizes their importance in ecology, diseases, food sources and as biomedical models. Laboratory sessions include dissection of representative animals and encourage individual research projects.

Prerequisites: BS2400-BS2410 completed with grades of "C" or better.

### **BS3510 Parasitology**

**4 cr.**

Lecture/laboratory course. Major parasites of medical and economic interest are examined, including the causal agents of malaria, trypanosomiasis, schistosomiasis, and filariasis. The ecology, anatomy, pathology, and public health importance of these parasites are emphasized. Laboratories include both live and prepared material. Offered every other year.

Prerequisites: BS2400-BS2410 with grades of "C" or better; EC II placement.

### **BS3520 Comparative Anatomy**

**4 cr.**

Lecture/laboratory course designed for biology majors and premedical students. Emphasis is on the basic anatomical patterns of vertebrate structure. Morphogenesis and structure function relationships are discussed in terms of adaptive significance. Laboratory includes dissections of aquatic and terrestrial vertebrates. Offered every other year.

Prerequisites: BS2400-BS2410 with grades of "C" or better; EC II placement.

### **BS3710 Environmental Physiology**

**4 cr.**

Examines profound ubiquitous influences of the external environment on the body, the physiological responses to environmental challenges, and ways in which these responses contribute to either health or disease. Includes nutritional influences on health; physiological response to environmental chemicals; adaptations to altitude, pressure, temperature, humidity, radiation; physiology of psychosocial stress; and physiology of exercise. Offered on demand.

Prerequisites: BS2400-2410 with grades of "C" or better.

### **BS3810 Biological Aspects of Aging**

**4 cr.**

Lecture/workshop course designed for science students. Examines the aging process on the molecular, cellular, and organismic levels. Emphasizes alterations during the aging process in cells whose life span is identical to that of the entire organism. Examination of various pathological disorders in relationship to aging is also emphasized. Students are required to read original articles and be prepared to discuss current topics in workshop settings. Offered every other year.

Prerequisites: BS2400-BS2410 with grades of "C" or better; EC II placement; BS3400 is recommended.

### **BS4400 Cell Biology**

**4 cr.**

Lecture/discussion/laboratory course whose content is directed to the study of the molecular basis of cell activities, cell ultra structure, and its integration with cellular function. Lectures survey the cell in its environment, energy transformation, mobility, replication of genetic material, growth, nucleocytoplasmic interactions. The laboratory explores techniques used in the study of the cell. Offered every other year.

Prerequisites: BS2400-BS2410 with grades of "C" or better; EC II placement.

- BS4410 Histology** **4 cr.**  
 A laboratory-oriented course dealing with the microscopic and ultramicroscopic anatomy of mammalian tissues and organs with emphasis on relating structure to function. Offered on demand.  
Prerequisites: BS2400-2410 with grades of "C" or better.
- BS4420 Microbiology** **4 cr.**  
 Concerned with structure-function relationships in various types of microorganisms, with particular emphasis on bacteria. Nutrition, biosynthesis, energetics, growth, microbial interactions and symbiotic relationships, host-parasite relationships, and microbial genetics are among the topics discussed. Lecture and laboratory. Offered every other year.  
Prerequisites: BS2400-BS2410 with grades of "C" or better; EC II placement.
- BS4430 Developmental Biology** **4 cr.**  
 A lecture/laboratory course covering fundamental principles of developmental biology. Topics included: gametogenesis, fertilization, cleavage, gastrulation, growth and differentiation. This course attempts to integrate the descriptive, experimental and genetic approaches to the study of developmental biology. Offered every other year.  
Prerequisites: BS2400-BS2410 with grades of "C" or better; EC II placement.  
 Recommended: completion of BS3520.
- BS4440 Evolution** **4 cr.**  
 Lecture/discussion course presenting the history of life on earth from its inception to the emergence and early history of Homo sapiens. Through readings, lectures, demonstrations, laboratories, discussions, and museum trips, students examine modern evolutionary theory and concepts, including abiogenesis, adaptation, population genetics, race, speciation, and progressive evolution. Offered every other year.  
Prerequisites: BS2400-BS2410 with grades of "C" or better; EC II placement.  
 Recommended: completion of BS4460.
- BS4460 Genetics** **4 cr.**  
 Lecture/laboratory course presenting the fundamental principles of genetics, the molecular biology of the gene, and heredity in humans. Through lectures, readings, laboratories, and discussions, students examine the experimental evidence leading to currently accepted concepts, and critically analyze the implications of various findings in human genetics. Offered every other year.  
Prerequisites: BS2400-BS2410 with grades of "C" or better; EC II placement.
- BS4461 Immunology** **4 cr.**  
 Lecture/laboratory course dealing with cellular and humoral aspects of mammalian immune system. Course is divided between study of basic principles governing the immune response, and analysis of molecular immunology. Laboratory component explores modern and technological assays of immunology. Offered every other year.  
Prerequisites: BS2400-BS2410 with grades of "C" or better; EC II placement.
- BS4470 Ecology** **4 cr.**  
 The study of populations and communities of organisms and the interactions of organisms within their environment. Topics include ecosystem analysis, energy flow, nutrient cycles and limiting factors, community structure, biomes, associations, succession, adaptation, and niche analysis, population growth and structure, competition and predator prey relations. Consideration given to experimental investigations, including computer modeling. Students are expected to complete a field or laboratory project, or a library report. Field trips and lab exercises comprise important components of this course. Offered every other year.  
Prerequisites: BS2400-BS2410 with grades of "C" or better; EC II placement.
- BS4471 Freshwater Ecology (Limnology)** **4 cr.**  
 A lecture/discussion and laboratory course dealing with the structure and function of freshwater systems such as lakes, ponds, rivers, and streams. Topics include the study of the physical and chemical properties of freshwater habitats, their biotic composition, and their productivity. Problems related to water pollution are discussed. Field trips and lab exercises comprise important components to this course. Students are expected to conduct an independent research project. Offered on demand.  
Prerequisites: BS2400-BS2410 with grades of "C" or better; CP2120.
- BS4480 Animal Behavior** **4 cr.**  
 A lecture/laboratory course introducing the field of animal behavior. Lectures, discussions and films explore topics including the cultural basis of behavior, the organization and physiology of the nervous system and its role in controlling behavior, the endocrine basis of behavior, genetic basis of behavior and sociobiology. Offered every other year.  
Prerequisites: BS2400-BS2410 with grades of "C" or better; EC II placement.
- BS4500 Cell and Molecular Neurobiology** **4 cr.**  
 Lecture course designed to familiarize students with intracellular communication mechanisms and how they are used to promote intercellular interactions. Includes concepts as they relate to neurobiology; ephatic and synaptic transmission; neurophysiology/neuro-pharmacology; selected topics relating to mental health, narcotic addiction etc. Offered every other year.  
Prerequisites: BS2400-BS2410 with grades of "C" or better; CP2120; EC II placement.  
 Recommended: completion of BS4400.

**BS4560 Molecular Biology 4 cr.**

Lecture/Laboratory course to introduce students to both the theoretical and practical aspects of molecular biology. An understanding of molecular biology necessitates a synthesis of information from genetics, biochemistry, cell biology, physics and chemistry. The course will include microbial studies, cellular components, genes, regulation etc. The lab component will utilize techniques of genetic engineering. Offered every other year.

Prerequisites: BS2400-2410 with grades of "C" or better; CP2120-2130 with grades of "C" or better.

**BS4651 Toxicology 4 cr.**

Neurological approach to environmental toxins. Overview of neuroanatomy, physiology, basic pharmacology, and synaptic phenomena. Environmental neurotoxins covered include: acrylamide, cadmium, oxides of nitrogen, carbon monoxide, lead, mercury, organophosphates and organochloride pesticides, hexachlorophene, aluminum, carbon disulfide, isoniazid, and selected drugs and biological toxins. Experimental design for toxicity studies and epidemiological considerations are also discussed and various animal models presented. Offered on demand.

Prerequisites: BS2400-BS2410 with grades of "C" or better; CP2120-CP2130 with grades of "C" or better.

**BS4680 Environmental Health 4 cr.**

This course takes an integrated approach to the development of a basic understanding of the impact of the environment on health. It examines chronic and infectious diseases in relation to modern life styles. A new section examines the AIDS epidemic in relation to the environment. Other topics that are covered include: air pollution in the general industrial environment; water pollution; the effects of pesticides and food additives; synthetic organic chemicals such as PCB's and dioxins as environmental estrogens; health effects of radiation and safety of nuclear energy. Satisfies elective requirement for B.A. in Biology. Offered on demand.

Prerequisites: EC II placement.

**BS5410 Seminar I in Biology: Reading in the Discipline 2 cr.**

Designed to increase ability to read in the discipline. Students will survey scientific literature, learn how to research topics, prepare abstracts, etc. Students will select a mentor and topic for Seminar II. Must be taken by students two semesters prior to graduation. Offered every Fall.

Prerequisite: 85-90 credits or with permission of instructor.

**BS5420 Seminar II in Biology: Writing in the Discipline 2 cr.**

Designed to promote an in-depth consideration of special topics in current biological research. The course will include presentations by both external speakers and students. The student will, under the advisement of a faculty mentor, develop a topic either as a library or laboratory study and present the results both orally and as a written paper. Offered every Spring

Prerequisite: 100 credits or with permission of instructor.

**BS5590 Advanced Research 4 cr.**

Research project carried out under the supervision of a faculty member. Each project includes a survey of the appropriate original literature and investigation of a selected research topic by experimental or theoretical methods. Open to students of upper-division standing, preferably seniors, on acceptance as a research student by a faculty member. Students may take this course twice for credit but may receive only 4 credits from this course toward the major. Grading will be CR/NC. Offered every semester.

Prerequisites: BS2400-BS2410 with grades of "C" or better; permission of instructor.

**BS5591 Environmental Research 4 cr.**

Research project in environmental science carried out under supervision of a faculty member. Open to upper-division students, preferably seniors on acceptance as a research student by a faculty member. Offered every semester.

Prerequisites: BS2400-BS2410 with grades of "C" or better; 3 upper-division Biology courses; permission of instructor.

**BS9990 Independent Study 4 cr.**

Independent study is to be carried out under the supervision of a faculty member. It permits students to investigate areas that are not part of existing offerings. Open to students of upper-division standing only on acceptance by a faculty member, and approval by department chair.

Prerequisites: BS2400-BS2410 with grades of "C" or better; permission of instructor.

# SCHOOL OF BUSINESS COURSES

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The courses listed below are on variable schedules and are not necessarily offered each semester or each year. All course offerings are contingent upon budgetary allocations, faculty resources, and enrollment figures and, unless otherwise indicated, are offered in accordance with student demand. **EMS is a prerequisite for all School of Business courses.**

**BU2420 Principles of Microeconomics 4 cr.**

An introductory economics course in the principles of scarcity, supply and demand, consumer theory, production theory, costs of production, market structure and factor pricing under conditions of perfect competition. Offered every semester.

Prerequisite: MA1020.

**BU2430 Principles of Macroeconomics 4 cr.**

An introductory course in macroeconomics that covers the following topics: macroeconomic goals, GDP computation and related concepts, basic income determination, Keynesian models, fiscal policy, money and banking, monetary policy and stabilization policy. Offered every semester.

Prerequisite: MA1020.

**BU3015 Visual Basic 4 cr.**

Introduction to Business Programming using Visual environment. In this course students are introduced to the syntax and semantics of Visual Basic.NET and its environment. Subjects covered are graphical user interface, objects and their associated properties, and the steps involved in developing a business application. Classes will be both lecture and laboratory environment programming with Visual Basic. Replaces CS3610. Offered every semester.

Prerequisite: EMS.

**BU3016 Advanced Business Programming with Data Structures 4 cr.**

This course will emphasize the object-oriented paradigm as to how objects are used in programming to design and implement business applications. The object-oriented paradigm includes data abstraction, inheritance and polymorphism. Topics will also include data structures and problem-solving using objects. Students will create a software application by incorporating object-oriented programming. The languages used will be Visual Basic.Net, C++ and Java. Offered occasionally.

Prerequisite: BU3015.

**BU3030 Introduction to Web Design for Business 4 cr.**

This course covers the basics of building and maintaining a website, Internet terminology, and how the Internet and its associated technologies work. Students will have hands-on programming experience using web tools such as Hyper Text Markup Language (HTML) with JavaScript and VBScript. In addition, introductory coverage of Internet programming such as Common Gateway Interface (CGI) and other technologies is included. Offered occasionally.

Prerequisite: EMS.

**BU3032 Introduction to Web Technologies and Network Management 4 cr.**

This course will cover how web technology has significantly changed our business world. Included are design tools, software, and hardware and how they are incorporated in a network system. Knowledge of how to manage a network from a business point of view is an important decision-making strategy. Basic foundations of network security, integrity, reliability, encryption, decryption, internet protocols, and servers will be discussed. Offered occasionally.

Prerequisite: EMS.

**BU3201 Principles of Statistics 4 cr.**

Course includes descriptive statistics, probability theory, sampling theory and methods, estimation, hypothesis testing, and forecasting. Offered every semester.

Prerequisite: MA1020.

**BU3220 Calculus for Business and Economics 4 cr.**

This course is intended to introduce the fundamental concepts and techniques of calculus to students of business and economics. Topics include functions and graphs, limits, derivatives and integration of algebraic, exponential and logarithmic functions and their compositions. The concepts of margin and optimization in business and economics and curve sketching will also be studied. Special emphasis will be placed on the application of mathematical concepts to business and economics. Offered every semester.

Prerequisites: Four years of Regents high school mathematics or MA2080 or MA2090.

**BU3470 Business Economic Analysis 4 cr.**

Designed to provide the tools, techniques and methodology used by practicing business economists and planners. Topics covered include demand analysis, the static and dynamic behavior of business firms, market structure and pricing, interrelation of real and financial sectors, the economics of market power, forecasting economic trends and the application of regression techniques. Offered occasionally.

Prerequisites: BU2420, BU2430, BU3201, BU3220.

- BU3502 Principles of Accounting I** **4 cr.**  
 Introduction to financial accounting with focus on how financial statements are structured and used by proprietorships and corporations. Topics: double entry, accrual accounting, service vs. merchandise companies, cash, accounts receivable and payable, inventories, fixed assets and depreciation methods, and net earnings. Develops foundation for subsequent courses in accounting, finance, MIS, and management. Offered every semester.  
Prerequisite: MA1020.
- BU3511 Principles of Accounting II** **4 cr.**  
 Emphasis shifts from accounting theory (Principles I) to giving students experience in preparation of financial statements. Journals, ledgers, worksheets, closings, and a corporation practice set are used. New topics include payrolls, stockholders' equity, earnings per share, long-term debt, marketable securities, and statement of cash flows. Required for all business majors. Offered every semester.  
Prerequisite: BU3502.
- BU3600 Principles of Business Law** **2 cr.**  
 A study of the nature and functions of law introducing the student to the legal system, constitutional, administrative, tort, criminal, consumer protection, employment, and contract law. Replaces BU3601. Offered every semester.  
Prerequisite: EMS.
- BU3605 Intermediate Business Law** **2 cr.**  
 An in-depth study of the law of contracts, agency, and partnerships. Together with BU3610 replaces BU3611. Offered every semester.  
Prerequisite: BU3600.
- BU3610 Advanced Business Law** **2 cr.**  
 The study of real and personal property, bailment, documents of title, bankruptcy, secured transactions, and trusts and estates. Together with BU3605 replaces BU3611. Offered every semester.  
Prerequisite: BU3605 or BU3601.
- BU3751 Investing in Mutual Funds** **2 cr.**  
 This course provides an intensive perspective on mutual fund investing as it applies to equities, bonds, and money markets. The pro's and con's of many different strategies will be evaluated using theoretical models and empirical data. Offered every year.  
Prerequisites: EMS; Math Proficiency.
- BU3752 Investing in Stocks and Bonds** **2 cr.**  
 This course is designed to provide the theoretical and practical foundations for investing in stocks and bonds at the individual level. Topics include: equity and bond valuation models, long run vs. short run strategies, technical and fundamental analysis, analysis of historical time series, developed vs. emerging markets, and stock market volatility. Offered every year.  
Prerequisites: EMS; Math Proficiency.
- BU3753 Insurance and Risk Analysis** **2 cr.**  
 An introduction to insurance products utilized in the financial planning process as a means to protect assets, and maintain and accumulate wealth. Topics include life insurance, property & casualty insurance, health insurance, Medicare, Medicaid, long-term care insurance, and disability insurance. Offered every year.  
Prerequisite: BU3511.
- BU3754 Investing in International Mutual Funds** **2 cr.**  
 The focus of this course is international investing in stocks, bonds, and money market instruments of developed and emerging markets. The risk-reward nexus will be investigated by assessing currency, political, and general economic conditions and risks in foreign countries. Offered every year.  
Prerequisites: EMS; Math Proficiency.
- BU3800 Marketing: Principles and Concepts** **4 cr.**  
 A comprehensive introduction to marketing principles with emphasis on the marketing concept as means of distributing goods and services in a competitive economy. Examines market determination and population segmentation for product planning, product distribution systems, pricing policies and practices, and promotion strategies. Offered every semester.  
Prerequisite: Junior Standing.
- BU3830 Introduction to E-Commerce** **4 cr.**  
 The standard definition of E-Commerce (electronic commerce, EC, or e-business) is the buying and selling of goods and services on the Internet, especially the World Wide Web. Not only will this course provide students with an overall understanding of the history, development, and economics of e-commerce, but also provide students with a working knowledge of the terms, concepts and components of E-Commerce, including e-tailing, market research and privacy, electronic data interchange (EDI), e-mail, Internet telephony, business-to-business transactions, and Internet security. Offered occasionally.  
Prerequisites: CS1500, BU3800, Junior Standing.

- BU3905 Business Communications** **2 cr.**  
 This course is an introduction to the fundamentals of business communications. It emphasizes planning, research, organization, clarity, conciseness, positive tone, mechanics and format. Business letters, memos, and reports will be written and analyzed. Replaces BU3900. Offered every semester.  
Prerequisite: EMS.
- BU3910 Advanced Business Communications** **2 cr.**  
 This course builds on the fundamentals of business communication and provides students with an in-depth analysis of the audience. Primary emphasis is on different types and methods of business communications. Includes special purpose messages and various presentation skills, such as the use of presentation software, interviewing, written reports, and making group presentations. Offered every year.  
Prerequisite: EMS.
- BU4035 Web Systems and Electronic Commerce** **4 cr.**  
 This course covers the basics of web systems, furthering an understanding of them through the development of e-commerce applications and systems. The course provides an overview of several current web technologies, including client side applications such as web design using JavaScript and VBScript and server side applications on Apache (Linux) and IIS (Windows) using CGI, ASP, and Java Servlet technologies. Students will implement an e-commerce application using the learned components involved in a web system and e-business strategies. Projects are carried out individually and in groups. Replaces CS4606. Offered every year.  
Prerequisite: EMS.
- BU4045 Topics in MIS** **4 cr.**  
 Topics discussed will be chosen based on current issues and trends in management information systems. They will vary and may include use of multi-media and intelligent interfaces as well as integration of web technologies in the business market. There will be a team assignment to research an existing system and analyze, critique, replicate, and enhance it. Replaces CS4605. Offered every semester.  
Prerequisite: EMS.
- BU4110 Organizational Behavior and Management** **4 cr.**  
 This course examines the evolution of organizations and managerial roles in the industrialized world. It provides a comprehensive analysis of the functions and processes of management. Topics include the influence of business on society, international business, the managerial functions of planning, organizing, leading, and control, and the social influence of management in terms of ethics, leadership, power, communication, conflict, and organizational culture. Also studied are employee motivation, diversity, group dynamics, and decision-making. Replaces BU3100 and BU4101. Offered every semester.  
Prerequisite: Junior Standing.
- BU4120 Global Business** **4 cr.**  
 The goal of this course is to provide an introduction to international business environment and operations. The course emphasizes an interdisciplinary approach to the field and concentrates on how cultural factors influence behavior and the skills and processes of analysis necessary to work effectively across national borders. The course analyzes the social and political forces shaping multinational business' activities abroad and uses several models to understand cultural differences. An analysis of how cultural factors influence and affect decision making and organizational culture in a global context are the major thrusts of this course. Replaces BU5140. Offered every semester.  
Prerequisite: Junior Standing.
- BU4125 Business in China** **4 cr.**  
 An examination of the distinctive management challenges and opportunities of businesses operating in China. Students attend lectures in English and live in China. The course provides an overview of the growing role of business with its political, legal, cultural and economic influences on the rapidly changing international scene. Students are involved in independent research after visits to multinational companies, foreign banks, government controlled businesses, and foreign financial and economic centers. Offered occasionally during the Winter Mini-Semester or Summer Session.  
Prerequisites: BU2420; BU2430; one Management course.
- BU4130 Computer Applications for Business** **4 cr.**  
 This course provides a practical hands-on introduction to the use of computers in business. Students will become familiar with word processing, databases, spreadsheets, graphics, e-mail, and many other applications. Offered occasionally.
- BU4141 Labor Relations and Collective Bargaining** **4 cr.**  
 Examines the institutional and economic aspects of the employer-employee relationship, including a review of the labor movement; its development, organization, and structure; and the rise of public sector unionism. The legal and economic framework within which employers and employees function in the negotiating or collective bargaining process is stressed. Offered every year.  
Prerequisite: BU4101 or BU4110.

- BU4230 Information Systems for Managers** **4 cr.**  
 Introduction to the concept of information systems as strategic assets of the enterprise utilized to achieve strategic advantage. Investigation is also made of the use of information systems at the tactical and support business levels. Technology is always discussed in terms of its interaction with human systems (socio-technical systems). The goals are to facilitate management decision processes and to exploit information technology for strategic advantage. Offered occasionally.  
 Prerequisite: EMS.
- BU4450 Money and Banking** **4 cr.**  
 The role of commercial banks and financial institutions in the creation and allocation of credit; the central bank as a regulator of the money supply; introduction to monetary theory and policy; and money and banking in the international area. Offered every year.  
 Prerequisites: BU2420, BU2430.
- BU4492 Evolution of American Business** **4 cr.**  
 Designed to analyze the historical development of the growth of modern industrial organizations. The focus of the analysis will encompass the economic, cultural and legal ramifications of our modern business society. Explores the complex and dynamic interrelationships which exist between the business sector and society in general. Offered occasionally.
- BU4500 Intermediate Accounting I** **4 cr.**  
 An expanded treatment of accounting theory and principles: investigation of accounting for cash and temporary investments, receivables, inventory costing and evaluation, fixed asset acquisition, depletion and depreciation, intangible assets, and current liabilities. Emphasis is on the analysis of the recommendations and pronouncements of the American Institute of Certified Public Accountants and the Financial Accounting Standards Board. Offered every semester.  
 Prerequisite: BU3511.
- BU4510 Intermediate Accounting II** **4 cr.**  
 An expanded treatment of accounting theory and principles: investigation of accounting for capital, retained earnings, pensions, leases, cash flows, and earnings per share. Emphasis is on the analysis of the recommendations and pronouncements of the American Institute of Certified Public Accountants and the Financial Accounting Standards Board. Offered every semester.  
 Prerequisite: BU4500.
- BU4520 Development of Current Accounting Theory** **4 cr.**  
 This course provides a critical update and evaluation of recent developments in financial reporting and accounting theory. Other topics include income tax accounting, pensions, leases, accounting errors and changes, cash flows, and full disclosure concepts. Use of the Financial Accounting Research System is an integral component of this course. Replaces BU5530 effective Spring, 2007. Offered every semester.  
 Prerequisite: BU4510.
- BU4530 Accounting Applications for Computers** **4 cr.**  
 State-of-the-art technology is used to build a greater body of accounting knowledge in addition to developing computer proficiency. The course covers advanced features of the Excel spreadsheet application such as the "built-in" functions for present value important for mortgage and bond interest schedules; using queries which are applicable to auditing in the Access database application; and the use of PowerPoint to stress the importance of communicating accounting information while developing presentation skills. The Internet is recognized and utilized as a resource for professional research. Offered every semester.  
 Prerequisites: BU3511, CS1500.
- BU4570 Federal Income Tax I** **4 cr.**  
 A comprehensive study of tax principles and concepts as they apply to tax planning. Tax treatment of the individual is stressed initially with emphasis on rates and exemptions, items of gross income, recognition and realization of income, and capital gain concepts. Additional topics include corporate distributions to stockholders, personal and business deductions and losses. Offered every semester.  
 Prerequisite: BU3511 or permission of instructor.
- BU4590 Cost Accounting** **4 cr.**  
 Cost analysis and reports for planning and control. Cost information system: design and operation of job order and process costing. Planning and control of factory overhead; variance analysis, product costing, and responsibility accounting. Planning and control of labor and material cost. Sales and profit planning control. Offered every semester.  
 Prerequisite: BU3511.
- BU4762 Financial Management I** **4 cr.**  
 A study of the sources and uses of funds, with emphasis on the financial models of selection of assets and the most economical means of financing asset formation. Introduces financial statement analysis, planning, forecasting and strategy development for improving corporate profitability. Offered every semester.  
 Prerequisites: BU2420, BU2430, BU3201, BU3511.

- BU4774 Financial Markets and Institutions** 4 cr.  
 This course focuses on the importance of the financial system in providing liquidity, risk diversification, and efficient capital allocation in a globally interconnected economy. Specific topics will include: interest rate determination, term structure, structure and institutional make-up of capital markets, and risk analysis. The balance sheet of financial institutions will be analyzed to discern the risks inherent in the sources and uses of funds for different financial intermediaries as well as how regulatory changes impact markets and institutions. Replaces BU4770 and BU5773. Offered every semester.  
 Prerequisite: BU2430.
- BU4775 International Business, Trade, and Finance** 4 cr.  
 This course focuses on the general topics of international trade, tariffs and other trade barriers, exchange rates and currency stability, problems of developing economies, and specific issues that relate to the economic growth and development of China. Students attend lectures in English and live at Shandong Finance Institute. Offered occasionally during the Winter mini-semester or Summer Session.  
 Prerequisites: BU2420; BU2430; one other Finance course.
- BU4801 Advertising and Promotion** 4 cr.  
 Analysis of the role of advertising and promotion strategies in the marketing plan of the firm. Explores the function and institutions of advertising from both the client and agency perspective. Topics include social, economic and legal aspects of advertising and promotion, advertising agencies, media and budgeting, planning, execution and evaluation of the promotion campaign. Offered occasionally.  
 Prerequisite: BU3800.
- BU4805 Marketing Public Relations** 4 cr.  
 This course challenges students to use public relations as a strategic tool to achieve measurable and actionable marketing objectives. Marketers are looking for effective ways to target their audience and public relations offers a credible alternative to advertising. Students will examine marketing public relations and its affect on: target markets, global marketing, building/maintaining brands, on-line opportunities, and introducing new products. Offered every year.  
 Prerequisite: BU4801.
- BU4840 Direct Marketing** 4 cr.  
 An introduction to the principles of direct response marketing for the small independent firm, retail establishment, publishers, banks and other institutions. Topics include selection of product, market determination, mailing preparation, distribution, and evaluation. Offered every year.  
 Prerequisite: BU4801.
- BU5010 Database Applications for Managers** 4 cr.  
 This course will focus on the fundamentals of database design and applications from a management perspective. Topics will include: database applications in business organizations and non-profits, user needs analysis, database design, database security, and database extensions. Offered occasionally.  
 Prerequisite: BU4230.
- BU5020 Systems Analysis, Design, and Applications** 4 cr.  
 The course will include systems analysis and techniques in design and tools. Major topics will include the role of the system analyst, modeling techniques and systems design, reporting and documentation, and implementation strategies for profit and non-profit enterprises. Offered occasionally.  
 Prerequisite: EMS.
- BU5115 Operations Management** 4 cr.  
 Introduction to the theoretical and practical applications of OM. Topics: logistics; facility location layout; acquisition and replacement; forecasting; planning; operation scheduling and control; inventory planning and quality control. Replaces BU5110. Offered every year.  
 Prerequisites: BU4101 or 4110; BU3201; MA2080 or 2090.
- BU5120 Entrepreneurship** 4 cr.  
 The steps leading to the establishment of an independent business involving choice of business, structure, capital, startup, management practices, legal and financial considerations. Offered occasionally.  
 Prerequisites: BU3100 or BU4110; BU3502, BU3800.
- BU5125 Management and Society** 4 cr.  
 This is a managerially oriented course dealing with the relationship between business and society. A variety of viewpoints will be presented in the examination of the following topics: social responsibility of business, equal opportunity in employment, quality of work life, ecology and environment, consumerism, business and government, and managerial ethics. Offered every year.  
 Prerequisite: BU4101 or BU4110.
- BU5130 Organizational Theory** 4 cr.  
 An in-depth examination of how and why organizations develop. Topics to be covered are Goals and Effectiveness, Technology, Environment, Structural Types, Differentiation, Change and Development, Power, Committees, and Life Cycles. Will use cases extensively to

anchor the concepts. Offered occasionally.

Prerequisite: BU4101 or BU4110.

**BU5145 International Management 4 cr.**

This course focuses on managing global organizations and the corresponding aspects of cross-cultural behavior on managerial decisions. Typical topics to be discussed are global competitiveness, managing across cultures, diversity, intercultural communications, global planning, global human resource management, political risk and negotiations. Cases and/or a simulation will be employed. Offered every year.

Prerequisites: BU4101 or BU4110; BU4120 or BU5140.

**BU5150 Introduction to Management Science 4 cr.**

Analysis of systems in operations research. Systems philosophy, analysis, design, and implementation. The use of quantitative techniques: decision theory, linear programming, queuing, network analysis, stochastic processes, and dynamic programming. Emphasis is on structuring the problems and modeling. Offered on demand.

Prerequisites: BU3100 or BU4110; BU3220.

**BU5162 Operations Research 4 cr.**

This course deals with advanced topics in operations research such as: linear programming, including duality and sensitivity analysis, stochastic inventory control, simulation, dynamic programming and goal programming. Emphasis will be on model building, theory, and solution techniques. Some OR/M software will be utilized in the problem solving process. Offered on demand.

Prerequisites: MA2080; BU5110 or BU5115.

**BU5171 Human Resource Management 4 cr.**

Emphasizes the necessity of managing individuals in an organization as resources crucial to survival and success. The relationship of human resource management to strategic planning and implementation is analyzed. Specific attention is given to the theories, policies, techniques and methods related to human resource planning, recruitment, selection, interviewing, training and development, performance, appraisal, separation, labor relations and compensation in compliance with relevant legislation. Offered every semester.

Prerequisite: BU4101 or BU4110.

**BU5173 Training and Development 2 cr.**

An intense examination of the field of training and development. Includes such topics as learning and behavior; needs analysis counseling, program design and implementation, career planning, methods and facilities, program evaluation, and training administration. Offered every year.

Prerequisite: BU5171.

**BU5174 Compensation Management 2 cr.**

Elements of a rational and objective wage and salary system are examined. Topics to be covered are compensation perspectives, job analysis and evaluation, direct pay plans and administering the compensation system. Offered every year.

Prerequisite: BU5171.

**BU5190 Business Strategy and Policy 4 cr.**

Synthesizes the concepts and techniques developed in prior courses. The student is required to apply concepts from management, accounting, marketing, economics, and finance using the casework and/or simulation approach. Offered every semester. Must be taken in student's last semester.

Prerequisite: Senior Standing.

**BU5195 Management Seminar 4 cr.**

Selected current issues in the field are discussed. Emphasis will be on student research and critical analysis of topics. Although topics may vary from year to year, the following will be covered: Research Design and Application Methodology, Application of Quantitative Techniques, Measurement Strategies and Procedures, Ethical and Legal Issues, Health, Safety and Security. Replaces BU5175. Offered every year.

Prerequisites: Senior Standing; Permission of Instructor.

**BU5199 Internship in Management 4 cr.**

Designed for students who want experience in the work place participating in the management environment. This is an excellent opportunity to prepare for a career in the field. Open to Business Administration majors only. Offered every semester.

Prerequisites: Senior status; approval by Director of Career Services.

**BU5220 Applied Business Statistics 4 cr.**

Principles of statistical inference and decision theory; point and interval estimation; tests of hypotheses. Course stresses the fundamentals of modeling, interpretation and application of statistical data with computer software. Topics include the use of the normal, student, chi-square, and F distributions; bivariate and multivariate regression, correlation analysis; the design of experiments and the analysis of variance. A project provides application of modeling techniques. Offered occasionally.

Prerequisite: BU3201.

- BU5410 Business Economic Forecasting** 4 cr.  
 Course deals with identification, analysis, and appraisal of forces influencing the course of economic activity, and the presentation and critical evaluation of a variety of forecasting and projection techniques. Students are given an opportunity to appraise different forecasting approaches and to apply these techniques in the preparation of actual forecasts. Offered every year.  
 Prerequisites: BU3201, BU3220; BU4762 or BU4770 or BU4774.
- BU5472 Industrial Organization and Public Policy** 4 cr.  
 An analysis of the structure, conduct, and performance of firms and industries with emphasis on the evolution of economic concentration and its impact on managerial theory, industrial cycles, output, prices and profit. In addition to the western models of industrial organizations, it will examine foreign industrial structure and critically evaluate its form of development and performance within the world economy. Offered occasionally.  
 Prerequisites: BU2420, BU2430, BU3201.
- BU5505 Essentials of Government and Nonprofit Accounting** 2 cr.  
 This course is an introduction to government and nonprofit accounting. Fund accounting theory as well as financial statement presentation will be discussed for both government and nonprofit entities. The course also presents an overview of government auditing standards. Replaces BU5500. Offered every semester.  
 Prerequisite: BU4500.
- BU5525 Fundamentals of International Accounting** 2 cr.  
 A discussion of the evolution of international accounting principles and practices. International Financial Reporting Standards (IFRS) and reference to accounting and reporting requirements in selected countries will be covered. Current developments and implications for multinational organizations are also addressed. Offered every other year.  
 Prerequisite: BU 4510.
- BU5530 Development of Current Accounting Theory** 4 cr.  
 A critical evaluation of recent developments in accounting theory and the relationship of such theories to other sectors of society, such as the legal system, government regulatory agencies, and the multinational corporate environment. Other topics include income tax allocations and deferrals, recent SEC disclosure requirements. Offered every semester. (This course will be replaced by BU4520 beginning in Spring, 2007.)  
 Prerequisite: BU4510.
- BU5540 Advanced Accounting** 4 cr.  
 This course covers accounting for partnerships: formation, operation, dissolution, and liquidation. There is an in-depth analysis of business combinations including statutory mergers, consolidations, and acquisition of subsidiaries, preparation of consolidated financial statements including the equity method and elimination entries. Additionally, the course includes an introduction to foreign currency translation and transactions, the SEC, and Sarbanes-Oxley. Offered every semester.  
 Prerequisite: BU4510.
- BU5550 Auditing** 4 cr.  
 Study of the professional ethics and possible legal liability of the auditor. Examination of current auditing theory and techniques and their application to specific balance sheet and income statement accounts to obtain evidence that management's financial statements are fairly presented, including the generally accepted auditing standards, role of internal control, uses of sampling, effects of information technology, and the various reports rendered by auditors. Offered every semester. Must be taken in student's last semester.  
 Prerequisite: BU4510.
- BU5555 Foundations of Accounting Information System** 2 cr.  
 Examines the fundamental roles and functions of accounting information systems in providing support for decisions by management and other interested groups. Topics include database concepts, accounting data flow, and business processes. Students will learn how to apply software such as Microsoft Access in designing their own systems. Offered every other year.  
 Prerequisites: BU4500; CS1500.
- BU5560 Financial Statement Analysis** 2 cr.  
 An advanced level course covering the analytical tools necessary for conducting a financial analysis of a business and its financial statements. The course will focus on selecting the appropriate analytical tools and the effective use of notes to the financial statements for making financial decisions about a business. Topics include ratio and trend analysis, as well as an examination of annual reports, 10K and 10Q filings. Offered every other year.  
 Prerequisite: BU4510.
- BU5570 Introduction to Business Taxation** 2 cr.  
 This course is intended to introduce students to the federal income taxation of business entities as well as the related tax effects to their owners. Topics include: Partnerships, LLC's, "C" Corporations, and "S" Corporations. The course will examine the rules related to selecting & organizing the entity, reporting annual operations, and the tax implications to owners for distributions and pass-through

items. For students intending to enroll in the M.S. in Accounting program. Offered every year. Students should not take both BU5770 and BU5571.

Prerequisite: BU4570 or permission of instructor.

**BU5571 Federal Income Tax II 4 cr.**

Only open to Accounting students in the Non-MS Track. Tax treatment of corporations, partnerships, limited liability entities, business transactions and their related tax forms are stressed in this second course in taxation. Topics include: depreciation, Section 1231 and depreciation recapture under Sections 1245 and 1250, bad debts and losses, "C" Corporation formation and operations, "S" Corporations, Partnerships and Limited Liability Entities, and an introduction to multi-state taxation. Offered every semester. Students should not take both BU5571 and BU5570.

Prerequisite: BU4570 or permission of instructor.

**BU5599 Internship in Accounting 4 cr.**

Designed for students who want experience in the work place participating in the accounting environment. This is an excellent opportunity to prepare for a career in the field. Open to Accounting majors only. Offered every semester.

Prerequisites: Senior Standing; approval by Director of Career Services.

**BU5630 Estate Planning 2 cr.**

An introduction to the estate planning process. Emphasis will be on the reduction of the estate tax and wealth preservation. Topics include wills and the probate estate, powers of attorney and health care directives, an overview of the estate and gift tax, the utilization of trusts to minimize the tax and direct the use of assets, the marital exclusion, lifetime giving strategies, and basic estate administration. Offered every year.

Prerequisite: BU4570.

**BU5740 Investment Management and Security Analysis 4 cr.**

Study of theories, techniques and approaches for determining the values of major types of securities including derivation of capitalization rates, forecasting of earnings and technical analysis. Evaluation of the dividend, capital leverage controversies and the efficient market hypothesis. Introduction to modern portfolio theories and investment strategies. Offered every semester.

Prerequisites: BU3201, BU4762.

**BU5750 Investment Banking and Capital Markets 4 cr.**

Concentrates on the following topics at a fairly advanced and extensive level of treatment: financial markets, domestic and international; the link between interest rate changes and capital markets; the growth and impact of derivatives: futures, options, and swaps; and the effects of securitization on domestic and global financial markets. Offered in alternate years.

Prerequisite: BU4450.

**BU5754 Retirement Planning 2 cr.**

An introduction to retirement planning, including an analysis of retirement income needs, Social Security, Medicare, Traditional & Roth IRA's, employer sponsored retirement plans, and deferred compensation including stock options. Offered every year.

Prerequisite: BU4570.

**BU5760 Financial Management II 4 cr.**

The purpose of Financial Management II is to integrate and explain through case method, topics completed in Financial Management I. Students taking Financial Management II should expect to work individually and jointly on lengthy and complex case problems on capital budgeting, financial analysis, dividends, mergers and acquisitions, and leverage buyouts. Offered every year.

Prerequisite: BU4762.

**BU5771 Global Financial Markets 4 cr.**

This course focuses on the mechanics and functions of international financial markets and covers such topics as: Foreign Exchange Market, Eurocurrency Market, Exchange Rate Systems, Currency Futures, Currency Options, International Banking, International Capital Markets, and International Financing. Offered every semester.

Prerequisite: BU4762.

**BU5789 Futures and Options Markets 4 cr.**

This is an advanced course in Finance which covers intensively the futures, options, and swaps markets as they are used for hedging, speculating, and arbitraging. The course provides an up-to-date coverage of derivative instruments. Offered in alternate years.

Prerequisites: BU4770 or BU4774; permission of instructor.

**BU5790 Seminar in Finance 4 cr.**

Discussion of topics in finance chosen by instructor. Offered every year.

Prerequisites: Senior Standing; permission of instructor.

**BU5799 Internship in Finance 4 cr.**

Designed for students who want experience in the work place participating in the finance environment. This is an excellent opportunity to prepare for a career in the field. Open to Finance majors only. Offered every semester.

Prerequisites: Senior status; approval by Director of Career Services.

- BU5800 Marketing Research** **4 cr.**  
 Research methods and their application to business and marketing problems. Introduction to methods of data collection and analysis, including primary and secondary data, conclusive research and experimentation, sampling, and factor analysis. Offered every semester.  
 Prerequisites: BU3201, BU3800.
- BU5820 International Marketing** **4 cr.**  
 Nature and practice of international marketing management. Covers problems of marketing across national boundaries as well as within different national markets. Emphasizes the environment in which international marketing takes place; deals with product, pricing, distribution and promotion strategies of international marketing managers; examines ways of integrating and coordinating the firm's marketing programs in diverse markets. Offered every year.  
 Prerequisites: BU2420, BU2430, BU3800.
- BU5841 Strategic Marketing Management** **4 cr.**  
 This course places heavy emphasis on problem recognition, strategizing, implementing and justifying why marketing plans should be adopted by the organization. Students will be applying knowledge gained in other courses to case studies and an interactive computer simulation. The perspective will be of senior marketing management. Offered occasionally.  
 Prerequisite: Senior Standing.
- BU5851 Consumer Behavior** **4 cr.**  
 Incorporates concepts from the behavioral sciences that provide a foundation for the study of buyer behavior. The course evolves through an exploration of the contributions from economics, psychology, sociology and cultural anthropology that reveal the motivations underlying consumer behavior. Offered every semester.  
 Prerequisite: BU3800.
- BU5860 Business to Business Marketing** **4 cr.**  
 An intensive analysis of business-to-business marketing involving examination of competitive and economic environments on marketing decisions related to business equipment, industrial components and process materials. Pricing options, segmentation, channel strategies, and promotion strategies will be evaluated through case analysis. Offered occasionally.  
 Prerequisites: BU2420, BU2430, BU3100 or BU4110; BU3800.
- BU5865 Services Marketing** **4 cr.**  
 Exploration of marketing problems for service businesses and nonprofit organizations. Course involves extensive case analysis involving problem identification and the creation of marketing strategies for areas such as financial services, health services, professional services, transportation, and educational facilities. Offered occasionally.  
 Prerequisites: BU2420, BU2430, BU3100 or BU4110; BU3800.
- BU5880 Brand Theory and Strategy** **4 cr.**  
 This course focuses on how brands are created and managed within the marketing process. Using an interdisciplinary marketing and social science perspective, students analyze the cultural system of brand identity generated by product manipulation and consumer choice, creating value for both buyer and corporation. Marketing policies are evaluated through an analysis of product development, distribution and pricing with particular focus on the newest communication tools in advertising, public relations and sales promotions. Offered every year.  
 Prerequisite: BU3800.
- BU5891 Marketing Seminar** **4 cr.**  
 A program tailored to the needs and interests of students of marketing, advertising, and public policy issues. Students complete an actual business project related to marketing. Offered occasionally.  
 Prerequisite: Senior Standing.
- BU5895 Internship in Marketing** **4 cr.**  
 Designed for students who want experience in the work place participating in the marketing environment. This is an excellent opportunity to prepare for a career in the field. Open to Marketing majors only. Offered every semester.  
 Prerequisites: Senior Standing; approval by Director of Career Services.

# CHEMISTRY, PHYSICS AND PHYSICAL SCIENCE COURSES

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All course offerings are contingent upon budgetary allocations, faculty resources, and enrollment figures and, unless otherwise indicated, are offered in accordance with student demand.

To enroll in Chemistry/Physics courses at the 2000 level, students must demonstrate ECI placement. To enroll in Chemistry/Physics courses at the 3000 level, students must demonstrate ECII placement. To enroll in Chemistry/Physics courses at the 4000 level and beyond, students must be proficient in English.

Students may petition the department for waiver of prerequisite or co-requisite requirements for a course if they believe they have the equivalent background.

## **CP2000 Chemistry for Non-majors 3 cr.**

Survey of chemistry for the non-science major. Basic principles to be covered include atomic structure, chemical properties, chemical reactions, the nature of organic and inorganic compounds and novel materials. Principles are illustrated with applications to daily life. No prior background in chemistry required. Offered periodically.

Prerequisite: MA0500.

## **CP2001 Chemistry for Non-Majors Laboratory 1 cr.**

Laboratory course designed to illustrate concepts taught in Chemistry for Non-majors. Emphasis on measurement, observation, data collection and reporting in addition to illustration of basic chemical principles. One three-hour laboratory session per week. Offered in conjunction with CP2000.

Co-requisite: CP2000.

## **CP2050 The Nature and Development of Science 4 cr.**

The course involves students in study and reflection within the historical context of the development of science as a forum to synthesize their learning of various scientific disciplines. The context is provided by a thorough analysis of the historical and philosophical foundations of scientific knowledge and practice, and its emergence as a distinctly modern view of the universe. The course addresses National Science Education Standards that call for an understanding of the history and development of science, as well as its interdisciplinary nature. *Note: This course does not fulfill the General Education Domain 7A (Science) requirement.*

Prerequisite: EMS.

## **CP2100 General Chemistry I 3 cr.**

A one semester introduction to basic chemical theories and inorganic chemistry. Topics include chemistry of the elements, chemical periodicity, atomic theory, chemical bonding, stoichiometry, equilibrium, acids and bases and nuclear chemistry. Not open to chemistry majors. Offered periodically.

Prerequisite: MA0500.

## **CP2101 General Chemistry Lab I 1 cr.**

Laboratory course designed to illustrate concepts taught in General Chemistry I. Emphasis on laboratory measurement skills and basic chemical concepts. Three laboratory hours per week. Offered in conjunction with CP2100.

Co-requisite: CP2100.

## **CP2110 General Chemistry II 3 cr.**

A one semester introduction to organic and biochemistry. Topics include reactions of hydrocarbons, alcohols, ethers, amines and carbonyl compounds, structure and metabolism of carbohydrates, lipids, proteins, enzymes and important body fluids. Not open to chemistry majors. Offered periodically.

Prerequisite: CP2100.

## **CP2111 General Chemistry Lab II 1 cr.**

Laboratory course designed to illustrate concepts taught in General Chemistry II. Emphasis on laboratory measurement skills and basic chemical concepts. Three laboratory hours per week. Offered in conjunction with CP2110.

Prerequisite: CP2101; Co-requisite: CP2110.

## **CP2120 Principles of Chemistry I 3 cr.**

Introduction to the origins and principles of modern chemistry. Discussion of atomic and molecular structure, stoichiometry, periodicity, bonding and states of matter. Principles are illustrated through demonstrations and study of descriptive chemistry. Offered every semester.

Prerequisite: MA1020.

## **CP2121 Principles of Chemistry Lab I 1 cr.**

Laboratory course designed to illustrate concepts of Principles of Chemistry I. Emphasis on basic chemical concepts, quantitative laboratory skills, descriptive chemistry, and development of scientific report writing skills. Three laboratory hours per week. Offered

in conjunction with CP2120.

Co-requisite: CP2120.

**CP2130 Principles of Chemistry II 3 cr.**

Continuation of Principles of Chemistry I. Discussion of acid/base and oxidation/reduction reactions, equilibrium, kinetics and electro-chemistry. Principles are illustrated through demonstrations and study of descriptive chemistry. Offered every semester.

Prerequisite: CP2120.

**CP2131 Principles of Chemistry Lab II 1 cr.**

Continuation of CP2121. Emphasis on basic chemical concepts, quantitative laboratory skills, descriptive chemistry, and development of scientific report writing skills. Three laboratory hours per week. Offered in conjunction with CP2130.

Prerequisite: CP2121; Co-requisite: CP2130.

**CP2150 Chemistry for Consumers 3 cr.**

A one semester chemistry course of general interest for non-science majors. Lectures cover basic chemical principles and their applications. Diverse topics are covered, including air and water pollution, nuclear chemistry, food additives and medicinal chemistry. This course may not be used to fulfill the elective requirement for chemistry majors and is not recommended for allied health students. No prior background in chemistry required. There is no laboratory associated with this course. Offered periodically.

**CP2210 Physical Science 3 cr.**

A survey of basic concepts of physical science for students in non-science majors. Topics chosen from fundamental principles of physics, astronomy, chemistry and earth science will provide the student with a broad basic background. Offered periodically.

Prerequisite: MA1020.

**CP2211 Physical Science Laboratory 1 cr.**

A one semester hands-on laboratory course designed to introduce the non-science major to the basic concepts of the physical sciences. Laboratory exercises are selected to provide a broad background in the fundamental aspects of Mechanics, Light, Electricity, Chemistry, Geology and Astronomy. Offered in conjunction with CP2210.

Prerequisite: MA1020; Co-requisite: CP2210.

**CP2220 Structure of Physics 3 cr.**

A non-calculus, introductory physics course for biological science, health sciences and premedical students. Topics included are the principles and laws of mechanics, wave motion and sound. Offered every Fall.

Prerequisite: MA2090 or equivalent.

**CP2221 Structure of Physics I Laboratory 1 cr.**

A three-hour laboratory course illustrating topics covered in CP2220. Offered in conjunction with CP2220.

Co-requisite: CP2220.

**CP2230 Structure of Physics II 3 cr.**

A continuation of Structure of Physics I. Topics include heat and thermodynamics, electricity and magnetism, physical and geometric optics and selected topics from nuclear physics. Offered every Spring.

Prerequisite: CP2220.

**CP2231 Structure of Physics II Laboratory 1 cr.**

A three-hour laboratory course illustrating topics covered in CP2230. Offered in conjunction with CP2230.

Co-requisite: CP2230.

**CP2240 General Physics I 3 cr.**

The first semester of a calculus-based introductory physics course primarily for chemistry, math and pre-engineering majors. Kinematics, energy, momentum, rotational motion, sound and wave motion are included. Offered every Fall.

Prerequisite: MA2310.

**CP2241 General Physics I Laboratory 1 cr.**

A three-hour laboratory course illustrating topics covered in CP2240. Offered in conjunction with CP2240.

Co-requisite: CP2240.

**CP2250 General Physics II 3 cr.**

The second semester of a calculus-based general physics course. Optics, electricity, and magnetism are included. Offered every Spring.

Prerequisite: CP2240.

**CP2251 General Physics II Laboratory 1 cr.**

A three-hour laboratory course illustrating topics covered in CP2251. Offered in conjunction with CP2250.

Co-requisite: CP2250.

- CP2300 Weather Studies** **3 cr.**  
 Weather Studies covers the composition and structure of the atmosphere; the flows of energy to, from, and through the atmosphere; and the resulting atmospheric motions. The physical principles of atmospheric phenomena are stressed, as well as the effects of weather on society. Students will participate in learning activities coordinated with current weather data delivered via the web. Note: This is an online course; concurrent registration in CP2301 required. Offered periodically.  
Prerequisite: MA1020; Co-requisite: CP2301.
- CP2301 Weather Studies Lab** **1 cr.**  
 Laboratory course designed to illustrate concepts taught in Weather Studies (CP2300). Laboratory investigations include experiments on the physical properties of air, analysis of weather trends, and creation and interpretation of real time weather plots. Note that all lab work will be done online. Offered in conjunction with CP2300.  
Co-requisite: CP2300.
- CP3230 Mathematical Methods in the Physical Sciences** **3 cr.**  
 Application of advanced mathematical principles to problems in the physical sciences. Topics include infinite and power series, functions of several variables, matrix and vector algebra, Fourier analysis, special functions and differential equations. Offered periodically.  
Prerequisite: MA2320.
- CP3300 Organic Chemistry I** **3 cr.**  
 The first semester of an introductory organic chemistry course. Discussion of major classes of organic compounds, with emphasis on structure, reactions, synthesis, stereochemistry and reaction mechanism. Offered every Fall.  
Prerequisite: CP2130.
- CP3302 Organic Chemistry Lab I** **2 cr.**  
 Designed to illustrate topics of CP3300. Stresses development of laboratory skills in synthesis, separation and purification of organic compounds. Emphasizes scientific report writing skills. Four laboratory hours per week. Offered in conjunction with CP3300.  
Co-requisite: CP3300.
- CP3310 Organic Chemistry II** **3 cr.**  
 Continuation of Organic Chemistry I, with discussion of additional major classes of organic compounds. Offered every Spring.  
Prerequisite: CP3300.
- CP3312 Organic Chemistry Lab II** **2 cr.**  
 Designed to illustrate topics of CP3310. Stresses additional synthetic techniques not covered in CP3302, spectroscopic methods and qualitative organic analysis. Emphasizes scientific report writing skills. Four laboratory hours per week. Offered in conjunction with CP3310.  
Prerequisite: CP3302; Co-requisite: CP3310.
- CP3400 Analytical Chemistry** **5 cr.**  
 Study of chemical stoichiometry, homogeneous and heterogeneous equilibria, principles of volumetric and gravimetric analysis, chemical separation methods and spectrophotometry. Includes statistical analysis of data and scientific record-keeping. Two lectures and one four-hour laboratory per week. Offered every Fall.  
Prerequisites: CP2130, CP2131.
- CP4320 Advanced Organic Chemistry** **3 cr.**  
 An examination of modern synthetic methods, molecular orbital theory, linear free energy relationships, acid-base catalysis, neighboring group participation, medium and salt effects, and a detailed consideration of the mechanistic features of a wide variety of organic reactions. Offered periodically.  
Prerequisite: CP3310; Co-requisite: CP4700.
- CP4510 Biochemistry I** **3 cr.**  
 Comprehensive coverage of the chemistry and metabolism of biological compounds, including proteins, nucleic acids, lipids, polysaccharides, and their precursors. Also treats enzyme kinetics, bioenergetics and biosynthesis of important biomolecules. Offered every Fall.  
Prerequisite: CP3310.
- CP4515 Biochemistry II** **3 cr.**  
 Continuation of Biochemistry I, with emphasis on the control of biochemical processes, photosynthesis, replication, transcription and translation, genetic engineering, ribosomes, and metabolism. Offered every Spring.  
Prerequisite: CP4510.
- CP4520 Biochemistry Lab** **2 cr.**  
 Laboratory experiments illustrating current biochemical techniques and reinforcing lecture topics. Four laboratory hours per week. Offered in conjunction with CP4510.  
Co-requisite: CP4510.

- CP4700 Physical Chemistry I** **3 cr.**  
 Survey of the basic principles of physical chemistry, with emphasis on thermodynamics, changes of state, solutions, phase equilibria and kinetic theory. Offered every Fall.  
Prerequisites: CP2130, MA2320 and two semesters of college Physics.
- CP4710 Physical Chemistry II** **3 cr.**  
 Survey of the basic principles of physical chemistry with emphasis on chemical kinetics, quantum mechanics, atomic and molecular structure. Offered every Spring.  
Prerequisite: CP4700.
- CP4720 Physical Chemistry Lab** **2 cr.**  
 Laboratory experiments designed to illustrate the chemical principles underlying thermodynamics, equilibria, surface and transport properties, chemical kinetics, and spectroscopy. Includes vacuum techniques and use of computers to acquire and analyze data. Emphasizes scientific report writing in standard format. Offered in conjunction with CP4710.  
Co-requisite: CP4710.
- CP4800 Advanced Chemical Methods** **5 cr.**  
 A study of organic and inorganic compounds using instrumental methods of characterization. Synthetic techniques may include use of inert atmosphere and electrochemical methods. Characterization of compounds may utilize spectroscopy, GC/MS, LC/MS, electrochemistry, NMR and others. Two lectures and one four-hour laboratory per week. Emphasis on scientific report writing in standard format. Offered every Spring.  
Prerequisites: CP3310, CP3312, CP3400, CP4700.
- CP5500 Advanced Topics in Chemistry** **3 cr.**  
 One-semester lecture course covering selected topics of current importance to chemists. Course content may include such topics as spectroscopy, radiation chemistry, electricity and magnetism, molecular orbital theory, group theory and new instrumental techniques. Offered periodically.  
Prerequisite: Permission of the Instructor.
- CP5600 Advanced Inorganic Chemistry** **3 cr.**  
 Study of inorganic chemistry emphasizing the use of thermodynamic, kinetic and quantum mechanical principles. Topics include structure, bonding, descriptive chemistry, coordination compounds, group theory, and discussion of current topics from the literature. Offered periodically.  
Prerequisite: CP4710.
- CP5900 Research** **2-4 cr.**  
 Research project carried out under the supervision of a faculty member. Each project includes a survey of the appropriate original literature, a theoretical or experimental investigation, and a comprehensive report of the results. Offered every semester.  
Prerequisite: Permission of the Chemistry/Physics faculty.
- CP5920 Senior Seminar I** **1 cr.**  
 Capstone course in which the student integrates coursework in the sub-disciplines to discuss topics of current interest in the profession. Includes instruction in library resources and on-line searching, scientific writing, ethics workshops and oral presentations. Students choose a supervisor and seminar topic and submit a draft written report. Attendance at Science Seminar Series is required. Offered every Fall.  
Prerequisite: Senior Standing or Permission of the Instructor.
- CP5921 Senior Seminar II** **1 cr.**  
 Continuation of CP5920. Emphasis on producing paper in American Chemical Society format. Attendance at Science Seminar Series is required. Offered every Spring.  
Prerequisite: CP5920.
- CP9990 Independent Study in Chemistry/Physics** **2-4 cr.**  
 An academic project other than laboratory research carried out under the supervision of a faculty member. Offered every semester.  
Prerequisite: Permission of the Chemistry/Physics faculty.

# CRIMINOLOGY COURSES

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All course offerings are contingent on budgetary allocations, faculty resources and enrollment figures and, unless otherwise indicated, are offered in accordance with student demand.

**CR2500 Introduction to Criminology 4 cr.**

This course will provide students with an introduction to the social scientific study of crime. Students will explore quantitative and qualitative evidence concerning various types of crime (e.g. murder, robbery, rape, domestic violence, child abuse, burglary, larceny, motor vehicle theft, organized crime, international crime, and white collar crime). Also, they will explore crime statistics concerning the demographic dimensions of crime (i.e. age, race, sex, and class). Students will be provided with a brief introduction to biological, psychological, and sociological explanations of crime, and learn to compare social science and media representations of crime and criminals. Finally, students will learn to assess conservative, liberal and radical explanations of historical crime trends, and to examine the impact of the criminal justice system (i.e. police, courts, corrections) on rates of crime. Offered every semester.

Prerequisite: ECII.

**CR3090 Juvenile Delinquency 4 cr.**

This course will provide an introduction to theories and research findings concerning causes of juvenile delinquency in U.S. society. In addition, social policies designed to address delinquency as a social problem will be explored. Normally offered every year.

Prerequisite: ECII.

**CR4091 Punishment and Corrections 4 cr.**

Students are introduced to the sociology of punishment and corrections. The historical development and form of modern corrections systems in the United States are explored. Various punishment and correction strategies, ideologies, and policy alternatives are assessed. Normally offered every year.

Prerequisite: EMS.

**CR4092 Victimology 4 cr.**

This course will provide an introduction to theory and research about individuals and specific populations that have been victimized by interpersonal, institutional and state-sanctioned violence and abuse. Specific topics may include domestic violence and incest, rape, biased-related crimes, and post-trauma syndrome as a result of war, torture, social or environmental catastrophes. Students will also become acquainted with the variety of social services, specialized programs within the criminal justice system and practitioners who treat "survivors" of violence and abuse. Normally offered every year.

Prerequisite: EMS.

**CR4093 Criminal Justice Administration 4 cr.**

This course introduces the student to conceptual frameworks, theories, and empirical research related to criminal justice administration. Students learn to understand criminal justice as a system, embedded within other systems, and to consider the interaction between (and the interdependence of) the major system components (police, prosecution, courts, and corrections). The administration of criminal justice and criminal justice policy are considered at length. Students apply what they have learned to a series of realistic case studies. Normally offered every year.

Prerequisite: EMS.

**CR4094 Drugs and Society 4 cr.**

This course examines the use of drugs not only in contemporary American society, but also cross-culturally. The course is arranged so that the material progresses from substances utilized in their natural forms, up to technological "designer" drugs. The problems and virtues of objectively and subjectively studying drug effects are extensively addressed. The history of specific substances is exhaustively explored, so that students may see how modern representations and use of substances such as caffeine, marijuana, cocaine, etc., differ from other areas. Students are taught to think critically about drug information presented by the government, media, and pharmaceutical industries. The course investigates how drug use varies by class, race, and sex. The course integrates all of this knowledge to critically assess current drug laws and policies. Offered every year.

Prerequisite: EMS.

**CR4550 Theories of Crime 4 cr.**

Students will read a variety of theoretical writings from the literature on crime and deviance. Classes and assignments will be designed to enable students to summarize, assess, and critique these theories. In addition, the implications of theoretical criminology for social/criminal justice policy will be explored. Normally offered every year.

Prerequisites: SY4530, EMS.

**CR4999 Issues in Criminology 4 cr.**

Gives students the opportunity to examine in greater depth the analysis and discussion of current specialized criminological work in the particular area defined by the instructor (as indicated in the schedule of classes). Students are permitted to take CR 4999 Issues in Criminology for credit and as fulfillment of elective requirements for the Criminology and Sociology Majors up to two times in which

two distinct topics are covered. Offered every year.

Prerequisite: EMS.

### **CR5980 Senior Seminar**

**4 cr.**

Students will read and review a variety of major works in contemporary Criminology. Also, students will do an in-depth theoretical and empirical examination of a selected topic in Criminology, and write a substantial research paper. Offered every semester.

Prerequisites: Senior Standing, SY4500, SY4520, SY4530.

## COMPUTER AND INFORMATION SCIENCE COURSES

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All course offerings are contingent on budgetary allocations, faculty resources and enrollment figures, and are offered in accordance with student demand, unless otherwise indicated. Prerequisites must be met and no course substitutions are allowed except with the written approval of the department Chair.

### **CS1500 Introduction To Computer Applications**

**4 cr.**

This course is designed to provide the student with a comprehensive introduction to PCs. Topics include fundamental concepts, hardware components, software products, trends in computing and an introduction to the Microsoft Windows environment, including the use of the mouse and file management. Issues related to the impact computers have on society and current changes in technology are also discussed. Students will receive hands-on instruction in popular software applications including Microsoft Word, Excel, Access and PowerPoint. Offered every semester.

### **CS1505 Internet and Society**

**4 cr.**

This course covers workings of the Internet, researching online and societal issues which either affect the Internet or are affected by it. Topics: Overview of the Internet and World-Wide-Web, ISPs, e-mail, chat, instant messaging, browsers, databases and Web services, file types and downloading, Web page design, online shopping and security. Researching online: search engines, indexes, quick reference aids, Boolean searches, Web resources in various subject areas. Societal issues: intellectual property, privacy, online education, e-commerce, online communities. Offered every year.

### **CS1510 Advanced Computer Applications**

**4 cr.**

This course introduces the role of computers and data processing in the business environment. Topics include essential business computer concepts. Popular PC software packages (database management software and especially electronic spreadsheets) are used to emphasize business analysis and decision-making using computers. Business and Accounting majors will appreciate our coverage of the electronic spreadsheet package, Microsoft Excel. Topics include: basic spreadsheet design, entering data, formatting worksheets, implementing formulas and more. This course is primarily for business majors. Offered every year.

### **CS2510 Computer Programming I**

**4 cr.**

Introduction to program design and analysis: algorithmic processes, basic programming techniques, program specification & structure, program development, debugging and testing. Emphasis on programming methodology and style. Students learn the basic language features of C++/Java to write basic to intermediate level programs. Offered every semester.

Prerequisite: MA2090 or equivalent.

### **CS2511 Computer Programming II**

**4 cr.**

Continuation of CS2510. Discussion of storage classes, pointers, recursion, files and string manipulation. Basic data structures and algorithms, data abstractions and object-oriented programming. Students write intermediate to advanced level programs in C++/Java. Offered every semester.

Prerequisites: CS2510 and MA2030.

### **CS3620 Computer Architecture I**

**4 cr.**

Basic computer architecture. Switching theory, data representation, arithmetic operations, assembly language coding, Boolean logic, combinational circuits, logical design, instruction execution, sequential machines. Offered every semester.

Prerequisites: CS2510 and MA3030.

### **CS3630 Computer Architecture II**

**4 cr.**

Integrated circuits, pipelining, Cache Memory, DRAM, RAID, Memory Hierarchy, I/O Device Interfacing, DMA, CISC processing, RISC processing, Multi processing, Vector processing, Parallel processing. Offered once a year.

Prerequisite: CS3620.

- CS3810 Data Structures & Algorithms** **4 cr.**  
 Abstract data structures and their implementations. Linear lists, stacks, arrays, orthogonal lists, graphs, trees and multilinked structures. Basic and higher level file structures and their manipulation. Analysis and design of efficient sorting and searching algorithms, including recursion, divide-and-conquer, and balancing approaches. Advanced level programming. Assignments conforming to the object-oriented methodology covered in CS2511. Offered every semester.  
Prerequisites: CS2511 and MA3030.
- CS3910 Java and Object-Oriented Programming** **4 cr.**  
 Object-oriented programming: classes, interfaces, objects, messaging, composition, inheritance. Language features: exceptions, packages, garbage collection, virtual machine. Built-in-Packages: lang, util, io, awt, swing. Applications, applets and security. File structures and file I/O. Object-oriented design: design patterns, frameworks and UML. Programming assignments carried out individually. Offered every semester.  
Prerequisite: CS3810.
- CS3911 C++ and Object-Oriented Programming and Design** **4 cr.**  
 Object-oriented programming: encapsulation, abstraction, classes, interfaces, objects, messaging, composition, polymorphism and inheritance. Language features; namespaces, exceptions and templates. Programming with STL. File structures and file I/O. Object-oriented design: design patterns, frameworks and UML. Programming assignments carried-out individually and in groups. Offered once a year.  
Prerequisite: CS3810
- CS4100 Technical Communications** **4 cr.**  
 Emphasis on technical writing and public speaking skills. Application of report-writing fundamentals to technical correspondence, technical reports, user manuals. Detailed analysis of the problem of conveying technical information to technical and non-technical audiences in written, as well as oral form. Term project involving written paper on a technical subject and an oral presentation of the subject in class. Offered every semester.  
Prerequisite: Junior Standing in Computer Science.
- CS4400 Artificial Intelligence** **4 cr.**  
 Introduction to the programming language LISP. Additional topics include: search as problem-solving paradigm; depth first, breadth first, best first, min/max and alpha beta; state space representation, OR graphs, AND/OR graphs, means end analysis and problem reduction; propositional and predicate logic, skolemization, resolution and theorem proving, semantic nets, frames, neural nets and genetic algorithms. Students write programs in LISP and C++/Java. Offered every other year.  
Prerequisites: CS3810 and MA3210.
- CS4501 Software Engineering** **4 cr.**  
 Introduces discipline into the development of small programs and teaches construction of large programs using smaller ones as components. Program development focuses on recognition and description of useful abstractions. Object-oriented methodology; procedural, data and control abstractions; specifications, design methods, UML, implementation and testing. Programming assignments in C++/Java are carried out individually and in groups. Offered every semester.  
Prerequisite: CS3810.
- CS4550 Database Systems** **4 cr.**  
 Basic concepts: data, information systems, data independence and need for DBMS facilities. The relational model: schema, subschema, relational algebra, relational calculus, SQL, ODBC, JDBC and SQLJ. Database design: entity-relationship model and normalization. Performance considerations, integrity, security and transaction processing. DBMS examples: Access, DB2 and Oracle. Offered every semester.  
Prerequisite: CS3810.
- CS4600 Topics in Computer Science** **4 cr.**  
 Current topics in computer science which are of interest to the computer science faculty will be chosen for discussion. Topics may change each semester. Offered once a year.  
Prerequisite: CS3810.
- CS4610 Languages & Translators** **4 cr.**  
 Topics include features and characteristics of programming languages and basic principles and techniques of language design. Lexical analysis, syntax analysis, code generation, symbol table and error handling will be covered. The student will develop a simple compiler or interpreter. Offered once a year.  
Prerequisite: CS3910.
- CS4710 Applied Cryptography and Computer Security** **4 cr.**  
 This course develops notions of information security and deals with the tools for guaranteeing secure communications in an adversarial setting. Topics include basic number theory, cryptographic methods, key distribution, and protocols for authentication and confidential communications. The course examines C++/Java security applications that employ cryptography. Students will be assigned several small programs incorporating security. Offered once a year.  
Prerequisites: CS3810 and CS4501.

**CS4720 Internet and Web Technologies 4 cr.**

Survey of Internet technologies and a comprehensive introduction to the programming tools and skills required to build and maintain server sites on the Web. TCP/IP: protocols and services. WWW/HTTP/HTML techniques for text, images, links and forms. Javascript and DHTML. XML, CSS1, CSS2. Indexing and search. Perl and basic CGI. Java Applet, Servlet and JDBC. Web-Database interface: MYSQL, Perl-DBI, PHP, VB Script-Access. Intensive programming assignments to be carried out individually and in groups. Offered once a year.  
Prerequisites: CS3910 and CS4550.

**CS5610 Operating Systems 4 cr.**

Memory management: multiprogramming, relocation, paging, virtual memory, dynamic loading and linking. Process management: job scheduling, process scheduling and synchronization, multiprocessing. Device management: input/output, channels and control units, buffering, interrupt structure and processing. Information management: logical and physical file systems, file processing. OS examples: Unix/Linux, Windows. Offered once a year.  
Prerequisite: CS3810.

**CS5710 Computer Networks 4 cr.**

Basic system support for process to process communications across a computer network. The TCP/IP protocol suite and the socket application programmers' interface. Development of network application programs based on the client server model. Local area and wide-area network technologies including fast Ethernet, X.25, frame relay and ATM. Performance considerations, network security, network management and multimedia networks.  
Prerequisites: CS3810 and MA3210.

**CS5720 Advanced Java Programming and Applications 4 cr.**

This course introduces Java applications in networking and database programming. It uses Java's advanced features in reflection, serialization, multithreading, networking, database connectivity and remote objects. Offered once a year.  
Prerequisites: CS3910; CS4550; CS5710.

**CS5730 Computer Network Security 4 cr.**

This course is a continuation of CS4710 and deals with the issues in network security. Topics include Kerberos, public key infrastructures, electronic mail security, IP security, Web security, intrusion detection and response, password management, viruses and worms, firewalls, denial of service attacks and defenses, wireless security, and privacy. Students will write several small programs including a network application incorporating security. Offered once a year.  
Prerequisites: CS4710 and CS5710.

**CS5910 Systems Design & Implementation 4 cr.**

System feasibility studies, meeting with users, project definition, environmental analysis. Data collection, design phase, system restart and recovery. Database considerations, programming, system completion, systems parallel, benchmarks. User training and manual. Conversion planning. Students, working in groups, design and implement a significant software project. Offered every semester.  
Prerequisites: CS4501, CS4550 and CS5710.

# SCHOOL OF EDUCATION COURSES

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All course offerings are contingent on budgetary allocations faculty resources, and enrollment figures and unless otherwise indicated, are offered in accordance with student demand.

**ED3320 Communications Skills for Teachers 4 cr.**

An advanced communications skills course designed for education majors who have been identified by Teacher Education faculty as needing improved reading, writing and listening skills to prepare them for the demands of the classroom. Emphasis is on increasing reading and comprehension, analysis of grammatical structure, development of writing skills and improvement of public speaking necessary to be a successful professional educator. May be required as a condition of field placement or continuation in the program. Offered every semester.

Prerequisites: EC II placement; permission of instructor; registration by advisement only.

**ED3330 Children's Literature 4 cr.**

An introduction to the study of literature for children in the pre-school and elementary grades. The course includes, selection and evaluation of books for children; language development through children's literature; use of literature to promote the social, emotional and creative development of children; integrating children's literature into the content areas; planning story activities. Opportunities to work with children ages 3-7 where feasible. Offered most semesters.

Prerequisite: EC I placement.

Recommended: ED3700 Child Development as prerequisite or co-requisite.

**ED3600 Puerto Rican and Other Hispanic Children in U.S. Schools 4 cr.**

Designed for prospective teachers who will have Hispanic children in their classroom. The course will cover an analysis of Hispanic migrations and an analysis of the Hispanic child's experience in the United States and American schools. It will focus on the classroom implementation of Hispanic history and culture to make curriculum more relevant. Required of Bilingual Education majors. Offered each fall.

Prerequisite: EC II placement.

**ED3650 Foundations of Bilingual/Multicultural Education 4 cr.**

This course will be required of all students in the Education Program who intend to major in Bilingual Education. It will be the first course in the area of concentration and will serve as an orientation to Bilingual Education. Among the topics to be considered are: historical and philosophical foundations of Bilingual Education, the socio-psychological and linguistic aspects of bilingualism; and the political, legislative and legal ramifications of Bilingual Education. Students will be introduced to the areas of evaluation, methodology and linguistics as they relate to Bilingual Education. Offered each spring.

Prerequisite: EC II placement.

**ED3700 Child Development and Practicum for Teachers 4 cr.**

Provides students with background information concerning the intellectual, physiological, social, emotional, and creative development of children from birth through the elementary school years. Emphasis is given to the contributions of Piaget, Gardner and other developmental theorists. Practical relevance of child development information is stressed throughout this course for students who plan to work with children. Students will participate in a practicum in a field-based classroom to gain experience with children in an educational setting and to reflect upon teaching as a career. Offered each semester.

Prerequisites: EC II placement; Sophomore Standing.

**ED3760 Parent Education 4 cr.**

Designed to stress the importance of positive home/school relationships and ways in which they can be fostered. Students will become familiar with approaches to encouraging parent involvement, offering parent support and education, and conferencing with parents. Emphasis is on building communication links to help parents understand what is meant by developmentally appropriate learning environments. Parent concerns in a multiethnic environment will be stressed.

Prerequisite: EC II placement.

**ED3810 Creative Arts in the Classroom 4 cr.**

This is a workshop course based upon student involvement, exploration, and experience with the creative arts. Student creativity will be enhanced through games, music, creative movement, art, drama and puppetry. Students will be able to plan and integrate the arts into the content areas. The goal is to transfer creative activities, refined in class, to the elementary classroom. Offered once a year.

Prerequisite: EC II placement.

**ED3820 Foundations of Special Education: Areas of Exceptionality 4 cr.**

This course provides an introduction to the field of special education. The course examines the learning and behavioral characteristics of each category of exceptionality as well as the sociocultural issues, problems, and trends affecting educational programming for exceptional children in mainstream and self-contained classrooms. Field visits to special education facilities are required. Required for dual certification students; required for all teacher education majors. Offered every semester.

Prerequisites: ED3700 or ED3900; EC II placement.

**ED3900 Foundations of Education 4 cr.**

Examines the historical, philosophical and pedagogical, foundations of education in the United States as related to political, economic and social conditions. Major figures that have helped shape education are discussed. Supreme court cases that affect current issues are reviewed; major trends in education are discussed and analyzed. Offered every semester.

Prerequisites: EC II placement; Sophomore Standing.

**ED4082 Methods and Materials of Teaching Mathematics and Technology in the Secondary Schools 4 cr.**

An examination of the junior and senior high school curricula and specific methods of teaching mathematics at the secondary level. This course enables the student to relate the competencies demonstrated in ED4081 in the specific area of mathematics. Students are expected to analyze junior and senior high school curricula and demonstrate familiarity with texts, the New York State syllabi and national projects in mathematics. Offered every spring.

Prerequisites: Admission to SOE; ED3900 and ED4742 for 7-12 students.  
Corequisite: ED5901.

**ED4083 Methods and Materials of Teaching Spanish in the Secondary Schools 4 cr.**

Introduction to the elements of a foreign language curriculum. Selecting, organizing and presenting material; designing classroom activities; evaluating student progress; teacher-pupil relationships and classroom observations. Students are expected to demonstrate familiarity with junior and senior high school curricula, texts and the New York State syllabi. Offered every spring.

Prerequisites: Admission to SOE; ED3900 and ED4742 for 7-12 students.  
Corequisite: ED5901.

**ED4085 Methods and Materials of Teaching Science in Secondary Schools 4 cr.**

An examination of the junior and senior high school curricula and specific methods of teaching science at the secondary level. Enables students to develop competencies explored in ED4081 as they relate to the teaching of science. Students are expected to analyze junior and senior high school curricula, demonstrate familiarity with texts, the New York State syllabi and national projects in science education. Offered every spring.

Prerequisites: Admission to SOE; ED3900 and ED4742 for 7-12 students.  
Corequisite: ED5901.

**ED4086 Methods and Materials of Teaching Social Studies in Secondary Schools 4 cr.**

An examination of the junior and senior high school curricula and specific methods of teaching social studies at the secondary level. Students are expected to analyze junior and senior high school curricula and demonstrate familiarity with texts, the New York State syllabi and standards, and national projects in social studies. A special feature of this course will be its focus on technologies and technological sources available for social studies teachers. Offered every fall.

Prerequisites: ECII placement, Sophomore Standing, ED3900, Admission to SOE.  
Corequisite: ED5901.

**ED4120 Methods and Materials of Teaching Mathematics, Science and Technology in the Elementary Classroom 4 cr.**

This course provides curriculum information, hands-on experiences, and planning opportunities consistent with the New York State Learning Standards for Mathematics, Science, and Technology. It is organized around a series of units appropriate for elementary children that integrate mathematics, science, and technology. Students will engage in interdisciplinary and disciplinary activities; experience technology both as a part of contemporary life and as a tool for promoting learning; and plan and microteach integrated mathematics, science, and technology lessons. ED 4120 is offered every spring or summer.

Prerequisites: Admissions to SOE; ED3700; ED4740; proficiency in mathematics; completion of laboratory science; EMS placement.

**ED4120B Methods and Materials of Teaching Mathematics, Science and Technology in the Elementary Classroom (Bilingual-Spanish) 4 cr.**

This course provides curriculum information, hands-on experiences, and planning opportunities consistent with the New York State Learning Standards for Mathematics, Science, and Technology. It is organized around a series of units appropriate for elementary children that integrate mathematics, science, and technology. Students will engage in interdisciplinary and disciplinary activities; experience technology both as a part of contemporary life and as a tool for promoting learning; and plan and micro-teach integrated mathematics, science, and technology lessons. It is taught in both English and Spanish with a focus on the Spanish language vocabulary for mathematics, science and technology. It provides prospective teachers with the methods of teaching content appropriate to the teaching certificate to bilingual English language learners, using the native language and English, for meeting the State Learning Standards for students. ED4120B-Offered every spring or summer.

Prerequisites: Admission to SOE; ED3700 and ED4740; proficiency in mathematics and Spanish; completion of laboratory science; EMS placement.

**ED4131 Using Instructional Technology to Promote Children's Learning 4 cr.**

An introduction to the use of instructional technology to enhance children's learning. Students will participate in hands-on activities using a variety of instructional technologies such as computer software, laser disks, and the Internet. Students will evaluate instructional technology for its effectiveness in helping children reach learning goals and will plan curriculum applications.

Prerequisites: ED3700, ED3900; proficiency in mathematics; ECII placement.

**ED4200 Foundations of Reading I** **4 cr.**

The purpose of this course is to prepare pre-service teachers to teach reading to students in elementary grades within a balanced and integrated language arts perspective. There will be discussions about and demonstrations of methods of organizing reading/writing literacy activities for a multicultural, inclusive classroom setting. Special attention is given to 1) the theoretical reading models, 2) reading and writing developmental stages, 3) the teaching of specific language skills and learning strategies, 4) planning for second language learners and children with learning disabilities 5) implementing the New York State Learning Standards for English Language Arts, and 6) Standards for the Assessment of Reading and Writing (IRA and NCTE). The course will include practical applications of methods and materials used in class. Each participant may be responsible for working with a child or children involved in the reading process. Offered every semester.

Prerequisites: ED3700; EMS placement; proficiency in language arts; computer literacy is recommended.

**ED4220 Teaching Reading II** **4 cr.**

The purpose of this course is to explore techniques and strategies to integrate reading instruction across the content areas. The focus will be on reading to learn. This course will concentrate on the application of theory and methodology in reading instruction. Emphasis will be placed on how reading relates to other language arts, the writing process, reading in the content areas, and study strategies. ED4220 offered every semester; ED4220B offered every fall.

Prerequisites: Admission to SOE; ED3700, ED4200; EMS placement.

**ED4220B Teaching Reading II (Bilingual-Spanish)** **4 cr.**

This course is designed to comply with New York State Teacher Certification in bilingual education in that it prepares prospective teachers to use methods and materials for teaching reading and writing in bilingual education programs- transitional, maintenance and dual language. The course will explore instructional strategies for integrating reading and writing across the content areas and will concentrate on the application of theory, methodology and applications of technology in literacy instruction to meet requirements of the New York State Learning Standards in English Language Arts and Languages Other than English. Attention will be given to the assessment and evaluation of first and second language literacy development. Offered every fall

Prerequisites: Admission to SOE; ED3650; ED3700; ED4200.

**ED4230 Reading Across the Curriculum** **4 cr.**

This course focuses on current approaches to literacy instruction across the curriculum. It is designed for secondary teacher candidates, and addresses specific instructional strategies appropriate for the adolescent population. Emphasis will be placed on theoretical models of reading, instructional strategies, assessment techniques, strategies specific to multicultural and bilingual learners.

Prerequisites: Admission to SOE, ED3900.

**ED 4231 Reading Across the Curriculum Practicum** **2 cr.**

The purpose of this course is to provide the adolescence candidates with an opportunity to observe literacy strategies in various discipline settings. The course goal is to familiarize candidates with differentiation of instruction and methodology for diverse/ multicultural populations. Candidates will also become familiar with the strategic needs of learners with exceptionalities.

Candidates will be asked to keep a journal (field notes) regarding their observations and to construct a **Strategic Literacy Toolbox (SLT)** for use in the educational environment. The SLT will be composed of their field notes and research-based strategic lesson plans.

Prerequisite: ED4230

**ED4300 The Student with Learning Disabilities in the Mainstream** **4 cr.**

Provides students with background information for understanding children who are experiencing learning difficulties in the elementary school. Exploration of the possible causes, assessment techniques and treatment procedures for the learning disabled are discussed; the special problems of dyslexia and the culturally and linguistically diverse student with special education needs are also addressed. Emphasis is on maintaining the student with learning disabilities in a mainstream setting. Two field visits are required. Offered every fall.

Prerequisites: ED3820 or Permission of Instructor; EC II placement.

**ED4660 Issues in Multicultural Education** **4 cr.**

Focuses on the educational needs of children of varying ethnic, cultural, and/or language backgrounds. An analysis of varied pedagogical practices, current materials, related curricula, and problems of inter-group education are included. Offered every semester. Students taking this course in the summer will be responsible for the additional expenses and extended time involved in taking a number of field trips.

Prerequisites: Admission to SOE; ED3700, ED3900.

**ED4670 Methods and Materials of Teaching English as a Second Language** **4 cr.**

This course examines the dimensions of language, theories and research in first and second language acquisition, and factors involved in the teaching of English as a second language. The focus will be on the principles, methodologies, techniques, and approaches appropriate to teaching school age students content through a second language. Required of Bilingual Education majors. Offered every Spring or Summer.

Prerequisites: ED3700, ED3900; EMS placement.

**ED4740 Interdisciplinary Instructional Strategies****4 cr.**

Provides generic background information for developing an interdisciplinary approach to instruction for children in early childhood, elementary, and middle school classes. Emphasis is given to the preparation of interdisciplinary, thematic units of instruction and the processes involved in designing disciplinary and inter-disciplinary lessons and activities. As they practice lesson and unit planning techniques, students develop skills needed to address the New York State Learning Standards and prepare educational objectives. The course reviews questioning strategies; uses of the Internet and educational technology in research and planning for teaching; and applications of educational taxonomies and authentic and traditional assessment techniques. Throughout the course, children's developmental levels and abilities are related to the planning processes. Competence in language and research skills needed by teacher education majors is demonstrated in the preparation of a research project. Offered every semester.

Prerequisites: ED3700; EMS placement.

**ED4740B Interdisciplinary Instructional Strategies (Bilingual-Spanish)****4 cr.**

This course is designed to provide methods for teaching content appropriate to the teaching certificate to bilingual English language learners, using the native language and English. It provides generic background information for developing an interdisciplinary approach to instruction for children in early childhood, elementary, and middle school classes. Emphasis is given to the preparation of interdisciplinary, thematic units of instruction and the processes involved in designing disciplinary and interdisciplinary lessons and activities. As they practice lesson and unit planning techniques, students develop skills needed to address the New York State Learning Standards and prepare educational objectives. The course reviews questioning strategies; uses of the Internet and educational technology in research and planning for teaching; application of educational taxonomies; and authentic and traditional assessment techniques. Throughout the course, children's developmental levels and abilities are related to the planning processes. Competence in the English and Spanish languages and research skills needed by teacher education majors is demonstrated in the preparation of a research project in Spanish.

Offered every fall semester.

Prerequisites: ED3700; EMS placement.

**ED4742 Middle Childhood and Adolescence****4 cr.**

Examines human development from six years through adolescence. Research and theories concerning physical, cognitive, personality and social development will be reviewed. Family, peer groups, schools and media will be discussed. The impact of socioeconomic background, culture, race and gender will be discussed throughout. The use of theories and research in applied settings will be discussed. Offered every semester.

Prerequisites: PY2010; PY3210 recommended; EC II placement.

**ED4810 The Student with Emotional Disabilities****4 cr.**

The course consists of a study of children whose primary disability consists of emotional difficulties and challenging behaviors. The theoretical component is organized into three parts: a study of severe and profound emotional disabilities; a study of mild to moderate emotional disorders; and a study of optimum conditions for emotional development. The practical component will consist of an exploration of a variety of intervention approaches and other classroom activities that address the needs of students with emotional disabilities. Offered spring only.

Prerequisites: Admission to SOE; ED3820; EC II placement.

**ED4850 Curriculum and Materials for Teaching the Student with Learning Disabilities****4 cr.**

The methodologies and techniques for teaching children with specific learning disabilities in special education class placements will be addressed. Students will develop skills in task analysis, metacognitive strategies, informal assessment procedures, and design of interdisciplinary thematic/modules of instruction for the content areas in order to meet the educational needs of pupils from diverse cultural and/or linguistic backgrounds. Students will develop teacher-made materials for assessing and instructing pupils. Offered spring only.

Prerequisites: Admission to SOE; ED4300 or permission of the instructor; EC II placement.

**ED4890 The Student with Cognitive Disabilities: Overview, Theories and Practices****4 cr.**

Modules of instruction are designed to address: identification of the mentally retarded and the historical basis for current assessment practices; issues relating to the education and treatment of people with MR; learning and behavioral characteristics of the mentally retarded and methods to enable them to reach their potential. Students will develop adaptive materials to meet the educational and affective needs of monolingual and ESL pupils with mental retardation. Research paper and a practicum in settings for the developmentally delayed required. Offered fall only.

Prerequisites: Admission to SOE; ED3820; EC II placement.

**ED5900 Student Teaching in Secondary School and Seminar (Grades 9-12)****12 cr.**

This is the capstone student teaching experience for candidates seeking certification in adolescence education in biology, chemistry, mathematics, social studies and Spanish. This course provides an opportunity for candidates to apply knowledge and skills developed in coursework under the guidance of a university supervisor and cooperating teacher. This course is a full-time commitment, with half the semester spent at grades 9-10 and half at grades 11-12. Students participate in a weekly seminar.

Prerequisites: Admission to the SOE, formal application required, ED4082, ED4083, ED4085 or ED4086.

**ED5901 Pre-Student Teaching Observation and Seminar 2 cr.**

This course provides an opportunity for middle childhood and adolescence education majors to experience the school environment prior to student teaching. Candidates spend 100 hours in schools for the purpose of observation of instruction and other school activities, interaction with children and teachers, and reflection. This course is taken in conjunction with a Methods in Teaching course, and is conducted under the supervision of a university supervisor. Students participate in a weekly seminar.

Prerequisites: Admission to the SOE, formal application required.  
Corequisite: ED4082, ED4083, ED4085 or ED4086.

**ED5910 Student Teaching in Middle School and Seminar, Grades (5-9) 12 cr.**

This is the capstone student teaching experience for candidates seeking certification in middle childhood education in biology, chemistry, mathematics, and Spanish. This course provides an opportunity for candidates to apply knowledge and skills developed in coursework under the guidance of a university supervisor and cooperating teacher. This course is a full-time commitment, with half the semester spent at grades 5-6 and half at grades 7-9. Students participate in a weekly seminar.

Prerequisites: Admission to the SOE, formal application required, ED4082, ED4083, ED4085 or ED4086.

**ED5930 Observation and Seminar 4 cr.**

Observation and Seminar is the first of two field experiences required of Teacher Education majors in their senior year. The course provides opportunities for students to observe in a classroom and reflect upon the knowledge, skills and dispositions needed to become effective teachers. Students are assigned to area for 100 hours. Students are also required to participate in weekly seminar sessions with the College's Field Supervisor. Offered every semester.

Prerequisites: Admission to SOE; ED3700, ED3900, ED4200; senior standing; approval of SOE faculty adviser.  
Corequisite: ED4120 or ED4220 or ED4740.

**ED5940 Student Teaching II and Seminar 12 cr.**

**ED5940B Bilingual (Spanish)**

Student Teaching II and Senior Seminar is the final student teaching field experience required of Teacher Education majors. The course provides opportunity to refine and reflect upon the knowledge, skills, and attitudes needed to become effective elementary school teachers. Students are assigned to area schools and are required to student teach 5 days a week for 15 weeks in the alternate grade level (K-3 or 4-6) from ED5930. Students are also required to participate in weekly seminar sessions with the College's Field Supervisor. Offered every semester.

Prerequisites: Successful completion of ED5930; approval of SOE faculty adviser and Director of Field Experience.

**ED5960 Student Teaching II in Elementary Education and Special Education and Seminar 6 cr.**

**ED5960B Bilingual (Spanish)**

This is the first half of the final student teaching experience for students seeking dual certification as elementary and special education teachers. The course provides opportunities for students to refine and reflect upon the knowledge, skills, and attitudes needed to become effective elementary school teachers. Students are assigned to selected area schools and required to student teach 5 days a week for 8 weeks in the alternate grade level from ED5930 (K-3 or 4-6). Students are also required to participate in weekly seminar sessions with the College's Field Supervisor. To be followed by ED5980.

Prerequisites: Admission to SOE; senior standing; completion of all required education, special education, concentration, and liberal arts courses; approval of SOE Special Education adviser (or Bilingual).  
Corequisite: ED5980 or ED5980B.

**ED5980 Student Teaching II in Special Education and Seminar 6 cr.**

**ED5980B Bilingual (Spanish)**

This is the second half of the final student teaching experience to complete dual certification requirements as elementary and special education teachers. The experience entails continuous observation and supervised teaching with students in special education settings. Students will be placed in selected private and public schools and are required to student teach 5 days a week for 8 weeks in a special education class. Students are also required to participate in weekly seminar sessions with the College's Field Supervisor.

Prerequisites: Admission to SOE; senior standing; completion of all required education, special education, concentration, and liberal arts courses; approval of SOE Special Education adviser (or Bilingual); completion of ED5960 or Ed5960B.  
Corequisite: ED5960 or 5960B or 5960E.

# ENGLISH COURSES

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## Reading, Writing and Speech Courses

### EL0210 Basic English

0 cr. /4 eq cr.

A lecture/discussion/workshop that develops students' basic writing skills through exercises in sentence construction and small-scale papers. Emphasis is on language appreciation and language use, employing various forms of writing to express ideas. Listening and speaking skills also are developed. The student who successfully completes this course usually enrolls in EL1000. Offered every semester.

Prerequisite: BE II placement.

Corequisite: EL0210 Lab.

### EL1000 English Composition I: Exposition

4 cr.

Designed to develop and refine students' ability to read, write and think critically. Selected essays will be read and studied as models of rhetorical style, enabling students to detect for themselves the effective use of language and to develop an appreciation for masterpieces of non-fiction prose. Students will learn to develop the extended essay with particular attention to discovery and organization. Oral communication skills will be sharpened by directed discussion and by presentation and criticism of class papers. Offered every semester.

Prerequisite: EC I placement.

### EL2001 Public Speaking

4 cr.

Designed to give the student the poise and confidence necessary to think and speak freely before an audience. This course proceeds from audience analysis through motivation, supporting materials, organization, and delivery. Offered every semester.

### EL2022 Voice and Diction

4 cr.

This course seeks to establish good habits of speech by study of principles and analysis of the individuals' voice, articulation, and pronunciation. Students will study the psychological and social bases of speech and phonetics and they will practice skills necessary for the development of voice pronunciation and diction. Offered every semester.

Prerequisite: BE II placement.

### EL2200 English Composition II: Argumentation/Literary Perspectives

4 cr.

This multiple-option course has three purposes. It extends English Composition I's training in writing college-level expository essays; introduces students to thinking and writing analytically about literature; and offers training in research techniques and scholarly documentation. Close textual analysis of assigned readings and student-centered discussions of peer and professional writings will help refine reading, listening and speaking abilities. Organized thematically, each of the EL2200 courses listed below focuses on a different literary topic or genre, but all stress the same set of skills.

Prerequisite: EC II placement.

### EL2203 Shakespeare: Three Plays

4 cr.

This course examines Shakespearean themes which have intense relevance to today's divided society: sexism, racism, anti-Semitism, colonialism, and gender fluidity. Texts will include such plays as Othello, The Winter's Tale, The Merchant of Venice, Twelfth Night, The Tempest, as well as some of the sonnets. Students are required to write a reading journal, analytical essays, and a research paper. Most writing is done outside of class. Offered periodically.

Prerequisite: EC II placement.

### EL2205 Psychological Themes in Literature

4 cr.

This section will explore a variety of psychological themes such as development and aging, family dynamics, addictions, neurosis and psychosis in literary works by a selection of writers from different cultures. Themes will also be considered from the perspective of relevant psychological literature. Interpretive essays and a research paper are required. Offered periodically.

Prerequisite: EC II placement.

### EL2206 Science Fiction Literature

4 cr.

Uses a variety of readings to explore potential future societies as postulated by such authors as Orwell, Huxley and Asimov. Students improve their ability to read and think critically and to write summaries, critical analyses and a research paper based on their readings. Reading selections are discussed at length and are compared to one another in terms of style, content and theme. Offered periodically.

Prerequisite: EC II placement.

### EL2207 Contemporary American Novels

4 cr.

Readings in Vonnegut, Updike, Bellow, McCarthy, Marshall, and Doctorow will expose students to the contemporary American novel. Analysis of the novel as a literary form will acquaint students with form and structure. Biographical and historical factors examined as influences on content and form. Interpretive essays and a research paper are required. Offered periodically.

Prerequisite: EC II placement.

- EL2208 Modern American Poetry** **4 cr.**  
 This lecture/discussion course will focus on trends and themes in modern American poetry in the context of the search for an American poetic voice. Poets range from Whitman to Walker and include Frost, Harper, Hughes, Komunyakaa, Sarton, Sexton, Wilbur, Wright, and others. Formal analysis and biographical factors will be studied. Students will also become involved in “found poetry” and practice poetic forms. Interpretive essays and a research paper are required. Offered periodically.  
Prerequisite: EC II placement.
- EL2211 Africana Perspectives** **4 cr.**  
 Explores recurring themes and modes of expression in the Pan-African world, ranging from the role of the oral tradition in traditional African societies to African-American rebellion as expressed in contemporary drama. Offered periodically.  
Prerequisite: EC II placement.
- EL2213 The English Romantic Poets** **4 cr.**  
 Selections from Blake, Burns, Wordsworth and Coleridge, as well as some other lesser-known writers will be examined and explored from social and formal perspectives. Excerpts from critics of the era and the writings of the anti-Romantic critics will be reviewed. Interpretive/analytical essays and a research paper are required. Offered periodically.  
Prerequisite: EC II placement.
- EL2214 Literature and Liberation** **4 cr.**  
 Examines fiction, poetry, essays, and drama about class-economic struggle, war, and racial and sexual oppression. Through these kinds of literature, oppressed people have voiced their ideas on ethics, politics, and society, and other social groups have responded positively or negatively. We will relate works to their historical time periods, but no specialized historical knowledge is needed. The course stresses close reading of literature, interpreting themes, understanding literary techniques, and training in quotation, citation, and research methods. Two or three short interpretations and a research paper are required. Offered every year.  
Prerequisite: EC II placement.
- EL2215 Caribbean Literature** **4 cr.**  
 Students will study novels that describe young people growing up in different areas of the Caribbean. The course will explore issues particular to the Caribbean and will raise questions about the relationship of the self to social identity and responsibility. Interpretive essays and a research paper are required. Offered periodically.  
Prerequisite: EC II placement.
- EL2216 Multicultural Perspectives** **4 cr.**  
 Works from writers of various cultures enable students to develop an understanding and appreciation of cultural diversity. Interpretive essays and a research paper are required. Offered every year.  
Prerequisite: EC II placement.
- EL2218 The Short Story** **4 cr.**  
 A variety of short stories will be studied for theme and structure and other elements of fiction. Emphasis on the development of the short story in the context of literary movements, such as realism, naturalism, impressionism. Interpretive essays and a research paper are required. Offered periodically.  
Prerequisite: EC II placement.
- EL2219 International Short Stories** **4 cr.**  
 Students will read a variety of short stories by authors from around the world, including Russia, Kenya, Brazil, India, and Japan. Emphasis on character and culture, as shaped by social factors. Interpretive essays and a research paper are required. Offered every year.  
Prerequisite: EC II placement.
- EL2221 Adolescent Literature** **4 cr.**  
 Traces the patterns and problems of growing up in America and forming an identity in the context of family influence and social pressures. Authors include Twain, Salinger, McCullers, Baldwin, Marshall, Potok, Walker. Interpretive essays and a research paper are required. Offered every semester.  
Prerequisite: EC II placement.
- EL2222 Women’s Voices** **4 cr.**  
 This lecture/discussion course focuses on developing students’ abilities to understand, analyze, and write about literature by women writers. Texts studied include essays, poems, stories, and novels by Emily Bronte, Emily Dickinson, Virginia Woolf, Flannery O’Connor, Gwendolyn Brooks, Toni Morrison, Alice Walker, June Jordan, and Maxine Hong Kingston. Students are required to write a reading journal, analytical essays, and a research paper. Most writing is done outside of class. Offered every semester.  
Prerequisite: EC II placement.
- EL2224 Autobiography** **4 cr.**  
 This course deals with autobiography as a form of personal expression. It explores a major compulsion among writers to look back on their growth and examines the need to communicate the historic vision to the next generation. The interaction between the inner and the outer world, between the quest for personal freedom and the demands for social conformity provides for a vigorous examination

of the process of individual growth. Offered each year.

Prerequisite: EC II placement.

### **EL2225 The Outsider in Literature**

**4 cr.**

This lecture/discussion course examines literary texts concerning the situation of the outsider—the individual under different forms of isolation from society—in exile, loneliness, marginality, estrangement. Texts include background essays, poems, novels, stories. Authors may include Baldwin, Camus, Chopin, DeLillo, Ibsen, Lawrence, Rhys, Sexton, Wright, and others. Essays, journals, and a research paper required. Offered periodically.

Prerequisite: EC II placement.

### **EL2229 Men and Women Together**

**4 cr.**

Historically, poems, short stories, novels and plays have frequently focused on the tangled relationships of men and women. Currently, men and women around the world are re-examining their roles and relationships. Young people, especially, are struggling to discover how they want to relate to, live with and love each other. Students in the course will read and write in an attempt to better understand various solutions to these age-old problems. Offered periodically.

Prerequisite: EC II placement.

### **EL2231 Mythology & Folklore: A Cross-Cultural View**

**4 cr.**

This course examines some of the archetypal myths found in various cultures and traces the content and function of folklore and mythology and their incorporation into formal works of literature. Reference to similarities, origins, significances. Critical essays and a research paper required. Offered periodically.

Prerequisite: EC II placement.

### **EL2232 Shakespearian Comedy**

**4 cr.**

This course examines the shifting perspective of Shakespeare's comic vision. The early treatment of farce, interspersed with occasional romantic touches, gives way to the sunny world of the romantic comedies where love is the subject of both joy and laughter, and later to more sober overtones when laughter becomes tinged with bitterness. Interpretive essays and a research paper required. Offered periodically.

Prerequisite: EC II placement.

### **EL2233 Environmental Literature**

**4 cr.**

This lecture/discussion course focuses on developing students' abilities to understand, analyze, and write about the literature of natural scientists and other acclaimed authors. Included are works by Lewis Thomas, Henry David Thoreau, Carl Sagan, Paul Theroux, Isaac Asimov, and Rachel Carson. Interpretive essays and a term paper are required. Offered periodically.

Prerequisite: EC II placement.

### **EL2236 The Anti-War Novel**

**4 cr.**

This lecture/discussion course surveys novels, plays, poems, and essays that portray the horror and futility of war. Authors range from Crane to Hersey and cover the period from the Civil War through the war in Vietnam. Essays and a research paper are required. Offered periodically.

Prerequisite: EC II placement.

### **EL2239 Horror Literature**

**4 cr.**

This course will explore common characteristics in the literature of horror and the supernatural. Works of Hawthorne, Poe, and Shelley will be in focus, as will some modern Gothic writers. Film and its comparison to the literature will be explored. Interpretive essays and a research paper are required. Offered every year.

Prerequisite: EC II placement.

### **EL2241 Literature of the Holocaust**

**4 cr.**

Historical and contemporary literature examining the holocaust raises questions regarding the nature of anti-Semitism, culture and behavior, resistance and identity, the will to survive, the language and conditions of oppression. Readings include The Diary of Anne Frank, Promises to Keep, and Schindler's List. Interpretive essays and a research paper are required. Offered periodically.

Prerequisite: EC II placement.

### **EL2245 Literature of Peace**

**4 cr.**

The quest for peace has served as a literary theme for writers from all cultures. This course examines the advocacy and obstacles to peace, conflict resolution, and the peace process in works ranging from Greek tragedy to the writings of Dr. Martin Luther King. Interpretive essays and research paper are required. Offered periodically.

Prerequisite: EC II placement.

### **EL2248 The Lyric: The Poetry of Emotion**

**4 cr.**

Known as the poetry of emotion, the lyric has been an important vehicle of expression for poets from ancient to present day cultures. The course explores lyrics from a cross-cultural perspective, focusing on the methods poets have employed in order to convey the private, emotional lives of their speakers to the "public," their audience of readers. Poets include Sappho, Shakespeare, Keats, Cullen, Brooks, and Gunn Allen. In addition to studying the lyric, students will read and evaluate critical articles as well as compose reading

journals and documented essays in response to the texts. Offered every year.

Prerequisite: EC II placement.

**EL2800 Practical Grammar and Usage 4 cr.**

This course provides a bridge between the English Composition II courses that fulfill the Basic Education domain of the General Education Program and the more demanding courses in Grammar and Composition at the 3000 level. The course will build students' writing skills by focusing on the grammatical rules and conventions demanded in formal written English. The study of grammar will be reinforced by exercises and writing assignments designed to give students the accuracy and confidence they need to write clearly and analytically. Offered periodically.

Prerequisite: EMS.

## ESOL Courses

ESOL II and III classes meet four days a week and are complemented by work in peer study groups, in oral workshops, and in Language House Writing Center. Full-time programs are coordinated with additional courses in mathematics and/or liberal arts. ESOL IV meets two days a week; full-time ESOL IV students may complete their schedules with any courses permitted for students at the EC I placement level.

**EL1191 ESOL II 4 cr.**

Combines practice in listening and speaking with a developing concentration on reading and writing skills. Grammar units include work on perfect and progressive verb forms, modal verbs, comparatives, adverbs and sequence of tenses. Class time is equally divided between the acquisition of skills in reading (word-attack skills and vocabulary expansion, recognition of details and main ideas) and writing (narrative and descriptive paragraphs). Offered every semester.

Prerequisite: ESOL II placement.

**EL1192 ESOL Oral Workshop II 2 cr.**

Designed to reinforce the grammatical structures acquired in the ESOL courses through the functional use of language. Advanced pronunciation exercises, speeches, group discussions, dialogues and improvisations make up the class activities. Offered every semester.

Prerequisite: ESOL II placement.

**EL1193 ESOL III 4 cr.**

Designed to refine English language skills the non-native speaker has already acquired. Basic grammatical forms are not directly taught but are reviewed in the context of specific writing activities. Emphasis is on the construction and revision of paragraphs and short compositions. Reading skills are strengthened through vocabulary expansion and exercises in comprehension, summarizing and outlining. This class is followed by ESOL IV. Offered every semester.

Prerequisite: EL1191 or ESOL III placement.

**EL1194 ESOL Oral Workshop III 2 cr.**

This course in advanced spoken English prepares non-native English speakers possessing basic fluency to use their oral skills in a more productive and sophisticated manner. Particular attention is paid to the precise language needed for academic purposes and other formal discourse. Also focuses on individual problems of pronunciation and diction. Offered periodically.

Prerequisite: ESOL III placement or adviser recommendation.

**EL1195 The Language of the Short Story 4 cr.**

Using a whole language approach to language learning, this course concentrates on short stories about American life and culture. Stories serve as the basis for class discussion and help students improve their language skills. Readings, short papers, group discussions, and oral reports. Offered every semester.

Prerequisite: ESOL II placement.

**EL1196 Readings for ESOL Students 4 cr.**

Readings with focus on key issues of concern to ESOL students help students improve language skills. Topics include language-learning and language-loyalties, identity and acculturation, immigration and memory, transnationalism. Papers, group discussions, and oral reports. Offered every semester.

Prerequisite: ESOL III placement.

**EL2210 ESOL IV English Composition for ESOL Students 4 cr.**

Selected essays and fiction are studied not only to refine critical reading skills but also as examples of various rhetorical styles. Students learn to write effective expository and persuasive essays with emphasis on unity, coherence and development of a clear thesis. Followed by English Composition I. Offered every semester.

Prerequisite: Successful completion of ESOL III or placement by an ESOL instructor.

## Courses for the Language and Literature Major and Electives

**EL2310 Introduction to Literature** 4 cr.  
This course is aimed at developing students' personal responses to literature. The focus will be on specific literary genres such as poetry, drama, novel, short story, and non-fiction prose. The readings will cover a variety of periods and cultures. Offered every semester.

Prerequisite: EC II placement.

**EL2421 Introduction to Language** 4 cr.  
Language plays a role in nearly every human activity and experience. This course will provide an introduction to the ways in which psychology, educational theory, sociology, biology, and linguistics contribute to the understanding of the uniquely human features of language, as well as to what we share with other phonics, language acquisition, animal communication, and nonverbal sign systems. Issues of gendered language, bilingualism, and dialects will also be discussed. Offered periodically.

Prerequisite: EC II placement.

**EL3010 Structure and Grammar of English** 4 cr.  
This course places formal English grammar in the context of the structure and development of the language. Devoting significant attention to the evolution of English and its overall structure, the course also offers intensive study of standard grammar, aimed at both Literature and Teaching students. Students study parts of speech, parts of the sentence, verb and pronoun forms and agreement, and the uses of phrases and clauses within sentences, and they learn to identify these in their writing and the writings of others. Offered every Fall.

Prerequisite: EMS.

**EL3100 Oral Interpretation and the Oral Tradition** 4 cr.  
Linking the rise of rap to the oral tradition out of which formal literature arises, this course looks at oral literature from a variety of cultures and engages students in techniques of oral interpretation, paying special attention to the cultural contexts of language, voice, and gesture. Offered periodically.

Prerequisite: EMS.

**EL3200 Peer Mentoring Tutorial** 4 cr.  
Students enrolled in Peer Mentoring Tutorial will work under the supervision of a faculty mentor and will, in turn, serve as mentor to selected students. Following an orientation seminar, student mentors will regularly attend an assigned class, assist students in and outside the class with papers, homework, course material, as well as serving as peer advisor. Student mentors will keep records of meetings with mentees, submitting written reports at regular intervals on each mentee. Mandatory attendance at scheduled Peer Mentoring Tutorial. Term report required. Offered every semester.

Prerequisites: B average, recommendation of faculty.

**EL3500 Literature Across Cultures I: Analysis** 4 cr.  
This course explores representative works of U.S. and international literature that find their roots in the world's multiplicity of cultures. The course emphasizes multiple strands and traditions both within world literary culture and within the literary cultures of the United States and other nations. Readings and discussions focus on the dominant themes in fiction, poetry, drama, and essays by writers of distinct national and ethnic identities, genders, and sexual orientations. The course also includes studies of writings about multicultural contributions to literature. Offered every Fall.

Prerequisite: EMS.

**EL3510 Literature Across Cultures II: Theory** 4 cr.  
This course encourages diverse responses to important works of British-U.S. and World Literature. It fosters the skills of close reading and develops the confidence necessary for independent interpretation of literary texts. While studying each text, students read critical articles about them reflecting the approaches of "new criticism," biographical and psychoanalytic criticism, new historicism, feminism, queer theory, and other current methodologies. Small group discussions of study questions, oral reports, and writing assignments encourage students to read the texts specifically and respond to them independently. Offered every Spring.

Prerequisite: EMS.

**EL3560 Literatures of Europe, Part I: Old Testament and Homer to the Renaissance** 4 cr.  
(See course description for EL3561.)

**EL3561 Literatures of Europe, Part II: Age of Enlightenment to the Twentieth Century** 4 cr.  
A broad survey of the literary tradition of Europe and its diaspora. Selections will vary by semester, but recently the courses included works by Homer, Sophocles, Dante, Moliere, Montaigne, Tolstoy, Ibsen, Kafka, and Camus. It is recommended that students take these two courses sequentially. Offered annually.

Prerequisite: EMS.

**EL3600 U.S. Literature I: Colonial Period to Civil War** 4 cr.  
Poetry, fiction, essay, and memoir from the colonial period to the U.S. Civil War. Examines significant works representative of Puritanism, the Enlightenment, Romanticism, the "American Renaissance," Transcendentalism, the voices of Native Americans and women, and the literature of Abolitionism as examples of a developing literary nationalism and as expressions of a multicultural society's development

and struggles. Authors may include William Bradford, Anne Bradstreet, Benjamin Franklin, Phillis Wheatley, James Fenimore Cooper, Richard Allen, Edgar Allen Poe, Nathaniel Hawthorne, Herman Melville, Ralph Waldo Emerson, Frances E.W. Harper, Frederick Douglass, John G. Whittier, Walt Whitman, William Wells Brown, and others. Offered every year.

Prerequisite: EMS.

**EL3610 U.S. Literature II: Civil War to the Present**

**4 cr.**

Poetry, fiction, drama, essay, and memoir from the U.S. Civil War to the present. Examines significant works representing realism, naturalism, modernism, and postmodernism in literary technique and responding to the evolution and tensions of a multicultural society, including the labor, immigration, civil rights, feminist, and lesbian-gay experiences. Authors may include Mark Twain, Emily Dickinson, Henry James, Charles Chesnutt, W.E.B. Du Bois, Sui Sin Far, Willa Cather, Edith Wharton, Langston Hughes, Zora Neale Hurston, Ernest Hemingway, William Faulkner, Richard Wright, Tennessee Williams, Ralph Ellison, Gary Soto, August Wilson, Oscar Hijuelos, Louise Erdrich, Toni Morrison, Audre Lorde, Thom Gunn, and others. Offered every year.

Prerequisite: EMS.

**EL3800 English Literature I**

**4 cr.**

A survey course examining the works of major English writers from the Anglo-Saxon period through the 18th century, including the Beowulf poet, Chaucer, Shakespeare, Milton, and Swift. Attention paid to their influence on later writers. Offered every Fall.

Prerequisite: EMS.

**EL3810 English Literature II**

**4 cr.**

A survey course studying major English writers of the 19th and 20th centuries from the romantic and Victorian periods to contemporary times. Among the writers examined will be Wordsworth, Keats, G. Eliot, R. Browning, Joyce, Shaw, and Yeats. Attention paid to their influence on later writers. Offered every Spring.

Prerequisite: EMS.

**EL3811 Survey of African-American Literature**

**4 cr.**

African-American Literature from its 18th century beginnings through the struggle against slavery (1800-1860), the periods of the Civil War (1861-1865), and of Reconstruction and Reaction (1865-1915). Offered periodically.

Prerequisite: EMS.

**EL3865 Literatures of Asia and the Middle East**

**4 cr.**

This course focuses on the reading and discussion of a number of literary masterpieces, both traditional and contemporary, drawn from the cultures of China, Japan, India, and the Near Middle East. The range of works presented will provide foundation for considering the influence of history and religion on literature, as well as the ways in which literature shapes culture. Offered annually.

Prerequisite: EMS.

**EL3870 Literatures of Africa**

**4 cr.**

Presents a series of masterworks from the literature of Africa and its diaspora against the background of traditional culture, social values, and historical experience. The techniques used by African wordsmiths to evoke their society are examined, beginning with traditional epic oral literature and finishing with the sophisticated works of some of the world's finest writers. Works by Soyinka, Fugard, Césaire, Achebe, Senghor and others. Offered annually.

Prerequisite: EMS.

**EL3875 Chinese Literature**

**4 cr.**

A broad survey course in translation of some of the best known works of Chinese literature from classical times to the present, including the Cultural Revolution. Students will read poetry, drama and excerpts from novels, including Dream of the Red Mansion and Journey to the West. Films will be used to provide historical and cultural context. Offered periodically.

Prerequisite: EMS.

**EL3880 Masterpieces of Hispanic Literature**

**4 cr.**

Selections of outstanding literary works of Spain and Latin America from the picaresque novel to the present. Study includes major writers: Cervantes, Lorca, Unamuno, Marquez, and others. Given in English. Offered periodically.

Prerequisite: EMS.

**EL3901 Introduction to Creative Writing**

**4 cr.**

Workshop to help imaginative students get their thoughts on paper. Assignments are short and personal, designed to break through "writing block" and uncover talent that might otherwise be neglected. Offered each semester.

Prerequisite: EMS.

**EL3903 Writing for Stage and Screen**

**4 cr.**

In this workshop-style class, students will explore various forms of scriptwriting. Projects will include stage plays, film scripts, and teleplays. Scripts will be read aloud and critiqued in class; students will participate not only as writers but also as readers and critics. The semester will culminate in an on-campus reading of student-written work. May be taken twice for credit. Offered periodically.

Prerequisite: EMS.

- EL4000 Native American Literature** **4 cr.**  
 This course explores Native American literary styles such as autobiography and as-told-to narrative from oral traditions as well as contemporary genres: poetry, short fiction, the novel and drama. Special emphasis on structural and thematic elements provides students with an understanding of the Native American world view. Offered every Fall.  
 Prerequisite: EMS.
- EL4010 The Harlem Renaissance** **4 cr.**  
 Known alternately as “The New York Renaissance” or “The New Negro Movement,” the Harlem Renaissance of the 1920’s decade produced an unprecedented outpouring of works in the literary, visual, and musical arts. From lectures, close textual analysis of assigned readings, student-centered discussions, and oral reports, the class will become familiar with major themes and key writings of Harlem Renaissance authors. Attention will be paid to the struggles of the “New Negro Woman” in her attempt to find a voice during the period. Offered every year.  
 Prerequisite: EMS.
- EL4020 Asian American Literature** **4 cr.**  
 This course examines memoirs, stories, novels, essays, poems, dramas, and films from the 1890s to the 1990s, by Americans of diverse Asian descent, such as Sui Sin Far, Young-hill Kang, Carlos Bulosan, Maxine Hong Kingston, John Okada, Hisaye Yamamoto, Amy Tan, Chang-Rae Lee, and Bharati Mukherjee. Attention will be paid to the historic, biographical, and cultural contexts of each text as well as the aesthetic and literary aspects of its style, language, and structure. Offered periodically.  
 Prerequisite: EMS.
- EL4030 Women and Narrative** **4 cr.**  
 This course examines novels, stories, letters, journals, poems, essays, and autobiographies by such women as Dorothy Wordsworth, Emily Dickinson, Charlotte Forten, Virginia Woolf, Nella Larsen, Alice Walker, Gloria Anzaldúa, and Maxine Hong Kingston. Each student will select the work of one writer for a research paper. Offered periodically.  
 Prerequisite: EMS.
- EL4040 Women Writers of the Harlem Renaissance** **4 cr.**  
 In the context of the emerging new woman, this study of women’s contribution to the Harlem Renaissance will explore the writings of Jessie Fauset, Zora Neale Hurston, Nella Larsen, and newly discovered women of the period. Special attention will be paid to the artistic and social/political obstacles women waged to find their own voices during the Harlem Renaissance and to the creation of the “New Negro Woman.” Offered periodically.  
 Prerequisite: EMS.
- EL4050 Lesbian and Gay Literature** **4 cr.**  
 This course explores lesbian and gay writers’ use of varying literary practices and genres--such as comedy of manners, crosswriting, biomythography, historical fiction, the novel, and poetry--to express characteristic themes: the closet and its codes, coming out, “camp,” shame/pride, reclaiming the past, gender identity, bisexuality, transgenderism, and AIDS. Writers include Oscar Wilde, James Baldwin, Audre Lorde, Adrienne Rich, Leslie Feinberg, Allen Barnett, Isabel Miller, Walt Whitman, Essex Hemphill, and Pat Parker. Offered periodically.  
 Prerequisite: EMS.
- EL4060 Literature of Class and Class Consciousness** **4 cr.**  
 Class represents a largely unacknowledged “culture” coexisting and interacting with others such as ethnic cultures, women’s experience, and lesbian/gay culture. This course looks at fiction, poetry, and drama about class and class conflict, primarily by writers from working-class backgrounds. Examining class and class consciousness, and the interaction of class and race in the U.S., we will explore how literature has been a medium for members of oppressed groups to voice their experiences, world views, and demands, and also for members of more privileged groups to respond to social change. Offered periodically.  
 Prerequisite: EMS.
- EL4070 Topics in African American Literature** **4 cr.**  
 This course will give an in-depth look at a particular period or genre of African American literature. Topics are offered on a rotating basis. They may include African American Literature 1860-1920; African American Women Writers since the Harlem Renaissance; the “Social Realist” School (for example, Wright, Petry, Killens, Himes); the Black Arts Movement; and others. Offered periodically.  
 Prerequisite: EMS.
- EL4080 Extraordinary Bodies: Disability in Literature** **4 cr.**  
 This course will examine how the depiction of bodily difference in literature leads to crucial questions about normative experience, language, and identity. The course will study the representation of extraordinary bodies in several literary genres autobiography, poetry, fiction, and drama. While some attention will be given to constructions of disability throughout literary history, the particular focus will be on more recent texts written by writers with disabilities who take up the project of identifying themselves outside of “abled” terms. Offered periodically.  
 Prerequisite: EMS.

- EL4090 The Afro-American Novel** 4 cr.  
The exploration of the socio-cultural forces shaping the African-American novel from its earliest antecedents through Wright and Baldwin to its contemporary efflorescence in the works of Toni Morrison and Charles Johnson. Some cross-cultural comparison with African and Caribbean novelists will be made. Titles may vary from semester to semester. Offered periodically.  
Prerequisite: EMS.
- EL4091 Afro-American Poetry and Plays** 4 cr.  
Beginning with the work of Phillis Wheatley in the 18th century, this course explores the dominant motifs in African-American poetry, with special focus on the work of Langston Hughes and Gwendolyn Brooks. The second half of the course is devoted to a survey of African-American drama during the Harlem Renaissance, and culminates in an in-depth analysis of the work of Amiri Baraka, Charles Fuller and August Wilson. Offered periodically.  
Prerequisite: EMS.
- EL4100 English Internship** 4 cr.  
Designed to provide majors with grounding in their careers, Language and Literature Internships are available in a number of specializations, where students work with successful mentors at work sites: Legal Internships in courts and law firms, Publishing Internships in publishing houses, and Cultural Internships in Cultural Institutions. Offered every semester.  
Prerequisites: EMS, and approval of Chair.
- EL4110 Opening the Text: Documenting Literary Landmarks** 4 cr.  
This field experience “opens the text” and exposes students to sites and real world referents for literary texts. By examining and documenting aspects of literary contents, students learn to “demystify” books and gain experiential understanding of the writers’ world and see how that world becomes transformed into literature. Offered periodically.  
Prerequisite: EMS.
- EL4120 Internship in Peer Tutoring in Language Arts** 4 cr.  
The internship in peer tutoring deals with the methodology and content of peer tutoring in language arts. Units include communication skills for language arts tutoring, the tutoring cycle, record-keeping, referrals, evaluating writing, the use of computers in tutoring, small group tutoring, long-range and short range goals, resources for language arts tutoring. As part of the internship, students must spend six hours weekly in Language House Writing Center. Offered every semester.  
Prerequisite: EMS.
- EL4130 Language and Communications Skills for Educators: Issues and Applications** 4 cr.  
This course deals with contemporary issues of importance to those contemplating a profession in the field of education. It places special emphasis on improvement of reading, writing, and listening skills, making use of timely professional journal articles as a text. Topics include Writing Across the Curriculum, Standards and Assessment, Classroom Management and Initiation into Professional Life. Reading and discussion of the articles, analysis of grammatical structure, the development of writing skills for the classroom and for achieving success on State exams, and improvement of public speaking to be a successful public educator will be stressed. This course may be required as a condition of field placement in the School of Education. Offered every spring.  
Prerequisite: EMS.
- EL4200 Biblical/Classical Influences on Multicultural Literature** 4 cr.  
The Jewish-Christian Bible, Greek epic and drama, and classics such as Dante’s Divine Comedy have profoundly influenced European-American literature, including U.S. multicultural writers such as Toni Morrison, James Baldwin, and William Faulkner. This course examines how these classics shaped later culture through the glorification and criticism of war, male supremacy, and slavery, through ideas of fate, individual and universal salvation, etc. Readings may include selections from the King James version of the Bible, Homer, Aeschylus and/or Sophocles, Dante, and modern authors who have drawn on these sources. Offered periodically.  
Prerequisite: EMS.
- EL4300 Twentieth-Century Literature: Colonialism and Post Colonialism** 4 cr.  
This course explores selected works of US and British literature in the context of the twentieth-century history of imperialism, colonialism, and post colonialism. We shall read writing from the first half of the century by such authors as W.B. Yeats, Gertrude Stein, Wilfred Owen, Ernest Hemingway, and Sylvia Townsend Warner and its development and critique in works by Zora Neale Hurston, Samuel Beckett, Tim O’Brien, Toni Morrison, Jhumpa Lahiri, and Zadie Smith. Offered every year.  
Prerequisite: EMS.
- EL4311 Greek Drama** 4 cr.  
The art of drama is one of the legacies of Greece to Western culture. In this course, the development of Greek tragedy and comedy is discussed; plays by Aeschylus, Sophocles, Euripides, and Aristophanes are read as well as 20th century dramas based on these 5th century works. Some attention is also given to the criticism of Greek tragedy by Plato and Aristotle. Offered periodically.  
Prerequisite: EMS.
- EL4312 Greek Mythology** 4 cr.  
This course aims to introduce students of widely differing backgrounds and academic preparation to Greek mythology. In addition to Homer’s Odyssey which is read in its entirety, students read Hesiod’s Theogony and other original source materials. The acquisition of knowledge

of the myths paves the way for discussion of the following topics, among others: psychoanalytic and other interpretations of Greek myth, recurrent themes in myth, the relationship between myth and folktale, the transformation of myth by writers and artists, and the role of myth in a scientific and technological society. Offered every semester.

Prerequisite: EMS.

**EL4325 Shakespeare: Selected Plays**

**4 cr.**

Selected plays by Shakespeare will be read and examined critically and analytically through discussion of these works and of the historical context of the Elizabethan theater and world view. The focus will also be on the richness and variety of Shakespearean language and thought. Study includes close reading of some well-known Shakespearean tragedies and comedies as well as viewing of plays on film. Offered once every two years.

Prerequisite: EMS.

**EL4380 The Novel**

**4 cr.**

Discussion of the novel under categories such as the English novel, Continental novel, and the postcolonial novel as represented in selected novels. Genre discussion and background on the novel as literary/artistic creation is included. Offered periodically.

Prerequisite: EMS.

**EL4381 Modern English Literature**

**4 cr.**

This course involves the reading and discussion of selected works of several writers in English such as Conrad, Shaw, Yeats, Joyce, Eliot, Lawrence, Woolf who have greatly influenced the literature and the thought of the twentieth century. Offered periodically.

Prerequisite: EMS.

**EL4400 Critical Theory**

**4 cr.**

Critical theory is perhaps the fastest-growing field of English study since 1980; students entering graduate programs in English now need to have knowledge of the subject. This course will include such classical theorists as Plato and Aristotle but will focus mainly on twentieth-century theory, from the "new" criticism of the 1950s through structuralism, deconstructionism, new historicism, and feminist historicism to current postcolonialist theory. Offered every year.

Prerequisite: EMS.

**EL4402 Sin and Sexuality in Literature**

**4 cr.**

Western civilization has often treated sin and sexuality as synonymous. Through selected readings in Western literature, the course will examine whether the attitudes toward sexuality have changed over the centuries. Readings from some non-Western traditions also will be included to provide different perspectives from the classical period to the twentieth century. Offered once every two years.

Prerequisite: EMS.

**EL4405 Caribbean Literature**

**4 cr.**

Literature of the Anglophone Caribbean, from oral song and James' Minty Alley to Naipaul, Walcott, and writers of the Caribbean diaspora. The complexities of the relationship between colonizer and colonized, the transformation of that relationship by "the unmasking of imperial fictions," and the evolution of new forms of discourse will govern the selection of texts. Offered periodically.

Prerequisite: EMS.

**EL4500 Topics in British/U.S. Literature**

**4 cr.**

This course gives in-depth knowledge of particular periods and genres of literature; topics are offered on a rotating basis. They include nineteenth-century British fiction; American literature to the Civil War; seventeenth- and eighteenth-century British literature; women writers 1760-1840, and others. Offered periodically.

Prerequisite: EMS.

**EL4510 Modern Drama and Theater**

**4 cr.**

Reading and viewing critically and analytically plays dealing with important themes, issues, and questions of the twentieth century. Acquaints students with the theater as a social institution, a form of communication, and a means of consciousness raising. Plays may include works by Brecht, Shaw, O'Neill, Ionesco, writers from the Black Theater and the Latin American stage as well as contemporary women playwrights. Offered periodically.

Prerequisite: EMS.

**EL4520 Reading and Writing the Short Story**

**4 cr.**

This course is almost equally divided between interpretive analysis of short stories and a workshop approach to creative writing. In the first part of the semester, we read a variety of short stories, with a view toward extracting principles of characterization, description, and voice that can help students begin to create their own stories, guided by exercises. The second half combines readings of literature showing the historical development of the story and the tale with collaborative exercises in which students assist each other in critiquing and revising a complete short story. Offered periodically.

Prerequisite: EMS.

**EL4540 Epic: East and West****4 cr.**

A comparative understanding of the epic in its thematic, structural, and cultural aspects. Some of the major epics of India (Mahabharatha and Ramayana), as well as the Persian Book of Kings and Turkish oral epics, are studied in detail alongside the major epics of the Western tradition—Iliad, Odyssey, and Aeneid. Offered once every two years.

Prerequisite: EMS

**EL4800 Major Authors****4 cr.**

This course examines the development of one or more authors, tracing key themes, influences, shifts and continuities, and aesthetic development in the context of cultural and political forces. Authors are selected on the basis of having made landmark contributions to the continuing development of literature. Recent offerings have included James Baldwin, William Blake, Ralph Ellison, William Faulkner, F. Scott Fitzgerald, Toni Morrison, and William Shakespeare, and others may be selected in the future. Offered every Fall.

Prerequisites: EL3500 and 3510.

**EL5000 Senior Seminar I: Methodology****4 cr.**

Autobiographical and biographical works focusing on intellectual development aid students in understanding issues of personal and career identity, the impact of literary study on the formation of self, and related topics. Classwork stresses research and documentation skills and participation in a seminar setting in which each student presents some independent research to the class. In preparation for the senior thesis, students compose their own intellectual autobiographies tracing their growth and development as English majors concluding with a senior thesis proposal. Offered every Fall.

Prerequisite: Senior standing.

**EL5010 Senior Seminar II: Thesis Completion****4 cr.**

Under supervision of seminar director, students complete the senior thesis from sequential, critiqued drafts to completed manuscript. Students work intensively with a Thesis Director. Seminar sessions continue development of research and writing skills stressing the integration of research within the student's own analysis and presentation. Sessions include collaborative readings of work in progress, peer review, oral reports, and presentation of senior thesis. Offered every spring.

Prerequisites: Senior standing for Multicultural US/British literature concentration, completion of EL5000.

## FIRST-YEAR SEMINAR COURSES

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All course offerings are contingent on budgetary allocations, faculty resources and enrollment figures and, unless otherwise indicated, are offered in accordance with student demand.

**FY 1000 First-Year Seminar****4 cr.**

The First-Year Seminar course provides an intensive orientation to the College at Old Westbury. It is designed to assist students in clarifying and reaching their educational goals. Students will explore a selected academic topic. Also, topics will be explored related to learning about the campus and academic life, such as critical thinking, campus resources and activities, time management, test preparation, note taking, study techniques, and personal issues. All first-time-to-college students are required to take this course (or FY1001/1002,) in their first year.

Corequisite: A "linked" general education course will be required.

**FY3000 Undergraduate Teaching Assistant Seminar****4 cr.**

This course trains students to be effective teaching assistants. Teaching assistants will regularly attend an assigned section of a First-Year Seminar course and work closely with the instructor of the course. Teaching assistants will also be asked to attend a one-hour a week seminar with the Director of The First-Year Experience Program.

Prerequisite: B average; upper-division standing; permission of the First-Year Experience Program.

# HEALTH AND SOCIETY COURSES

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All course offerings are contingent on budgetary allocations, faculty resources, and enrollment figures and, unless otherwise indicated, are offered in accordance with student needs.

## **HS3200 Nutrition and Society** **4 cr.**

Lecture/discussion course presents fundamental principles of nutrition and analyzes some social forces that affect Americans' nutritional status. Includes detailed study of the various nutrients updated with analyses of significant scientific research. Emphasizes relationship between dietary intake and common diseases. Includes practical considerations to help students become more astute consumers. Offered as needed.

Prerequisite: EC II placement.

## **HS3600 Introduction to Health and Society** **4 cr.**

Introduces students to the public health perspective on health, also called the social determinants of health, which includes a detailed examination of social class, racism, gender, community, environment, employment, social relationships, nutrition and the American food system, and individual lifestyle choices as well as access to health care. Students learn about numerous American institutions, and examine critically how individuals' location in American society shapes their health status. They also learn to locate individual health behavior within its social context.

Prerequisite: EC II placement.

## **HS3610 Introduction to the U.S. Health Care System** **4 cr.**

Utilizing both social science and public health methodologies, students will undertake a critical examination of the U.S. health care system: its rise and history, the development of medicine, the allied health professions, and the health workforce; the current structure of the health care system, the role of government. Public and private institutional alternative models of health and health care are examined, as are health care financing and access to health care.

Prerequisite: EC II placement.

Note: HS3600 is NOT a prerequisite for HS3610.

## **HS4450 Sex in Humans** **4 cr.**

Provides a detailed explication of the anatomy and physiology of human sexuality and reproduction. Also included is an exploration of such issues as sexually-transmitted diseases, pregnancy and birth, contraception and abortion. Students learn to examine the biological issues in the social context of the meaning of sexuality in modern American society, and the use and misuse of sexual messages by major American institutions, including the media.

Prerequisite: EMS.

## **HS4491 Human Ecology** **4 cr.**

Examines adaptation of human populations to their environment. Includes: biological and cultural evolution; human diversity; population growth and regulation; the limiting resources of the environment; the ecology of disease; urban ecology and planning. Offered once a year.

Prerequisites: BS2400-BS2410 or BS2100; EMS; permission of instructor.

## **HS4600 Health Promotion** **4 cr.**

Combination of educational, motivational, organizational, political, and economic supports designed to facilitate behavioral and environmental changes that improve or protect health. Explores each aspect of the developing field of health promotion through lectures and discussions. Students gain understanding of the theoretical framework supporting health promotion strategies and the materials and methods available for facilitating individual, organizational, and societal change in health practices. Offered every other year.

Prerequisite: EMS.

## **HS4610 Women and Health** **4 cr.**

A critical look at women's health issues from the perspective of the women's health movement; normal female reproductive anatomy and physiology; medical and alternative views of women's health issues such as female sexuality; reproductive choices; women, AIDS and STDs; pregnancy, childbirth, and mothering; infertility; women, aging and menopause; breast cancer; women as health care providers; research in women's health. Offered every spring.

Prerequisite: EMS.

## **HS4631 Mental Health** **4 cr.**

Discusses the distribution of mental health disorders in the population; the relationship between mental health and social organization; the history of community institutions in coping with mental health; alternative ways of working with mental health problems in the community. Offered as needed.

Prerequisite: EMS.

## **HS4650 Substance Use and Abuse** **4 cr.**

Examines the psychological, physiological and sociological aspects of substance use and abuse in both legal and illegal contexts. Hypotheses on addictions and measures of law enforcement are examined both historically and internationally. Available treatment resources

are reviewed. Offered once a year.

Prerequisite: EMS.

#### **HS4661 Health Education**

**4 cr.**

Designed to teach the basic techniques for determining the need for health education programs and the range of resources available for planning programs. Students analyze the methods and techniques employed in case studies of health education to evaluate the effectiveness of such programs. Offered once a year.

Prerequisite: EMS.

#### **HS4670 Biostatistics**

**4 cr.**

Basic principles of statistics with emphasis on the analysis of vital statistics. Focuses on the application of statistical tools to health data, estimation, inference, hypothesis testing, T-test, chi-square, and analysis of variance. Offered every fall.

Prerequisites: MA0500; EMS.

#### **HS4700 Medical Anthropology**

**4 cr.**

Aims to provide a working knowledge of anthropological concepts of disease and illness. Through reading, class discussions, and films, students are encouraged to look beyond their cultural views of health and illness, using theoretical constructs from the social and behavioral sciences. Attention is paid to materials providing descriptions of non-Western disease and illness states, indigenous therapies and health practices. The theoretical implications of these cross-cultural studies for health care issues in the U.S. are considered. Offered as needed.

Prerequisite: EMS.

#### **HS4740 Gerontology: Long-Term Care**

**4 cr.**

Basic introduction to the provision of health, social, and financial services to the frail elderly. In the first section of the course, recent changes in the demographic profile of the U.S. population are examined and the social, political, and economic consequences for historical emergence of nursing homes are examined; current financing and service delivery issues are explored. Alternative ways of caring for the frail and elderly are discussed. Offered every two years.

Prerequisite: EMS.

#### **HS4750 Aging and Social Policy**

**4 cr.**

Examines history of social welfare programs concerned with the elderly in the U.S.; the organizations that have been significant in influencing social welfare policies on the elderly; participation of senior citizens in shaping such policies. Issues such as senior citizen housing, social security, and Medicare are examined in historical perspective. Case studies are used to highlight the ongoing experiences of the elderly and the impact of governmental policy on the daily lives of older people. Offered as needed.

Prerequisite: EMS.

#### **HS4760 Health Administration**

**4 cr.**

Introduces basic management and planning concepts and the application of these concepts to the health field. Attention is paid to system-wide considerations, e.g., methods of health care regulation and cost containment, as well as to techniques and concepts used in managing health care organizations. Managerial and regulatory process are emphasized. Students are encouraged to relate organizational capabilities to the larger social, political, and economic environment. Offered every other year.

Prerequisite: EMS.

#### **HS4770 Occupational Health**

**4 cr.**

Examines the legal, economic, and political foundations of occupational health activities in the U.S. The roles of government, unions, corporations, and research organizations are discussed. Students may review the scientific basis for the association of selected occupational exposures with disease. Special emphasis is placed on critical evaluations of the literature. Reviews occupational cancer and respiratory disease, and epidemiological approaches to chemical carcinogenesis. Offered as needed.

Prerequisite: EMS.

#### **HS4790 Health Policy**

**4 cr.**

Identifies and analyzes the political forces acting in the health care sector and examines their relationship to the U.S. political scene. Debates over health policy are traced historically and related to major policy models in U.S. history. Special attention is paid to coalition building; the possibility of reform; the development of the idea that health care is a right; private influence on the functioning of public agencies; policy formation and government involvement in health care (administration, legislation, regulation, planning, financing, adjudication, research, and development.) Offered every year.

Prerequisite: EMS.

#### **HS4800 Epidemiology**

**4 cr.**

Descriptive introduction to field. Considers etiologic factors, isolates and focuses on critical, physical, temporal, and demographic determinants of human diseases. The material draws on available clinical and epidemiological data to illustrate the importance of these variables on disease evolution. Offered every spring.

Prerequisites: HS4670; EMS.

**HS4820 Health Law 4 cr.**

Designed to give prospective health professionals an understanding of the terminology and concepts of health law. Attention focuses on the public health law, medical care law, and health facility law. Historical and contemporary issues are examined via case review readings and discussions. Issues include the right to health care, informed consent, malpractice, product liability, etc. Offered as needed.

Prerequisite: EMS.

**HS4850 International Health 4 cr.**

International Health examines health problems, health status, public health policies and programs in the developing world and the role of global politics and economics in determining the health status of people worldwide. The health systems of a number of countries, e.g., Japan, Canada, and the United Kingdom are also examined. Offered as needed.

Prerequisite: EMS.

**HS4890 Environmental Policy and Politics 4 cr.**

Focuses on the most important federal, environmental, state, and local laws. Defines roles that each level of government plays in regulating air, water, and solid waste pollution, and control of dangerous substances such as radioactive and hazardous wastes. Students become familiar with the history and function of such agencies as EPA, DEC, Department of Health, and the agencies involved in resource and land-use planning. The environmental impact statement process and the role of environmental organizations in the political policy-making process are examined. Offered as needed.

Prerequisite: EMS.

**HS4900 Health and Society Field Placement 4 cr.**

The student performs 90 hours of fieldwork in a community health agency, with prior approval of the instructor. Provides an opportunity for students to integrate classroom learning with practical work experience in assessing community health needs and effecting change in health care delivery systems. Students meet regularly to discuss their experiences, maintain a log of their field activities, and write a final paper describing the agency and summarizing their work. Offered every fall.

Prerequisites: HS3600 and HS3610; EMS.

**HS4920 Health Seminar 4 cr.**

Advanced seminar for students who wish to pursue independent research on Long Island health issues. Guest speakers from health institutions and agencies. Offered as needed.

Prerequisites: HS3600-HS3610; EMS.

**HS5900 Research Methods 4 cr.**

Designed to acquaint students with the basic principles and strategies involved in the design and application of community health surveys and of clinical and non-clinical experiments. Students learn the basics of proposal writing and design an original research project to be carried out in Senior Seminar. Offered every fall.

Prerequisites: HS3600-HS3610; HS4800; EMS.

**HS5920 Senior Seminar 4 cr.**

Final research and writing seminar for Health and Society seniors, as a culmination of the student's work at the college. Students are expected to present their research findings formally to faculty and students. Offered every spring.

Prerequisites: HS5900; EMS.

**HS9990 Independent Study 4 cr.**

Independent study is to be carried out under the supervision of a faculty member. It permits students to investigate areas that are not part of existing offerings. Open to students of upper-division standing only. Offered every spring.

Prerequisites: HS3600-HS3610; permission of instructor.

# HISTORY AND PHILOSOPHY COURSES

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## Skills Recommendations

Unless otherwise indicated, the following writing skills levels are placement levels for the designated course levels:

Skills Level	Course Level
EC I	2000
EC II	3000
EMS	4000, 5000

### **HI1010 World Religions – West** **4 cr.**

This course provides an introduction to the three major religions that share a common belief in the God of Abraham: Judaism, Christianity, and Islam. We will look at the history, beliefs, and practices of each religion separately, but also at the ways they have interacted. These interactions—sometimes peaceful and creative; sometimes violent—have been a major shaping force in Western civilization, from the development and transmission of Greek philosophy through the Crusades, the Holocaust and the ongoing definition of “Western values.” Study of Judaism, Christianity, and Islam leads to a deepened understanding of principles of theology and ethics, as well as current issues in religious and community life.

### **HI1020 World Religions – East** **4 cr.**

It is often said that what is needed in modern life is more “spirituality”—a balance of inward and outward awareness that is often associated with eastern religions. But what do these traditions really mean for people who practice them? This course provides an introduction to the major belief systems and practices of eastern and southern Asia: Hinduism, Buddhism, Confucianism, Taoism, and Shintoism. We will look at the evolution of each of these religions, considering the ways they have inspired individuals and shaped civilizations through cosmology, ritual, literature and art. We will also look at the ways that these traditions influence societies, including our own, that are far from the religions’ places of origin.

### **HI1240 Comparative Cultures** **4 cr.**

This course will provide the student with a foundation for the study of cultures and current social issues from an anthropological perspective. Readings will include articles and, where appropriate, fiction, concerning such issues as gender, race, and class, as well as the tensions and opportunities facing traditional communities, such as tribal societies, in a changing world. Offered annually.

### **HI2155 Introduction to Comparative Religion** **4 cr.**

Considers the nature and origin of religion, elements of religious practice and thought (symbol, myth, the sacred), ways of being religious, and religion as a basis of community. Methods of analysis include ethical, psychological, sociological, historical, and theological. Offered periodically.

### **HI2200 Science in Western Civilization** **4 cr.**

A broad, introductory survey of the development of scientific ideas in the West from ancient times to the 20<sup>th</sup> century, with an emphasis on the major figures and ideas, and key turning points. The course will present selective social and intellectual contexts of science as well as the role of science in shaping Western thought. Offered annually.

### **HI2250 Introduction to the Humanities** **4 cr.**

What does it mean to be human? What is our place in the scale of being? How have we confronted and how do we now confront the issues of life and death, justice and law, knowledge and truth? This course will deal with these and other basic problems of the human condition, although the particular approach will vary with instructor. Through the close reading of basic texts in the humanities, students will be introduced to some traditional and contemporary approaches to these questions and will have the opportunity to explore and express their own views on these issues. Offered annually.

### **HI2350 Acting** **4 cr.**

The course will introduce acting as an intellectual and emotional process, giving each its due while at the same time respecting Theatre as Show Biz. We start with the premise that the foundation of acting comes from the spontaneous interaction of the actor with him or herself, other actors, the audience, and the script. Therefore, we will work with improvisation, games and then apply them to the script to enhance the script’s thematic intentions. We will examine scenes to understand their structure and the meaning and then build layers of emotion into them from the actor’s experience and the rehearsal experience. The course will culminate in a performance. Offered annually.

### **HI2511 World History I: The Non-Western World** **4 cr.**

The first semester of a year long sequence in World History, this course surveys the history and culture of five regions of the world: the Middle East, sub-Saharan Africa, China, India and Japan. Our goal is to gain an understanding of each country’s/culture’s place in world history both in the past and in the present. To that end we will study maps and regional geographical features, survey crucial historical periods and events and study short selections from religion, philosophy and literature. In the last section of the course, student reports will focus our attention on each civilization’s unique contributions to the history of our world. Offered annually.

- HI2521 World History II: Western Civilization** 4 cr.  
 This course will explore the origins, dynamics and development of Western Civilization. Emphasis will be given to the shaping of political, economic, social, religious, intellectual as well as cultural aspects from the dawn of the West to the Renaissance. In particular, the course will examine the civilizations of the Near East, Egypt, Greece, Rome, Byzantium as well as the making of feudal society and the rise of modernity in the West. Students will understand the heritage of the West and its connection with modern times. Offered annually.
- HI2681 Introduction to European History: 1350-Present** 4 cr.  
 A systematic survey of European political, social, economic, cultural and intellectual history since the Renaissance. The course provides the student with the story of the origins, the pre-conditions, and the continuity of the “making” of the new Europe up to the present. Topics include the age of discovery, nation building, despotism, romanticism, nationalism, science and technology, ideologies and revolutions. An excellent basis for the further study of European history in upper-division courses. Offered annually.
- HI2700 Introduction to Logic** 4 cr.  
 This course is designed to sharpen the student’s analytical abilities and powers of reasoning and argumentation. Topics will include types of argument, the structure of argument, how to recognize arguments that are emotionally persuasive but logically fallacious, and the fundamentals of modern, symbolic logic which is the basis for computer languages. The course will stress the practical value of the principles taught and will relate class work to communication skills in general. Offered annually.  
 Prerequisite: ECI placement.
- HI2720 Introduction to Philosophy** 4 cr.  
 Serves as an introduction to the role of philosophy in human life. Philosophy will be examined in terms of both its analytical and speculative functions. Of concern will be the relation of philosophical insights to certain compelling contemporary issues. Some of the issues discussed will be the nature of knowledge and truth, the relation of values (both moral and aesthetic) to society, free will, and justice and society. Readings will be drawn from classical and contemporary philosophers. Offered every semester.
- HI3002 Rise of Reason: The Classical Origins of Western Culture** 4 cr.  
 An introduction to the Greek and Roman origins of Western civilization. This course aims, through a critical study of the works of the greatest minds and literary artists of Greece and Rome, to give an understanding of their contributions to western culture, to provoke thinking on basic problems of human experience, to develop literary taste and judgment, and to improve skills in oral discussion and written analysis. Readings are drawn from the following major genres: epic, tragedy, history and philosophy. Offered annually.
- HI3011 Foundations of the Judeo-Christian Tradition** 4 cr.  
 Western civilization is often characterized as the dynamic interplay of two cultural traditions referred to in convenient shorthand as “Athens and Jerusalem.” This course will examine “Jerusalem”: the text, figures, themes, and ideas that have defined the Judeo-Christian tradition. The course will emphasize the reading of the Biblical text itself beginning with Genesis and ending with selections from the Pauline tradition. Offered annually.
- HI3021 Europe in the Middle Ages** 4 cr.  
 Western values and institutions were formed in the medieval synthesis of Greek philosophy, Roman law, Hebrew/Christian religion, and Germanic folk culture. This course explores the cultural products of that synthesis in art, literature, and religion, and examines the roots of western attitudes toward race, class, nationalism, and war. Taught as social history, it emphasizes the economic and political context in which the cultural foundations of the modern West were forged. Offered annually.
- HI3030 From God to the Machine: Europe from the Sixteenth to the Eighteenth Centuries** 4 cr.  
 A broad-based examination of the shift in world-views from the Renaissance to the Enlightenment. The transition will be followed in terms of philosophy, science, art, religion and selected works of literature. A major theme is the cultural and intellectual context of the Scientific Revolution. Offered annually.
- HI3040 Analysis of Culture** 4 cr.  
 Exploration of the role of culture in shaping human action and experience. Various approaches to the explanation of culture are considered in the context of the development of social science. Students learn to interpret their own culture and other cultures as systems of knowledge and value. Especially important are the ways culture conditions the effects of social forces in daily life. Offered annually.
- HI3080 Asian Cultures** 4 cr.  
 An introduction to the historical and cultural traditions of India, China and Japan. This course invites students to explore the major traditions, ideas, values and social systems that shaped the lives of the peoples of these three Asian countries in the past and that continue to do so today. Students are encouraged to explore their reactions to these unfamiliar ways of life while, at the same time, gaining the ability to view each civilization and culture from its own perspective. Offered annually.
- HI3091 African Cultures** 4 cr.  
 An exploration of African civilization, concentrating on the systems of ideas, values, and institutions developed by Sub-Saharan peoples in the context of their historical experience. The unity and diversity of African cultures are related to the economic, political, and social forces operating upon them in relation to the contemporary search for African self-determination. Offered annually.

- HI3102 Hispanic Heritage** 4 cr.  
 Taught in English. The Moorish (Muslim) invasion of the Iberian Peninsula in 711 AD, together with the growing presence of Jewish culture and religion in the Iberian Peninsula (Spain and Portugal), transformed the history and culture of the region in ways that are still visible today. Spain's world-view, religion, artistic and intellectual expression, architecture, and most importantly its language, are a result of that cross-cultural evolution that started more than twelve centuries ago. This course will explore the pivotal role played by Spain in modern European history and culture. Topics, such as the Counter Reformation, the Inquisition, the "Golden Age," the "merging of cultures" as a result of Spain's conquest of the New World, and modern Imperialism will be studied and analyzed as part of the Western tradition. Offered every fall.
- HI3110 Latin American Culture** 4 cr.  
 This history of the Latin American countries is studied from its origins through today. Topics explored include the Amerindian cultures, European conquest and colonialism, African slavery, revolution and independence, "caudillismo" and dictatorships. These topics will be studied through the use of maps, films and literature. Offered annually.
- HI3130 The Black Church in America** 4 cr.  
 This course examines the development of the Black Christian Church in its visible and "invisible institutional forms during the colonial period, and the merging of these two branches, free and slave, following the Civil War. Also the emergence of Holiness and Pentecostal sects, the impact of urban migrations on black spiritual expression, the Black church and civil rights, gender issues, and the recent challenge of Islam will be dealt with. Cross-listed with AS3130 The Black Church in America.
- HI3200 Contemporary Religious Experience** 4 cr.  
 This course introduces students to the major forms of religious worship and practice in the world today. Videos and field trips as well as readings will be used to develop insights into the distinctive features of worship in various branches of well-defined world religions—Christianity, Islam, Hinduism, and Buddhism—as well as less known or less defined paths such as Sikhism, Rastafarianism, and traditional Caribbean and North American traditions. In addition to exploring distinctions and influences, we will consider the nature of worshippers' experiences of their faiths. At least one semester of academic study of religion is recommended as a prerequisite for this course.
- HI3455 Modern European Revolutions** 4 cr.  
 A comprehensive analysis of Europe's most dramatic revolutions that have fundamentally transformed modern life. The course will focus on England's Glorious Revolution, the French Revolution, the Revolutions of 1848, and the Paris Commune. The ideological and socio-economic background of each revolution will be examined in the context of Europe's larger cultural, social, and economic development. Offered every other year.
- HI3610 America's African Heritage** 4 cr.  
 An examination of the role of Africans in the shaping of America's culture and society up to the present. An interdisciplinary study of the notion of cultural continuity, and of cultural carryovers as they have impacted upon language, music, art forms, religious worship, and political life. Offered periodically.
- HI3640 African History** 4 cr.  
 Approaches the history of Africa from the viewpoint of African people. Archaeological records, oral tradition and documentary sources bring ancient and medieval Africa to life. Later units will focus on important themes and debates in African history today. Students will come to understand African civilization in the context of who Africans are, the social forces that have shaped their experience, and the new directions and problems they face in the post-independence era. Offered annually.
- HI3692 Modern Asian History** 4 cr.  
 A survey of the historical, political, economic and social changes that re-shaped the Asian world from the mid-nineteenth century to the present day, with special emphasis on the countries of China and Japan. This course uses the award-winning film series "The Pacific Century" to introduce students to the central problems and issues facing Asia in the modern world. Offered annually.
- HI3695 Modern Russia** 4 cr.  
 A survey and analysis of Russia and the former Soviet Union, focusing on the economic, intellectual, social, and political changes from the founding of the Tsarist empire to the present. Lenin, Stalin, the Cold War and its aftermath will be discussed. Offered periodically.
- HI3703 Modern Philosophy** 4 cr.  
 This course will examine some of the major philosophers of the modern period. Readings will be drawn from thinkers including Descartes, Hume, Kant, Hegel, Marx, Kierkegaard, Nietzsche. The course will conclude with selected topics and issues in 20<sup>th</sup> Century thought. Offered periodically.
- HI3704 African Religions and Philosophy** 4 cr.  
 The view of the African cosmology and religion as a system of thought. Principles of what constitutes African philosophy and religion will be examined to analyze the effects on society and politics. The study includes animism, Christianity and Islam. Offered annually.

- HI3710 Contemporary Philosophical Issues** 4 cr.  
 This course provides a focused analysis of philosophical questions central to contemporary social and political debate. Topics will be drawn from such current issues as war and peace, terrorism and just war theory, human rights, the philosophy of race and gender, the philosophy of law, the nature of social justice, and biomedical and professional ethics.  
 Offered periodically
- HI3745 Politics of Language** 4 cr.  
 This course explores the political dimensions of language in the contemporary U.S., as well as in an international context. It will focus on issues of language and power, bilingualism, literacy, and visual versus spoken and written communication. Approaches from psychology, theory of education, and sociolinguistics will be applied to the problems of language in the media, “standard” and dialect speech.  
 Offered periodically.
- HI3752 Ethics** 4 cr.  
 What principles should guide my actions? Are moral values relative or absolute? What is the relationship between law and morality? Why should I be moral? The first part of the course will examine the answers to these questions in the works of such thinkers as Plato, Kant, Mill, and James. The second half of the semester will apply these traditional ethical views to contemporary issues such as human rights, the environment, abortion, euthanasia, and racial and sexual discrimination. Offered annually.
- HI3835 Islamic Cultures** 4 cr.  
 This course provides an introduction to Islam as a way of life, and its institutions, and culture. Beginning with the socio-economic background of pre-Islamic Arabia, we will explore the radically transforming message of the Quran and the personality of Muhammad as spiritual and political leader. Students will gain insight into the spread of Islam, as it developed from a regional faith into a force in world civilization, with emphasis on its emerging role in contemporary North American society. Offered annually.
- HI3905 World Cinema** 4 cr.  
 Film is arguably the predominant artistic medium in the world today. How this has occurred will be our focus as we examine both the historic and the artistic contexts of the cinema, giving special attention to the cross-cultural implications of each. Representative international films will be screened for study, evaluation and criticism. A selection will be drawn from representative cinemas from Britain, France, Germany, India, Italy, Japan, Latin America and Spain. Selections will vary. Offered periodically.
- HI3907 African Film** 4 cr.  
 This course will introduce students to major films directed by Africans and produced after independence in the early 1960's. The films reflect the African aspirations to create their own images on their own cultures and social changes. In a first phase, African cinema was primarily concerned with the threat of Western assimilation and the glorification of the liberation struggles. Then, films began protesting state corruption, patriarchy and the violence of the present age. The new “post-engagement” African cinema encompasses a number of movies that are personal, fragmented testimonies on daily life. Offered periodically.
- HI3995 Career Internship for CH Majors**  
 Internships are available (credit varies) for students in a range of public and private organizations. Recent sponsors have included a public television station, a social services agency, the United Nations, and a consulting firm. See the Chair for requirements and details about current possibilities.
- HI4001 Nineteenth Century** 4 cr.  
 The impact of European culture and imperialism on the peoples of India and Japan. Literary works of the period are used to highlight the changes reshaping Europe in the early nineteenth century, the encounters between Europeans and Asian peoples which accompanied the expansion of Europe and the attempts of Europeans and Asians to come to terms with these encounters. Readings include Dickens' *Hard Times*, stories by Rudyard Kipling and Rabindranath Tagore, *Botchan* by Natsume Soseki. Offered each Fall.
- HI4011 Twentieth Century** 4 cr.  
 The mutual impact of cultures throughout the world; the end of nineteenth century colonialism; revolutions and wars; the emergence of the “third world.” Study of the interrelationship of European with Asian and African cultures in the twentieth century. Readings include novels from several cultures. Offered each spring.
- HI4051 Logic and Scientific Reasoning** 4 cr.  
 An introduction to scientific reasoning, including elementary logic, theory testing and decision-making. A practical course designed to help students read and interpret scientific findings, especially reports that appear in popular magazines and newspapers. More specific topics include probability, causal and statistical hypotheses, correlations, causation and sampling techniques. Although the course offers special benefits to students in the sciences and social sciences, no technical background is assumed. Offered periodically.
- HI4062 Making History** 4 cr.  
 Students will examine a variety of approaches to the study and writing of history. The course challenges the popular conceptions of history as a simple record of the past and of historians as the keepers of that record. The aim is to reveal the active role of the historian in the making of history and to show the uses of the past in the present and for the future. Offered periodically.

- HI4306 Golden Age of Islam** 4 cr.  
This course focuses on the intellectual and cultural achievements of Islamic civilization, from Islam's emergence to Arabia in the 7th century through the Mongol invasions in the 13th century. Topics include: the development of Islamic law, science, arts, philosophy; the role of trade and the teachings of mysticism, and the rise of distinctive Persian and Turkish cultures in Islamic settings. The interactions of Islamic civilization with Byzantium and Europe, as well as Central Asia nomadic groups, will be discussed.
- HI4308 Islam in the Modern World** 4 cr.  
In this interdisciplinary course, students will explore the convergence of ideas, ideologies, and forms that have shaped views of Islam by Muslims and non-Muslims from the 18<sup>th</sup> century until the present. By engaging with the writings by a variety of political and literary thinkers, students will work toward a better understanding of prominent movements and concerns during this period. Topics include Islamic fundamentalism (Wahhabism); Islamist reform movements leading to emergence from under colonial powers; the Iranian Revolution; Palestine and Israel; Muslim women and modernity; and the encounter between Muslims and secular culture in the US Europe, India, and elsewhere. Offered in alternate years.
- HI4351 War and Peace in Western Civilization** 4 cr.  
An historical survey of the relationship between warfare and the larger structures of state and society, with an emphasis on how military technology, tactics, and administration have shaped and been shaped by economics, politics, culture, and social relations. This perspective is used in the course to assess the mechanisms that have been employed to promote peace and the prospects for the development of a peaceful society. Offered periodically.
- HI4415 Europe of the Dictators** 4 cr.  
From 1918 through 1945, Europe was dominated by the appearance and aggression of totalitarian dictatorships. This course examines their roots in late 19th century culture, economics, and society, and in the catastrophe of World War I. It focuses on the Treaty of Versailles, the Russian Revolution and the consolidation of the Soviet State, the peace movement and international relations during the 1920's, the Depression, the rise of Fascism and Nazism, and World War II. Offered every other year.
- HI4420 Women and Witchcraft** 4 cr.  
Witchcraft has generally been associated with women. The course examines the relationship between women and witchcraft in order to uncover the roots and assess the consequences of this association. It begins with a look at the anthropological record, focuses on the early modern witch persecutions, and concludes with an examination of the survival of witchcraft beliefs and their relationship to women in the present. Offered periodically.
- HI4557 Renaissance and Reformation in Europe** 4 cr.  
The foundations of Modern Europe were laid in the two movements examined in this course. It begins with the revival of pagan classical culture in the commercial and urban milieu of Renaissance Italy, and traces the diffusion of the artistic and intellectual movement pioneered there to the rest of Europe. As Renaissance culture spread, it merged with existing traditions, and thereby contributed to the Reformation, a religious reform movement that transformed the Christian religion and convulsed Europe for more than a century. The course emphasizes the interconnections between Europe's socio-economic development, its political upheavals, and its dramatic cultural achievements. Offered every other year.
- HI4632 Japanese History through Literature** 4 cr.  
From Samurai to Businessmen: a survey of Japanese history and culture as seen in the literature of Japan from before the days of the Samurai warrior to the world of the modern business corporation. Special emphasis on aspects of Japanese culture that remain important today: the question of Japan as a country of cultural "imitators"; the relationship between the traditional importance of groups in Japanese society and Japan's enormous industrial success; and the significance of the Japanese emphasis on skills of art and violence—once so admired in Samurai warriors and still highly valued today. Offered annually.
- HI4650 The History of African Enslavement** 4 cr.  
The study of African slavery from pre-European contact until the present. Topics that will be covered are slavery as indigenous concepts, the Afro-Arab slave trade, the trans-Atlantic slave trade and modern 20<sup>th</sup> century slavery. All will be viewed from social, economic and political perspectives. Offered periodically.
- HI4800 History of India** 4 cr.  
Fat Maharajas atop bejeweled elephants, naked holy men sitting silently along the roadside, ragged children begging for scraps of food, maddened zealots attacking each other from caste hatred or religious fanaticism -these are the stark images that dominate American and Western ideas about India. But India's 5,000-year history offers much more. From the intricacies of an ancient Sanskrit-based culture and the grandeur of Mughal tombs to the vibrancy of modern Bollywood films and the contending ethnic/religious identities of post Independence India—India's history tells the story of how diverse populations wove together their different ways of life to create the multi-dimensional tapestry that is India today. This one semester course explores the vibrant diversity of India's past with an emphasis on its multiple legacies and the ways 20th and 21st century Indians have used these legacies to construct modern identities and a modern, democratic nation.

- HI4900 Modern China – a Study Abroad Course on Chinese Civilization** 4 cr.  
Offered in conjunction with the faculty and staff of a university in China. Through lectures, trips, and everyday living experiences, this 4 week summer course will introduce students to all aspects of life in modern China—from its culture to its business community, from its political philosophy to the ideas of the men and women on its streets. Students will attend lectures and live at Wuyi University and work with Wuyi faculty and students. Day trips will allow students to explore cultural spots and cities in Guangdong Province and a special four day trip will take students to nearby Hong Kong and Macao. Offered for 4 weeks in May-June.
- HI4905 Chinese Civilization** 4 cr.  
An introduction to one of the oldest civilizations of the world. This course will provide students with general knowledge of 5,000 years of Chinese history and peoples, cultures and traditions, languages and literatures, music and arts, as well as philosophies and beliefs. It will also introduce students to the impact of cultures on the establishment and development of the Chinese social, political and economic systems. Offered annually.
- HI4995 CD-ROM Mini-Lab on China** 2 cr.  
A multimedia exploration of Chinese history and culture using CD-ROM technology and computers in Old Westbury's student computer center. Using a workbook in conjunction with a variety of CD-ROM's, students are introduced to the sights, sounds, land, language, culture and history of China. The mini-lab is a 2 credit project under the direction of Dr. Judith Walsh. Students view the CD-ROMs in the computer lab, keep a journal and complete worksheets and assignments on the material they view. Offered on demand and only with the instructor's permission.
- HI4997 CD-ROM Mini Lab on Asia** 4 cr.  
CD-RM Mini-lab on Asia incorporates materials from both HI4995 and HI4996 above and may be taken for General Education credit. Offered on demand and only with instructor's permission.
- HI5900 Senior Seminar** 4 cr.  
Designed for students earning degrees in Comparative Humanities or Philosophy and Religion, the Senior Seminar requires a major research paper on an approved topic that emerges from the major's coursework. Offered each Spring.

## INDUSTRIAL AND LABOR RELATIONS COURSES

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All course offerings are contingent on budgetary allocations, faculty resources and enrollment figures and unless otherwise indicated, are offered in accordance with student demand.

- IR1501 Introduction to the World of Work** 4 cr.  
This survey course introduces students to the "world of work" in the United States and around the world through the written word, films, interviews, and field trips. Topics covered include: "What is work?", occupational and employment trends, compensation, unemployment, child labor, segregation and inequality in the workplace, the impact of technology on the global division of labor, employee-management relations, labor unions and the future of work. Offered every other year.  
Prerequisite: ECI placement.
- IR2210 Unions and Management: An Introduction** 4 cr.  
Focusing on the current state of labor-management relations, this course introduces students to collective bargaining, labor and employment law, history of labor relations, labor union and management organizational structures, grievance handling and arbitration, and labor and management strategies. Required for all Industrial and Labor Relations majors. Offered each semester.  
Prerequisite: EC II placement.
- IR3120 History of American Labor Relations** 4 cr.  
This course follows the broad contours of American labor-management history, with an emphasis on the sources of growth and decline of the modern labor movement. Factors examined include: forms of employer and union organization, legal status of unions, immigration, race, gender, globalization, technology, politics, and ideology. Organizations surveyed include: Knights of Labor, Industrial Workers of the World, American Federation of Labor, Congress of Industrial Organizations, and the AFL-CIO. Offered every other year.  
Prerequisites: Upper-division standing; IR2210 or permission of instructor.
- IR3140 Unions and Public Policy** 4 cr.  
The global economy has pushed issues such as free trade vs. fair trade, international investment, distribution of income, health care policies, child and sweatshop labor, and the legal rights of labor unions onto center stage. This course examines union and employer views and activities regarding these and other important public policy issues including minimum wage, unemployment insurance, worker

compensation, and occupational safety and health. Offered every year.

Prerequisite: EC II placement.

### **IR3260 Comparative Labor Relations**

**4 cr.**

Examines labor-management relations systems in selected countries. A comparative approach is used, drawing on the varied experiences of advanced and less developed countries. The course compares the goals and tactics adopted by labor movements and by employers in the face of varying legal systems, degrees of economic and social development, and economic pressures. Countries to be examined vary, but at least one is always “non-Western”, e.g. Asian or African. The United States is always used as a comparison country. Offered every two years.

Prerequisite: EC II placement.

### **IR3300 Collective Bargaining and Grievance Procedures**

**4 cr.**

A study of the principles of modern collective bargaining; bargaining environments and structures; preparing bargaining demands; cost-logic economic and non-economic issues; and resolving a collective bargaining impasse. Students will examine methods (strikes, boycotts, lockouts, replacements, lobbying, mediation, arbitration, etc.) of achieving collective bargaining goals; procedures (grievances and arbitration) for administering collectively bargained agreements. Content includes review of major labor legislation; procedures of national and state labor relations boards; roles of shop steward and line supervisor. Offered every year.

Prerequisite: EC II placement.

### **IR3330 Women, Minorities and Work**

**4 cr.**

Women, minority workers, and part-time employees make up more than one-half of the labor force today. This course focuses on their historical relationships to the labor market and their positions today. It studies issues of race, gender and national origin as they impact on compensation and employment opportunities. Traces history of efforts to achieve equal treatment from employers and labor unions. Advantages of multi-cultural perspectives for employers. Offered every two years.

Prerequisite: Upper-Division Standing.

### **IR3415 Labor Economics**

**4 cr.**

Develops different frameworks for understanding today's labor markets, ranging from market-based to institutionalist theories. Includes analysis of current trends, major factors affecting the labor supply (e.g., immigration, women workers, unions) and the demand for labor (e.g., automation, investment policies, business cycle, productivity). Offered every year.

Prerequisite: Upper-Division Standing.

### **IR3500 Arbitration and Mediation**

**4 cr.**

This course studies the function of arbitration in the field of labor-management relations, including an analysis of principles and practices, the law of arbitration, the handling of materials in briefs and oral presentations, the conduct of an arbitration hearing, and the preparation of an arbitration opinion and award. Students also study the use of mediation in resolving contract grievances. Offered every other year.

Prerequisite: Upper-Division Standing.

### **IR3860 Development of the Modern Corporation**

**4 cr.**

The modern corporation viewed as the dominant institution of the 21st century. Major areas of study include: historical development; multinationals and conglomerates in today's global economy; political and economic power; private planning; labor relations. Offered every other year.

Prerequisite: Upper-Division Standing.

### **IR4200 Strategic Research for Labor Relations**

**4 cr.**

This course examines why unions need strategic research to be able to succeed in today's economic and political climate, what strategic research consists of, creating a research plan, research for targeting, researching workplace and social justice problems, conducting power structure research, understanding financial statements, grasping the employer's strategic plan and changes in the industry, and linking research to organizing and bargaining campaigns. Offered every other year.

Prerequisite: Upper-Division Standing.

### **IR4320 Labor and Employment Law**

**4 cr.**

Taught by an attorney. Detailed introduction to labor (union) and employment law affecting employers, unions, and workers in the United States. Examines social philosophy, including employment-at-will doctrine, and historical context. Includes major provisions of the National Labor Relations Act; Taft-Hartley and Landrum-Griffin Amendments; NLRB and Federal Court legal interpretations; New York State's Taylor Law and other public sector labor law; anti-discrimination statutes; Fair Labor Standards Act; pension law; family and medical leave. Offered every year.

Prerequisite: Upper-Division Standing.

### **IR4340 Public Sector Labor Law and Collective Bargaining**

**4 cr.**

This course provides a basic understanding of the historical development of the legal status of public employees in the United States, with a specific emphasis on New York. It includes the creation of the civil service system, the strike and organizing struggles of the first half of the 20th century, the attainment of tenure, constitutional due process, and collective bargaining rights of public employees. It will

review the Taylor Law in depth, including employees' rights to self-organization, union representation, collective bargaining, mandatory subjects of bargaining, and unfair labor practices. Offered every other year.

Prerequisite: Upper-Division Standing.

**IR4350 Working With the NLRB and PERB 2 cr.**

This course presents, in layman's terms, the history and current operations of the National Labor Relations Act (Wagner Act/Taft-Hartley Act) and the National Labor Relations Board. It provides a detailed examination of "unfair labor practices" and how the NLRB and the courts handle ULP complaints. It also examines representation procedures leading to certification of labor organizations as bargaining representatives of employees, including the defining of bargaining units, the scheduling of elections, and post-election procedures. Students are also introduced to New York's Taylor Law and the operations of the Public Employment Relations Board. Offered every other year.

Prerequisite: Upper-Division Standing.

**IR5900 Senior Project/Internship in Industrial and Labor Relations 4 cr.**

Student completes a major research project or internship, individually tailored to her or his background and experience. Offered every semester.

Prerequisites: Senior Standing; completion of required courses.

## MATHEMATICS COURSES

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### Support Services for College Mathematics

Free tutoring is available for all math courses in the Mathematics Learning Center. Students are encouraged to visit room A-118 to take advantage of this service.

**MA0500 Introductory Algebra and Lab 0 cr./4 eq. cr.**

To help all students develop or review basic mathematical skills, this semester course and lab, meeting three times a week, is offered. Review of the elements of basic high school algebra. Operations on number systems, linear equations, factoring, rational expressions, exponents and radicals, quadratic equations. Offered every semester.

**MA1020 College Algebra 4 cr.**

Topics include functions, factoring polynomials, rational and algebraic expressions, exponents and radicals, solutions to quadratic equations, complex numbers, inequalities, systems of equations, matrices, Cramer's rule, graphs of functions. Offered every semester.

Prerequisite: Grade of C- or higher in MA0500 or equivalent.

**MA2000 Applied Statistics 4 cr.**

Applied Statistics is a General Education course intended to develop the statistical literacy of all students regardless of their major. The emphasis is on organizing and summarizing data, applying appropriate statistics, and on understanding and interpreting the results of statistical tests. Real data derived from a variety of fields including education, psychology, sociology, life and physical sciences, economics, and business will be used throughout the course.

Prerequisite: MA1020 placement or Grade of C- or higher in MA0500.

**MA2010 Foundations of Mathematics I 4 cr.**

A course designed primarily for students majoring in elementary education. MA2010 covers fundamental theory, historical context and underlying logic of the mathematics taught in elementary school. Content is intended to complement the recommendations in the National Council of Teachers of Mathematics Standards 2000, and emphasis is placed on problem solving and communication in mathematics. The syllabus includes topics from elementary combinatorics, probability, statistics, geometry and measurement. Offered every semester.

Prerequisite: Grade of C- or higher in MA1020.

**MA2030 Mathematical Logic & Set Theory 4 cr.**

Basic concepts of mathematical logic and set theory, propositional calculus, predicate calculus, algebra of sets, functions, and relations, methods of proof, including mathematical induction. Offered every semester. (Previously offered as MA3810)

Prerequisite: MA2090 or equivalent.

**MA2050 Quantitative Reasoning and Decision Making 4 cr.**

This course focuses on essential skills in critical thinking, problem solving and decision making. As part of a student's general education, applications of quantitative methods to solving real-life problems are explored. Skills examined include pattern recognition, graphing,

deductive logic, statistical inference, probabilistic reasoning, introduction to modeling. Topics include ethics in decision making, personal value systems, consumer finance, the language of advertising, energy and environmental issues at the community and global level. Offered as needed.

Prerequisite: Grade of C- or higher in MA1020 or permission of instructor.

**MA2080 Precalculus for Business and Economics 4 cr.**

The study of linear, quadratic, exponential, and logarithmic functions and their graphs. Systems of equations and an introduction to matrices. Applications in the fields of business and economics. Offered every semester.

Prerequisite: Three years of regents high school mathematics or Grade of C- or higher in MA1020.

**MA2090 Precalculus 4 cr.**

A course designed primarily for students who wish to take MA2310. A study of algebraic, logarithmic, exponential, and trigonometric functions and their graphs. Offered every semester.

Prerequisite: Three years of Regents high school mathematics or Grade of C- or higher in MA1020.

**MA2300 Calculus for Business and Economics 4 cr.**

Limits, differentiation, and integration. Relevant applications from the areas of business, economics and the social sciences. Offered every semester.

Prerequisite: Four years of Regents high school mathematics or MA2080 or MA2090.

**MA2310 Calculus and Analytic Geometry I 4 cr.**

MA2310, MA2320, and MA3330 form an integrated three-semester course in the elements of analytic geometry, and differential and integral calculus with applications. Offered every semester.

Prerequisite: Four years of Regents high school mathematics or MA2090.

**MA2320 Calculus and Analytic Geometry II 4 cr.**

See MA2310. Offered every semester.

Prerequisite: MA2310.

**MA2500 History of Mathematics 4 cr.**

A survey of the history of mathematics from the beginnings through the 19<sup>th</sup> century. With special attention to culture and mathematics. Emphasis on topics germane to the high school curriculum. Offered every other semester.

Prerequisite: MA 2310 or permission of the instructor.

**MA3030 Discrete Mathematics 4 cr.**

Topics include combinatorics, functions and relations on discrete structures, recursion, efficiency of algorithms, graphs and trees. Offered every semester.

Prerequisite: MA2030.

**MA3160 Linear Algebra 4 cr.**

An introduction to linear algebra beginning with two and three dimensional spaces, and including such topics as matrices, systems of equations, determinants, vector spaces, linear transformations, eigenvalues, and applications. Offered every semester.

Prerequisite: MA2310.

**MA3180 Foundations of Secondary School Mathematics 4 cr.**

This course is designed for students planning to be secondary school mathematics teachers. The course covers the fundamental theory, historical context and underlying logic of mathematics taught in secondary school. It follows the National Council of Teachers of Mathematics Standards. The goal is for students to develop a deep understanding of secondary mathematics and to enable future teachers to provide their students with the highest quality instruction. This course can be used as a preparation for the New York State Teacher Certification Examination in Mathematics, Content Specialty Test. Offered every other semester.

Prerequisites: MA2320, MA3030, MA3160.

**MA3210 Introduction to Probability and Statistics 4 cr.**

A one-semester course containing foundation material in probability and statistical inference. Topics include discrete and continuous distributions, random events, estimation and hypothesis testing. Offered every semester.

Prerequisite: MA2310; MA2320 recommended.

**MA3330 Calculus and Analytic Geometry III 4 cr.**

See MA 2310. Offered every semester.

Prerequisite: MA2320.

**MA4100 Number Theory 4 cr.**

A study of the utilization of concrete examples to introduce concepts of modern algebra; prime numbers, congruences, diophantine equations, elementary combinatorial analysis. Offered every other spring.

Prerequisites: MA2030 and MA2320.

- MA4200 Probability** **4 cr.**  
 Sample space, concepts of probability, conditional, marginal and joint probabilities, random variables and functions of random variables; discrete and continuous and other special distributions; moment generating functions; law of large numbers and central limit theorem; conditional expectations, and introduction to stochastic processes. Offered as needed.  
Prerequisite: MA3330.
- MA4300 Numerical Analysis** **4 cr.**  
 A study of numerical methods with computer work: solution of algebraic and transcendental equations, systems of linear equations, interpolation, numerical solution of differential equations, error estimation. Offered every other fall.  
Prerequisite: MA3330.
- MA4360 Differential Equations** **4 cr.**  
 A study of differential equations and their applications; ordinary differential equations with particular emphasis on linear differential equations, systems of differential equations, boundary value problems and applications to electrical, mechanical and chemical systems. Offered every spring.  
Prerequisite: MA2320.
- MA4510 Geometry** **4 cr.**  
 Geometry from a modern axiomatic standpoint. Higher Euclidean geometry emphasizing incidence and separation properties, metric properties, area theory, Euclidean constructions. Offered every fall.  
Prerequisites: MA2030, MA2320.
- MA4910 Operations Research I** **4 cr.**  
 An introductory course in operations research theory and methodologies. Operations research uses systematic mathematical processes to find optimal solutions to problems in business, government and science. Topics include matrix algebra, Simplex method of Linear Programming, the Big M Method, Duality Theory, Transportation Programming, the Assignment Problem, Network Analysis and an Introduction to Dynamic Programming. Offered every other fall.  
Prerequisites: MA2320, MA3160.
- MA4920 Operations Research II** **4 cr.**  
 The second course in the operations research sequence, this course examines the probabilistic nature of certain operations research models. Topics include Queueing Theory, the Birth and Death Process, Stochastic Processes, Markov Chains, Chapman-Kolmogorov equations and Inventory Theory. Offered as needed.  
Prerequisite: MA3210 or MA4200.
- MA5120 Abstract Algebra I** **4 cr.**  
 Groups, rings, integral domains, ideals and fields together with their homomorphisms. Offered every semester.  
Prerequisites: MA2030 and MA3160.
- MA5130 Abstract Algebra II** **4 cr.**  
 Continuation of MA5120 and includes the Sylow Theorems, free groups, extension fields, Galois theory, finite fields. Offered as needed.  
Prerequisite: MA5120.
- MA5230 Mathematical Statistics** **4 cr.**  
 Review of set theory, probability, random variables and some standard distributions. Focuses on estimation of parameters, confidence intervals, hypothesis testing, likelihood ratio tests, sampling distributions, one-sample and two-sample test. Offered as needed.  
Prerequisite: MA4200.
- MA5320 Advanced Calculus I** **4 cr.**  
 An analytical study of the theory underlining calculus. Topics will include the real number system, limits, continuity, uniform continuity, differentiability, sequences and series of functions, uniform convergence, Taylor series, theory of integration, elementary transcendental functions. Offered every fall.  
Prerequisites: MA3160, MA3330.
- MA5330 Advanced Calculus II** **4 cr.**  
 Rigorous study of vector calculus. Topics will include continuity, differentiation and integration of vector valued functions, inverse and implicit function theorems, differential forms and general Stokes' Theorem. Offered every other spring.  
Prerequisite: MA5320.
- MA5360 Real Analysis** **4 cr.**  
 Theory of the Lebesgue integral; outer measure, measure and measurable sets; simple functions and the space of Lebesgue integrable functions; theorems of Fatou and Lebesgue; dominated (and bounded) convergence theorems; Riemann-Stieltje's integrable; the  $L^p$  spaces; inequalities. Signed measure; the decomposition theorems of Hahn and Jordan. Offered as needed.  
Prerequisite: MA5320.

- MA5380 Complex Analysis** **4 cr.**  
 Introduction to the theory of analytic functions of complex variables including such topics as complex arithmetic, power series expansion, conformal mapping, analytic functions, and residues. Offered as needed.  
Prerequisite: MA3330.
- MA5510 Topology** **4 cr.**  
 A study of general topology and introductory algebraic topology, including such topics as topological spaces, metric spaces, continuity, connectedness, compactness, product and quotient spaces, functions spaces, homotopy, fundamental groups. Offered as needed.  
Prerequisites: MA2030 and MA3330.
- MA5900 Research** **2-4 cr.**  
 Research project carried out under the supervision of a faculty member.  
Prerequisite: Permission of instructor.
- MA5910 Special Topics** **4 cr.**  
 Selected topics in mathematics. Offered as needed.  
Prerequisite: Permission of instructor.
- MA9990 Independent Study** **2-4 cr.**  
 Designed to give the advanced student the opportunity for independent reading, development of a project or a mathematical model.  
Prerequisite: Permission of instructor.

## MODERN LANGUAGES COURSES

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All course offerings are contingent on budgetary allocations, faculty resources, and enrollment figures, and unless otherwise indicated, are offered in accordance with student demand.

### Spanish Courses

- ML1100-ML1110 Basic Spanish Conversation I-II** **4 cr. ea.**  
 Communication skills in standard Spanish are stressed with particular emphasis placed on speaking and aural comprehension. Not appropriate for students with a background in spoken Spanish. MLI 110 is open to students who have completed MLI 100 or its equivalent. Both are offered in the fall and in the spring.  
Prerequisite for ML1100: No prior experience in the language.  
 Prerequisite for ML1110: ML1100 or permission of ML faculty.
- ML1120 Intensive Basic Spanish I & II – Honors** **8 cr.**  
 This course is designed for honors students and will serve education majors wishing to complete the modern language requirement as well as other liberal arts majors wishing to accelerate Spanish language conversational fluency. The course will meet four times per week, Monday through Thursday, including one hour per week in the media technology laboratory. The course will be team taught by our existing full-time and adjunct faculty. The curriculum for the course will cover the grammar, listening comprehension, speaking and cultural components of the existing two courses, Basic Spanish I and Basic Spanish II, using the identical textbook and lab materials. The course is intended for non-natives only, and should serve to accelerate the language acquisition of those wishing to learn Spanish and to enroll for advanced courses currently taught in Spanish. Since the course will cover the material in Basic Spanish II, it will count toward the newly proposed Spanish minor. No prior experience in the language required.  
Prerequisite: Honors students or permission of instructor.
- ML2100 Intermediate Spanish Conversation I** **4 cr.**  
 This course is designed for non-native speakers who have learned the basic structures of Spanish and for Hispanic students with some knowledge of spoken Spanish but no prior academic training in the language. Students will work on the four language skills (listening, speaking, reading and writing) in standard Spanish. Special emphasis, however, is placed on listening and speaking. Expanding vocabulary and building confidence in speaking are the main goals of this course. Offered every fall.  
Prerequisite: ML1110 or permission of ML faculty.
- ML2110 Intermediate Spanish Conversation II** **4 cr.**  
 This course offers a comprehensive review of Spanish grammar and intensive work on vocabulary building. It is designed both for non-native speakers who have some competence in spoken Spanish and for Hispanic students who have had limited academic training in the language. The course is intended to develop competence in reading, writing and speaking. Offered every spring.  
Prerequisite: ML2100 or permission of ML faculty.

- ML2115 Business Spanish** **4 cr.**  
 This is a semester course covering the specialized vocabulary in the business and labor studies careers. Students will gain an understanding of the cultural differences between Hispanic/Latino and the Anglo community and how these differences may determine marketing and labor relations in today's global economy. Course is designed for Hispanic as well as non-Hispanic students and English dominant Latino students whose education has taken place primarily in the United State. Offered periodically.  
 Prerequisite: Intermediate Spanish I or permission of instructor.
- ML3100 Intensive Spanish Conversation and Composition** **4 cr.**  
 Designed for the non-native speaker who has had at least two years experience in Spanish, and for Hispanic students who need to activate and expand their ability to think and express themselves in their native language. This course will provide intensive oral practice on different topics related to Hispanic culture as well as current events of particular interest to students. A variety of reading and writing assignments will help students amplify their vocabulary, lessen the interference of English in Spanish oral communication and strengthen their ability to express ideas both in conversation and in writing. Offered every fall.  
 Prerequisite: ML2110 or permission of ML faculty.
- ML3110 Advanced Spanish Conversation and Composition for Non-Native Speakers** **4 cr.**  
 This course is designed solely for non-native speakers with a strong background in Spanish grammar who are required to take upper-level courses in Spanish culture and literature or simply wish to acquire higher-level skills in speaking and writing the language. Offered every spring.  
 Prerequisite: ML3100 or permission of ML faculty.
- ML3200 Translation Workshop** **4 cr.**  
 This course offers intensive practice in the art of translation, from English into Spanish and from Spanish into English. A variety of prose texts of increasing length (legal, medical and business documents, newspaper or magazine articles, short excerpts from literary essays) will be selected for translation. Students will work on comparative grammar, style, rhetorical structures and levels of discourse. Emphasis will be placed on expansion of vocabulary in both languages, and on the development of a clearer understanding of the morphological and syntactical differences between the two languages. Offered every third semester.  
 Prerequisites: ML2110, ML3100, ML3110, ML3362 or permission of ML faculty.
- ML3250 Fundamentals of Spanish Linguistics** **4 cr.**  
 This course provides an essential survey of the major areas of Spanish linguistics geared primarily towards the undergraduate Spanish Education major. Topics to be covered include advanced grammar and syntax, phonology, and lexical morphology. Course readings and fieldwork assignments are intended to provide the student with both a descriptive introduction to the field, which should enable non-natives to improve their own Spanish grammar, listening comprehension and pronunciation; and native speakers to be sensitive to learner difficulties, and to make them more effective educators of Spanish. The course is taught in Spanish with technical terminology given in both Spanish and English. Offered periodically.  
 Prerequisite: ML2100 or permission of instructor.
- ML3362 Advanced Spanish Grammar and Composition for Native Speakers** **4 cr.**  
 Designed for Hispanic students who need to improve their ability to write in Spanish, to expand their overall vocabulary and to perfect their knowledge of grammar and correct usage. Focus is on the development of reading and writing skills through class discussions, written exercises and compositions. Offered every spring.  
 Prerequisite: Permission of ML faculty.
- ML3410 Latino Writers in the United States** **4 cr.**  
 Taught in English. This course recognizes the contributions of "Latino" writers who have produced a body of literature in English. The works represent the cultural diversity within the Latino communities in the United States, and the response by various authors to questions of acculturation to new social conditions. Offered every other semester.  
 Prerequisite: EMS placement.
- ML3500 Critical Writing and Textual Analysis** **4 cr.**  
 Taught in Spanish. For the student who is interested in pursuing the study of literature in Spanish, this course develops critical reading and writing skills and introduces methods of textual analysis. Through intensive practice and class discussions, students will refine their ability to express independent ideas, organize their thoughts, develop a theme and interpret a literary text, in order to write effective essays and term papers in Spanish. Revising and rewriting will be an integral part of the course. Offered every fall.  
 Prerequisite: ML2110 or ML2200.
- ML3600 Introduction to the Study of Hispanic Literature** **4 cr.**  
 Taught in Spanish. A prerequisite for all upper-level literature and culture courses, this course introduces students to the study of literary genres (poetry, drama, the narrative and the essay). Students will also become familiarized with literary schools and aesthetic movements. Works of noted Hispanic authors (plays, short stories and poems) will be read and analyzed with regard to form and content. Offered every spring.  
 Prerequisite: ML3500.

**ML4100 The Spanish Golden Age** 4 cr.

Taught in Spanish. A study of the literature of the Spanish Golden Age (ca. 1500-1660) which includes some of the major texts and best-known stories of world literature. Students will be guided through the reading and analysis of selections from Cervantes, Rojas, Tirso de Molina, Lope de Vega, Calderon, Gongora, etc. The works presented will provide a basis for the examination of the Baroque concepts of reality and illusion, dream and disenchantment. Offered every third semester.

Prerequisite: ML3600.

**ML4325 Contemporary Theatre of the Hispanic World** 4 cr.

Taught in Spanish. Selected plays by a variety of Spanish-speaking dramatists will be read and examined critically and analytically. The plays will represent a broad range of styles and subject matter, and touch upon the philosophical, social and cultural issues that have preoccupied Spanish and Latin American playwrights in modern times. Works by Arrabal, Dragun, Garro, Triana, Paz, Fuentes and Vargas Losa may be included as well as recent performance pieces by Latino playwrights. A focal point of the course will be the preparation of dramatic readings of selected scenes. Offered periodically.

Prerequisite: ML3500 or ML3600.

**ML4350 Recurrent Themes in Latin American Painting and Literature** 4 cr.

Taught in Spanish. This course explores the importance of art and literature in the construction of national, cultural and social discourses in Latin America. Representations of Latin America by European engravers of the 16<sup>th</sup> and 17<sup>th</sup> centuries will be analyzed alongside excerpts from colonial literary texts concerned with explaining the newly “discovered” lands to their European sponsors. We will look at nationalistic discourses as presented by the Mexican Muralist movement and writings by Octavio Paz. We will also examine the Hispanic Caribbean painters’ and writers’ project to develop a new artistic vocabulary, and their (dis) illusions with their countries’ social and political conditions. Offered every third semester.

Prerequisites: ML3500 and ML3600 or permission of Instructor.

**ML4450 Hispanic Women Writers** 4 cr.

Taught in Spanish. A close reading and analysis of major works of fiction and poetry by Hispanic women. Students will be introduced to significant pre-20<sup>th</sup> century authors; however, the main focus of the course will be on contemporary texts. Selected writers from different areas, such as Emilia Pardo Bazan, Maria Luisa Bombal, Julia de Burgos, Rosario Ferre, Elena Poniatowska, Gabriela Mistral, Isabel Allende, et al., will give students a sense of the diversity and range of Hispanic women’s writing. We will examine these writers’ response to “machismo” and the limited role of women in traditional societies. Questions concerning the feminine literary tradition, such as how the female experience is represented in texts written by women, and whether there is a specifically “female” writing, will also be discussed. Offered every third semester.

Prerequisite: ML3500 or permission of ML faculty.

**ML4500 Culture and Literature of Spain** 4 cr.

Taught in Spanish. A study of the culture and literature of Spain through representative works, beginning with the epic poem *El Cid*, Spain’s first recorded literary work, and continuing through the 18<sup>th</sup> century. Students will examine the concepts of honor, religious duty, love, conquest, and the nation as represented in the Spanish tradition. Offered every third semester.

Prerequisite: ML3500 or permission of ML faculty.

**ML4520 Culture and Literature of the Spanish Caribbean** 4 cr.

Taught in Spanish. A study of the major literary trends of this century in the Caribbean area (Dominican Republic, Puerto Rico, and Cuba) seen in a general Latin-American sociocultural and political perspective. Representative works by Henriquez Urena, Llorens Torres, Pales Matos, Guillen, del Cabral, Bosch, Marques, Carpentier, Laguerre, Cabrera Infante, Gonzalez, Cesaire, Mir, Burgos, Rodriguez-Julia, etc. Offered every third semester.

Prerequisite: ML3500 or permission of ML faculty.

**ML4540 Culture and Literature of Latin America** 4 cr.

Taught in Spanish. Analysis of literary and sociopolitical themes that are still prevalent in Latin America, including the collision of cultures, liberalism, independence and revolution, “civilizacion y barbarie,” and dictatorship. These topics will be studied through comparative readings of colonial, nineteenth, and twentieth century literary works. Offered every other semester.

Prerequisite: ML3500 or permission of ML faculty.

**ML4700 Studies in Spanish Literature of the Nineteenth and Twentieth Centuries** 4 cr.

Taught in Spanish. A study of the major literary trends prevailing in Spain from the beginning of the 19<sup>th</sup> century to late 20<sup>th</sup> century: Romanticism, Realism, Naturalism, the “Generation of ‘98”, the “Generation of ‘27”, the era known as “la postguerra” and postmodernism. Representative works of poetry and prose will serve as an illustration of the historical, social and artistic issues characteristic of each period. Offered every third semester.

Prerequisite: ML3500 or permission of ML faculty.

**ML4750 Fiction Into Film: the Spanish and Latin American Cinema** 4 cr.

Taught in Spanish. A study of classic Spanish-speaking films from Latin America and Spain and their contribution to Hispanic culture. The class will view, discuss and analyze films in the context of socio-political events and aesthetic movements, and place each work in cultural perspective. Particular attention will be paid to the ways in which literary works are translated into cinematic form, and to contrasting

narrative practices in the novel and in film. Offered every other semester.

Prerequisite: ML3500 or permission of ML faculty.

**ML4800 Modernism and the Avant-Garde Movements in Latin America 4 cr.**

Taught in Spanish. An historical and analytical approach to the Modernist and Avant-garde movements in Latin American letters. Students will be introduced to the various aesthetic styles which flourished from the late 19th to the middle of the 20th century. The course will examine major poetic trends, as well as representative prose fiction of the two periods (Modernismo and Vanguardismo), paying particular attention to symbolism, decadentism, impressionism, surrealism, cubism, etc.

Prerequisite: ML3500 or permission of ML faculty.

**ML5400 Contemporary Literary Theory and Its Applications 4 cr.**

Taught in Spanish. Recent contributions by Jacques Derrida (deconstruction theory), Edward Said (on orientalism), Julia Kristeva and Hélène Cixous (feminist theories) have questioned the authority of the author as well as the reader, and have brought into consideration other mechanisms that affect our critical evaluation of the world around us. This course attempts to establish principles for interpreting and evaluating literary texts, visual arts and films through readings of contemporary literary theory. Offered periodically.

Prerequisites: ML3500 and ML3600 or permission of Instructor.

**ML5450 Major Trends in Latin American Thought 4 cr.**

Taught in Spanish. The course examines the major intellectual and artistic trends in Latin American letters, as reflected in the works of representative writers: Sarmiento, Bello, Martí, Rodó, Henríquez-Ureña, Mariategui, Zea, Paz, Vargas Llosa, among others. Readings of the historical, social and literary essay will constitute the primary focus of the course. Special attention will be given to regional and cultural differences. Topics such as race and ethnicity; national identity; the role of women in society, etc., will be closely examined. Offered every third semester.

Prerequisites: ML3500 and ML3600 or permission of Instructor.

**ML5650 Contemporary Latin American Narrative 4 cr.**

Taught in Spanish. Introduction to narrative techniques and socio-political topics prevalent in the contemporary Spanish American narrative. Authors include Borges, Arguedas, Cortázar, Carpentier, Rulfo, Bombal, García Márquez, Fuentes, Roa Bastos, Vargas Llosa, Poniatowska, Allende, etc. Offered every third semester.

Prerequisite: ML3500 or permission of ML faculty.

**ML5900 Senior Seminar 4 cr.**

With the guidance and supervision of a faculty member, students must prepare a Senior Thesis. The thesis must focus on a specific area of Spanish language, Hispanic literature and culture involving detailed research. Offered every semester.

Prerequisites: Senior Standing in ML program; EMS placement.

Note: Students may choose to take an additional 4000- or 5000-level course instead of completing Senior Seminar.

## Arabic Courses

**ML1300 Basic Arabic Language I 4 cr.**

This course provides an introduction to Modern Standard Arabic, the language of print and broadcast media throughout the Arabic-speaking world. Alongside conversation, a substantial portion of the course will be devoted to mastery of basic reading and writing skills. Students will be introduced to common greetings, numbers, colors and basic vocabulary relevant to everyday environments. By the end of the course, students should be able to formulate questions and present basic information about themselves relating to family and school experience. Music, visual media, maps and other supplementary material (including field trips, as possible) will reinforce language skills and introduce students to the diverse aspects of culture in the Arab world. Offered periodically.

**ML1310 Basic Arabic Language II 4 cr.**

This course continues the introduction to Modern Standard Arabic, the language of print and broadcast media throughout the Arabic-speaking world, begun in Basic Arabic Language I. Students will progress toward simple conversations about themselves and others, classroom and travel experience, leisure activities and basic needs. By the end of the course, students should have mastered several hundred words of vocabulary. Work on reading and writing skills will continue, so that students can create and recognize the vocabulary in written form, as well as understanding authentic printed material such as signs and newspaper headlines. Music, visual media, maps, interviews and other supplementary material (including field trips, as possible) will reinforce both language skills and cross-cultural understanding. Offered periodically.

Prerequisite: ML1300 or permission of Instructor.

## Chinese Courses

**ML1200-ML1210 Basic Chinese I-II 4 cr.**

Open to students with no previous, or limited, knowledge of Chinese. Each provides for acquisition of communication skills in Chinese and introduces writing. ML1200 offered in the fall and ML1210 in the spring.

Prerequisite for ML1210: ML1200.

**ML1250 Chinese for Business** **4 cr.**

A course designed for business majors to learn official Chinese language (Mandarin) will focus on the combination of language learning (3/5 of the course) and cultural understanding (2/5 of the course) in the context of business. Students will learn to speak and read Chinese with basic rules of pronunciation and grammar. Character writing will also be part of the learning. Students should be able to conduct simple conversations in a business setting and read and understand basic business terminologies in Chinese after the completion of one semester. No prior experience in the language required.

**ML3262 Chinese for Native Speakers** **4 cr.**

A course for students who have some knowledge of Chinese language (Mandarin) and who want to improve speaking and listening comprehension skills while learning more Chinese characters in both the simplified and traditional styles. Since the topic will change from fall to spring, students may take this course for credit twice (once in the fall and once in the spring). In the fall, the course materials will focus on business in China and in Chinese communities in America. Newspaper articles and other supplementary sources will emphasize the stock market, capital markets, trade, real estate, insurance, joint-ventures and general business practices. In the spring, the topic will be Chinese culture and literature. Students will read fiction, articles on popular culture from newspapers and magazines. Classic texts of Confucianism and Daoism will be part of the discussion. Documentaries and feature films will extend opportunities for listening and vocabulary enrichment. Music, both traditional and contemporary, will also be used. All sources will be in Mandarin. Students who want to take both semesters for credit may begin in either fall or spring.

## French Courses

**ML1000 - ML1010 Basic French Conversation I-II** **4 cr. ea.**

Open to students with no previous training in French. Each provides for acquisition of the communication skills in French, with special emphasis on aural comprehension and speaking. Students are also given the opportunity to achieve basic competency in reading and writing. Both courses are offered in the Fall and in the Spring.

Prerequisite for ML1000: No prior French, or not more than one year of high school French.

Prerequisite for ML1010: ML1000 or permission of ML faculty.

**ML2000 Intermediate French Conversation I** **4 cr.**

This course provides for a broadening and intensification of the four language skills (listening, speaking, reading and writing) in standard French. It is designed for students who have had at least 2 years of high school French or have some familiarity with basic vocabulary and structures. Offered periodically.

Prerequisite: ML1010 or permission of ML faculty.

**ML2010 Intermediate French Conversation II** **4 cr.**

Designed for students who wish to improve their ability to write in French, to expand their vocabulary and to lessen the interference of English in French oral communication. The course will offer a review of grammar and correct usage and intensive oral practice based on different topics related to French-Caribbean culture. Reading and writing assignments will help students sharpen their communication skills in standard French. Offered periodically.

Prerequisite: ML2000 or permission of ML faculty.

## Italian Courses

**ML1400 and ML1410 Basic Italian Conversation I-II** **4 cr. ea.**

Open to students with no previous, or very limited, knowledge of Italian. Each provides for acquisition of communication skills in Italian, with emphasis on aural comprehension and speaking. Students will also develop basic competency in reading and writing. ML1400 offered in the fall and ML1410 in the spring.

Prerequisite for ML1400: No prior study of Italian, or not more than one year of high school study.

Prerequisite for ML1410: ML1400 or permission of Instructor.

**ML3450 Italian Cinema: From Neorealism to the Present** **4 cr.**

This course will study chronologically the various movements that have marked modern Italian cinema, with a special focus on the period known as Italian Neorealism. We will examine historical contexts, discuss varying directorial approaches, and evaluate critical statements during class discussions. Offered periodically.

## Sign Language Courses

**ML1150 American Sign Language I** **4 cr.**

An introduction to American sign language, the natural language of the deaf community in the United States and Canada. Focuses on conversations in sign, basic rules of grammar and aspects of the deaf community. Offered in the summer.

**ML1160 American Sign Language II****4 cr.**

Continuation of basic American sign language and deaf culture study, with opportunities to build receptive and expressive sign vocabulary and phrases; use of signer space; social expressions and body language; introduction to fingerspelling. Offered in the summer.

Prerequisite: ML1150.

## MUSIC AND DANCE COURSES

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**MD1000 Music of Global Cultures I****4 cr.**

An introductory course focused on understanding and exploring the meaning and art of traditional and popular music and global cultures. This course presents music from diverse cultures examining historical perspectives and their impact on society. Students will be introduced to basic rhythms, melodies and harmonies. Cultures on focus include introduction to the music of Africa, Europe, Asia and the Americas. Course will include review of videos, films and recordings.

**MD1010 Music of Global Cultures II—An Interactive Course****4 cr.**

The course will focus on the relationship of music to the cultural and social environments of diverse communities. Music will be examined as a rhythmic newspaper creatively expressing the voice of culturally diverse communities seeking to inform and contribute to the mosaic of civil society. Working with professional musicians, students will be introduced to music theory, basic reading, writing and composition. Cultures on focus include expanded introduction to the music of Africa, Asia, Europe and the Americas. Course will include review of videos, films and recordings.

**MD1100 Traditional and Popular Dances of Global Cultures****4 cr.**

This introductory dance course bridges the disciplines of music, song and dance, exploring the ways in which tradition and popular dances transmit meaning and contribute to an understanding of cultural diversity. The basic dance course focuses on healthy alignment principles that strengthen the body. The course will emphasize the dance techniques of diverse societies of Africa, Europe and the Americas. Cultures on focus include introduction to the music of Africa, Europe, Asia and the Americas. Course will include review of videos, films and slides.

**MD1110 The Culturally Diverse Language of Dance—The Anatomy of Movement****4 cr.**

Dance embodies the language of culture through movement. This introductory course examines the role of dance in articulating the human rights of diverse cultural communities. The historical global dance survey will focus on the societal conditions that created and influenced different dance styles and movements. Working with professional dancers and musicians, students will study dance history, improvisation and basic dance composition. The interactive dance survey will include the cultures of Africa, Asia, Europe and the Americas. Course will include review of videos, films and slides.

## POLITICS, ECONOMICS AND SOCIETY COURSES

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All course offerings are contingent on budgetary allocations, faculty resources and enrollment figures and unless otherwise indicated, are offered in accordance with student demand.

**PE1401 Introduction to Economics****4 cr.**

A survey course that begins with a brief examination of the evolution of the modern market economy and of the major schools of economic thought. The course progresses to an explanation of fundamental economic principles and concepts and to the study of some contemporary economic problems in the U.S. Offered every semester.

Prerequisite: ECI placement.

**PE1600 People, Power, Politics****4 cr.**

An introductory course that begins with an examination of the nature of power in different areas of human experience, and then proceeds to look at power issues related to lawmaking, governmental institutions, and political participation both inside and outside of those institutions. The course is intended to illustrate the various sources of power that people possess to bring about political and social change. It draws on current events in order to better illustrate the topics discussed. Offered every semester.

Prerequisite: ECI placement.

- PE2220 Introduction to Urban Issues** **4 cr.**  
 An examination of various perspectives on urban areas and of important urban issues, including social problems of minority communities, housing and public services. Offered every semester.  
 Prerequisite: EC I placement.
- PE2240 Introduction to Latin American Studies** **4 cr.**  
 This course presents an overview of the advanced levels of urban and scientific development before 1492. Changes in the continent's linkages to the world market led to the destruction of peoples and local economies, and greatly modified the many cultures during the nineteenth and twentieth centuries. The rise of domestic economies and "Latino" social classes and their contradictory relations to the emerging nation-states are illustrated by historical and contemporary case studies. Offered every semester.  
 Prerequisite: EC II placement.
- PE2420 Principles of Microeconomics (Equivalent to BU2420)** **4 cr.**  
 An introduction to neoclassical economic theory. Consumer and producer behaviors, price formation in the market and the role of the market in allocating resources and coordinating social production are among the topics covered. Offered every semester.  
 Prerequisites: MA1020, EC II placement.
- PE2430 Principles of Macroeconomics (Equivalent to BU2430)** **4 cr.**  
 An introduction to conventional macroeconomic theory, including the determination of national income, government taxing and spending policy, money and banking, unemployment, and inflation. Offered every semester.  
 Prerequisites: EC II placement.
- PE2650 Introduction to U.S. Politics** **4 cr.**  
 This introduction to power and politics in the U.S. explores the Declaration of Independence and the Constitution; public opinion, interest groups, social movements, and voting; the institutions of Congress, the Presidency and the Supreme Court; and the making of current policies. Emphasis is placed on issues of power, democracy, and political and social change. Offered every semester.  
 Prerequisite: EC I placement.
- PE3100 International Relations** **4 cr.**  
 Introduces principles of state-to-state relations, basic modes of resolving international disputes and the evolution of international organizations. The course emphasizes how each individual is related to global politics and encourages students to study and propose solutions to some of the most severe problems of human rights, national security and environmental survival. Offered every other semester.  
 Prerequisite: EC II placement.
- PE3201 Statistics (Equivalent to BU3201)** **4 cr.**  
 Surveys the basic topics of modern statistics, including descriptive statistics, probability theory, probability distributions, hypothesis testing, simple regression.  
 Prerequisite: MA1020.
- PE3400 Political Economy of the Third World** **4 cr.**  
 Analysis of the major political, economic and social problems of the Third World i.e., the nations of Africa, Asia, and Latin America and the Caribbean. The course traces broadly the history of colonialism and considers its impact on the postcolonial political economy of the Third World. Case studies may complement the general analysis. Offered every semester.  
 Prerequisite: EC II placement.
- PE3410 Contemporary U.S. Political Economy** **4 cr.**  
 This course is designed to familiarize the student with the workings of the economy within a class and institutional context. Focuses on the economic history of the United States from the perspective of competition between firms, management/worker relations and the involvement of the state in the economy. Offered every semester.  
 Prerequisite: EC II placement.
- PE3425 Economic Analysis-Micro** **4 cr.**  
 An in-depth study of price theory. Develops and redefines the neoclassical principles presented in PE2420. Emphasizes the application of economic theory to public policy making.  
 Prerequisite: PE2420 or BU2420.
- PE3435 Economic Analysis-Macro** **4 cr.**  
 A detailed analysis of classical, Keynesian, monetarist, and rational expectation theories of income determination and growth.  
 Prerequisite: PE2430 or BU2430.
- PE3440 International Economics** **4 cr.**  
 The focus of this course is international trade theory and policy. It covers as well certain fundamental aspects of international monetary economics. The curriculum is designed to provide students with the basic skills required for an understanding and critical analysis of

the principal global economic issues facing the United States and the world today. Offered periodically.

Prerequisite: PE2420 (BU2420) or PE2430 (BU2430).

**PE3450 Women from a Global Perspective**

**4 cr.**

This course examines the various roles of women in the global economy, with particular emphasis on the international division of labor. It provides a class, ethnic and historical analysis of the study of women as part of economic and social change. Case studies of women in advanced capitalist and Third World nations show their increasing interactions. Offered periodically.

Prerequisite: EC II placement.

**PE3600 Global Geography: People, Places and Environments**

**4 cr.**

This multidisciplinary course focuses on the political, economic and strategic importance of geography from an international, cross-cultural and historical perspective. It highlights the contemporary global relationships between personal power, political power and geographic space for control over territory and natural resources, as well as other sources of wealth and influence. A wide and shifting range of topics are covered including energy security, military expansionism and the political economy of global warming and climate change. This course also introduces students to the use of data and critical thinking skills necessary to analyze the multinational geopolitical landscape and to sharpen their global awareness.

Prerequisite: ECII Placement.

**PE3610 Conflict and Revolution in the 20th Century**

**4 cr.**

Rapid changes in the global economy, the rise of 20<sup>th</sup> Century social movements as well as ethnic tensions have led to conflicts in various parts of the world. The different origins of the violence as well as the outcomes are the subject matter of this course. Case studies including the Middle East, Africa, Latin America and the Caribbean, China and the U.S. Civil Rights movements are used selectively to illustrate instances of rebellion.

Prerequisite: EC II placement.

**PE3690 City & Suburb: Political Action and Change**

**4 cr.**

A survey of city and suburban organization practices. Examines the role of the community organization in fostering local autonomy and as an agency for social, political and economic change in our cities and suburbs.

Prerequisite: EC II placement.

**PE3720 Long Island: Economy, Environment and Society**

**4 cr.**

Most Americans now live in suburban areas like Long Island. Since the Second World War and the building of Levittown, Long Island's economy has been transformed from an agricultural area to a bedroom community. Its natural amenity allowed the creation of a number of parks known world over. Since the seventies, the area has witnessed a boom in commerce and lately, of office space. The course covers the past and recent changes in this region.

Prerequisite: EC II placement.

**PE3750 Politics of Race and Class**

**4 cr.**

This course explores the intersection of race and class in the U.S., inquires into the relationship between race and quality of life, and examines limitations on the representativeness of the political system at federal, state, and local levels of government. Central to the course is the question of government responsiveness on issues of race and class. Particular attention is paid to the operation of U.S. political parties, to elections and voting, to legislative process and executive leadership, and to media performance in public debate. Delete: Offered periodically.

Prerequisite: EC II placement.

**PE3850 State and Local Politics**

**4 cr.**

The course examines government and politics at the state and local level, with particular emphasis on New York State. It discusses issues in state and local government and the impact of the competing interests of the people of New York on public policy. It also explores the historical context and contemporary state of policy initiatives on issues such as criminal justice, welfare, health care, education, immigration, the environment and taxation.

Prerequisite: EC II placement.

**PE4100 International Organizations in the Global Economy**

**4 cr.**

Analyzes the historical development of international and regional organizations and the changing role they have played in the global economy. The genesis and evolving role of transnational corporations, the U.N., IMF, World Bank and the WTO all receive significant attention.

Prerequisite: Upper-Division standing.

**PE4150 Terrorism and Politics**

**4 cr.**

The class seeks to understand what terrorism is (and is not), and how new networks of political and religious activists differ strategically from those who used older forms of violence. Building on concepts of international law and organizations, we study both military and non-military approaches to ending terrorism. Students learn about relations between political power and how the suppression of democratic critique is related to terrorist violence. We ask: Does the curtailing of our freedom of expression, assembly and association, writ of habeas corpus and denial of legal representation help or hinder our efforts to end terrorist actions? Offered periodically.

Prerequisite: PE3100 is helpful, but class is open to any students with upper-division standing.

- PE4275 Applied Econometrics** **4 cr.**  
Builds on the knowledge and skills in statistics by the study of simple and multiple regression analysis to test empirical propositions in economics and to forecast economic time series. Students are also required to become fluent in the use of a statistics computer program.  
Prerequisite: MA2300, MA2310, PE3201 or BU3201.
- PE4280 Environmental Politics** **4 cr.**  
The course will begin by examining the crucial biophysical, economic, and social issues facing local communities and political leaders today. In the second part of the course students are brought through the history, organizations, interests groups, and processes that shape U.S. and international environmental policy. The latter will conclude with the current debates that inform policies and negotiations within such institutions as the WTO, United Nations and agreements such as NAFTA. Students will be assigned examples of communities that have confronted environmental problems and they will research the processes by which those communities addressed them.  
Prerequisite: Upper-Division standing.
- PE4409 Urban Economics** **4 cr.**  
This course examines the evolution of cities and metropolitan areas as centers of production and the relationship of urban economics to regional, national, and international economics. Attention is paid to the failure to meet the needs of significant numbers of people in urban areas. Offered periodically.  
Prerequisite: Upper-Division standing.
- PE4455 Economic Development** **4 cr.**  
A comparative study of economic development strategies and problems of Third World countries. The course will locate the application of development strategies in different institutional and political settings. The implication of debt repayment on economic development will also be examined.  
Prerequisites: PE3400 and Upper-Division standing.
- PE4460 International Finance** **4 cr.**  
Surveys three areas: international financial markets; open-economy macroeconomics; and international monetary systems and policy. Specific topics include position taking, arbitrage, parity conditions, international banking, monetary and fiscal policy, capital mobility, fixed and flexible exchange rates, the gold standard, Bretton Woods, and the current "free market" international monetary order.  
Prerequisite: PE2430.
- PE4470 History of Economic Thought** **4 cr.**  
Surveys both the central tenets and the divergences among various schools of economic thought, e.g., classical, American institutionalism, Keynesianism, etc. The relationship between economic ideas and their social contexts is emphasized. Offered every other semester.  
Prerequisites: PE2420 (BU2420), PE2430 (BU2430) or Upper-Division standing.
- PE4580 Origins of the Capitalist Economy** **4 cr.**  
Studies the economic and social origins of the modern world, from different intellectual perspectives. Topics include antiquity, feudalism, the emergence of capitalism, the Industrial Revolution, the French Revolution, the spread of capitalism, the development of underdevelopment in the Third World, monopoly capitalism and imperialism, the Great Depression. Offered every other semester.  
Prerequisite: Upper-Division standing.
- PE4590 Global Economy in the 20th Century** **4 cr.**  
This course explores the ongoing economic and political relationships among the advanced capitalist nations of the 20th century. The course includes a thorough review and analysis of the rise of the United States economy as the primary force shaping the international economy over the first two-thirds of the century. The development of a tripolar global economy (Asia, U.S. and Europe) in the latter part of the century is explored. Included in this section is the growing influence of multinational enterprises and financial capital on policies of the nation state. Offered every other semester.  
Prerequisite: EMS placement.
- PE4609 Public Administration** **4 cr.**  
Examines organizational theories and their application in public policy. Focuses on how decisions made at various levels of government are implemented in local urban and non-urban areas. Offered periodically.  
Prerequisite: Upper-Division standing.
- PE4620 Political & Social Thought** **4 cr.**  
Examines significant contributions to the development of western political thought from the Greeks to the 19th century. Explores in depth works by Plato, Machiavelli, Hobbes, Locke, Rousseau, Burke and John Stuart Mill. Offered every other semester.  
Prerequisite: Upper-Division standing.
- PE4650 Topics in U.S. Politics** **4 cr.**  
Examines the opposition and relationship between the private self and the public community. Special attention is given to the economic, cultural and social factors that contribute to this private-public dichotomy in U.S. politics. Offered periodically.  
Prerequisite: PE2650 or Upper-Division standing.

**PE4655 Constitutional Law and Politics****4 cr.**

This course examines the role of the Supreme Court in battles over representative government and struggles for power between political institutions. Emphasis is placed on cases dealing with separation of powers, federalism, economic regulation and property rights, elections and voting rights. Attention is given to the historical context of cases, the internal politics of the court and the political implications of court decisions. Offered periodically.

Prerequisite: Upper-Division standing.

**PE4658 Law and Civil Liberties****4 cr.**

Examines the historical development and philosophical and political underpinnings of constitutional civil liberties. Analyzes Supreme Court cases and other writings on such topics as freedoms of speech, press, religion, assembly, petition, and association; the right to privacy; police searches and seizures; self-incrimination; the rights to counsel and to fair trials; and cruel and unusual punishment and the death penalty. Offered periodically.

Prerequisite: Upper-Division standing.

**PE4659 Law and Civil Rights****4 cr.**

Examines the historical development and philosophical and political underpinnings of constitutional civil rights. Analyzes Supreme Court cases and other writings on discrimination based on race, ethnicity, gender, sexuality, and class, and discusses such topics as desegregation, affirmative action, voting and political representation, privacy, sexual harassment, Native American treaties, and welfare benefits. Offered periodically.

Prerequisite: Upper-Division standing.

**PE4660 Politics of South Asia****4 cr.**

Introduction to the politics of selected countries in the Indian subcontinent. The course will examine the origins of the independence movements. Major emphasis will be placed on post-independence politics, social and economic change. Offered periodically.

Prerequisite: Upper-Division standing.

**PE4665 Human Rights****4 cr.**

This course aims to provide students with a broad working knowledge of human rights as both an intellectual discourse and a realm of political action. The course examines: the emergence and institutionalization of human rights in the 20th century, human rights as a form of international politics, the difficulties in enforcing international standards as well as a specific analysis of a number of human rights issues. Offered periodically.

Prerequisite: Upper-Division standing.

**PE4690 Politics of Latin America and the Caribbean****4 cr.**

Analyzes the contemporary problems of political and economic change in selected countries of Latin America and the Caribbean over the course of the twentieth century to the present. Part of the course is devoted to U.S. relations with the region, and part is an in-depth study of one country. Offered every other semester.

Prerequisite: PE2240, PE3100 or PE3400, or Upper-Division standing.

**PE5990 Internship****4 cr.**

This internship will give students practical experience in the fields of public policy, legal affairs, economics as well as state and local governments. Students will be working in various public nonprofit advocacy agencies. The working hours and duration of the internship will be determined by the instructor and the agency. Students will be required to submit a journal and a portfolio of work at the end of the semester. This is an excellent opportunity for students to acquire training in their chosen area of specialization.

Prerequisites: Introductory courses in PES and permission of the instructor.

**PE9970 New York State Assembly Session Internship****15 cr.**

This is a fifteen-credit course that takes place in Albany every spring semester. It begins the first week of January and runs through the middle of May. Students work approximately 30 hours per week in the office of a member of the New York State Assembly and take one seminar course focusing on government and politics in New York State. The State provides a stipend to assist with relocation and housing. Enrollment is by application and is competitive. Application deadline: mid-October.

# PSYCHOLOGY COURSES

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All course offerings are contingent on budgetary allocations, faculty resources, and enrollment figures, and unless otherwise indicated, are offered in accordance with student demand.

**PY2010 Introduction to Psychology** **4 cr.**

A prerequisite to all other psychology courses. Based on methods and data of scientific psychology, this course investigates basic principles of behavior. The socio-cultural context in which humans develop is emphasized throughout. Areas of psychology to be covered include neurophysiology, cognition, learning, developmental, social, personality, and abnormal. Offered every semester.

Prerequisite: EC I placement.

**PY2340 Community Psychology** **4 cr.**

This course focuses on the application of psychological concepts to the development and provision of general medical and mental health services. The community psychology movement, including the emphasis on prevention, community involvement, the development and integration of community service programs, community networking, the use of paraprofessionals and deinstitutionalization, is presented and analyzed. The impact of social class, culture, gender, ethnicity and the economics of health care delivery are central concerns of the course. Models developed to increase community health service utilization are presented and discussed. Students are required to visit a community service delivery center, conduct a literature search, and write a paper on a related topic. Offered once a year.

Prerequisite: EC I placement.

**PY2530 Psychology of Prejudice** **4 cr.**

This course explores the impact of prejudice as a psychological process. Its effects as they manifest in racism, ethnocentrism, sexism, heterosexism and prejudice against the disabled will be discussed. Institutionalization of these patterns and similarities and differences between these concepts are examined. Students will explore their own understanding, experience and perpetuation of situations of prejudice.

Prerequisite: EC I placement.

**PY2720 Psychology of Gender** **4 cr.**

An introductory-level psychology course which examines the biological and sociocultural correlates of sex and gender. The attitudes, self-concepts and societal roles of men and women are explored through research findings, film, selections from current literature, and reflections on personal experience. The complex interplay of culture and social class on gender roles are examined. Race, ethnicity, and sexual orientation are included in readings and discussion. Analytical and critical thinking skills and communication of ideas are emphasized throughout the course.

Prerequisite: EC I placement.

**PY2730 The Psychology of Peoples of African Descent in the United States** **4 cr.**

This course focuses on the psychology and mental health of peoples of African descent in the United States. The treatment of peoples of African descent in research and theoretical literature are critically analyzed, especially in relation to racial identity, self-concept, strengths, resilience, and family dynamics. The impact of public policy, socio-cultural context, social class, gender, sexual orientation and ethnicity on psychological functioning is central to the course. Small group projects and activities are used to enhance multicultural communication and collaborative learning. Offered every other year.

Prerequisites: EC I placement.

**PY3110 Research Methods I** **4 cr.**

Introduces the student to the basic research methodologies in psychology. Combining lecture and laboratory exercises, students are exposed to experimental and non-experimental research paradigms. Emphasis is placed on the process of scientific inquiry in general, and the concepts and terminology of psychological research in particular. Ethical considerations of psychological research are explored. Discipline-specific library skills and the critical reading of the professional literature are emphasized. The student learns to write psychology papers according to the guidelines of the American Psychological Association. This course meets the General Education requirement for Writing in the Disciplines. Offered every semester.

Prerequisites: PY2010; EC II placement.

**PY3120 Research Methods II: Basic Statistics for Psychologists** **4 cr.**

An introduction to statistical methods. Topics include descriptive statistics (measures of central tendency and dispersion, correlation) and basic inferential statistics (sampling distributions; t-tests; chi squared test). Emphasis is on both the underlying conceptual framework of statistical analysis and on carrying out simple statistical procedures. Offered every semester.

Prerequisites: PY2010, PY3110, EC II placement; math proficiency required, MA1020 recommended.

**PY3130 Internship in Applied Psychology** **4 cr.**

In this course, students, in conjunction with the instructor, select a field internship placement to which they must commit 100 hours. In addition, for every day in the field, they must take field observation notes equivalent to two typewritten pages in the form of a journal. A final paper analyzing some aspect of the field experience and their own personal growth related to psychological theory is required.

(5-7 pages). Individual readings are assigned as related to each particular placement and are chosen by student and faculty. A wide range of placements is allowed. Individual directed research is also an option. Offered according to demand.

Prerequisites: PY2010, and any two psychology courses.

**PY3210 Infancy and Early Childhood**

**4 cr.**

Examines human development from conception through the pre-school years. Major theoretical models and research methods will be discussed. Topics include genetics, pre-natal period, attachment and the infant-parent relationship, biological, motor, cognitive, language and gender identity, development, and aggression and empathy. The impact of socioeconomic background, family and peers will be explored. Offered once a year.

Prerequisites: PY2010; EC II placement.

**PY3220 Middle Childhood and Adolescence**

**4 cr.**

This course examines research and theories on physical, cognitive, personality and social development in humans from six years through adolescence. Topics include the self and identity, family, peer groups, schools and the media. The impact of socioeconomic background, culture, race and gender will be analyzed throughout. The application of theories and research for parents and educators and current issues and policy debates will be discussed.

Prerequisites: PY2010; PY3210 recommended; EC II placement.

**PY3230 Adulthood & Aging**

**4 cr.**

This course explores psychological development in the social context from early adulthood to old age. Personality theories and research methods as they apply to the study of aging are reviewed. Life cycle changes in family and work structure and roles are discussed. Additional topics include demographics, coping and successful aging, friendship and community and death and dying. The impact of gender, culture and race and socioeconomic background are examined throughout.

Prerequisites: PY2010; EC II placement.

**PY3240 Practicum in Early Childhood**

**4 cr.**

This course will focus on development during toddlerhood and the preschool years. Lectures and discussion will center on cognitive, psychological and social development during early childhood, with selected topics to include environmentally-based skills development, management of problem behaviors and child abuse. This course will also include a practicum component, where students will be required to spend at least four hours a week in an early-childhood setting, such as a daycare or preschool. Minimum practicum requirements include keeping a journal and a term paper. This course is highly recommended for students who are interested in early child development, who plan on working with very young children, who plan on counseling young children, and/or who are majoring in early childhood education.

Prerequisites: PY3210 or a course in infant/child development.

**PY3310 Abnormal Human Behavior**

**4 cr.**

Explores mental illness and other forms of abnormal behavior. In addition to surveying individual diagnostic categories, the course examines various explanations of mental illness (biological, psychodynamic, behaviorist, cognitive, and sociocultural), and issues of diagnosis, assessment, and treatment. Offered every semester.

Prerequisites: PY2010; EC II placement.

**PY3320 Peer Counseling**

**4 cr.**

This course is a blend of scholastic study and practical training in precise questioning and listening skills. Students are educated in approaches to counseling and are trained to become proficient at entering into trained supportive relationships with their peers in a wide range of student-generated counseling services. Offered on demand.

Prerequisites: PY2010; EC II placement.

**PY3330 Dynamics of Alcohol and Other Drug Addiction**

**4 cr.**

This course presents addiction and recovery as a function of the dynamic interaction among biological, psychological and environmental factors. Addiction is discussed as neuropathy, psychopathology and maladaptive behavior. The basics of behavioral psychopharmacology are presented and discussed with regard to prescribed and self-administered drugs. Emphasis is placed on the role of personality in addiction from a psychodynamic/interpersonal perspective. Treatment and rehabilitation strategies developed out of this model as well as those developed out of cognitive-behavioral, 12-step, and psychopharmacological models are presented and integrated. Field visits to appropriate self-help groups and treatment centers may be required.

Prerequisites: PY2010; EC II placement.

**PY3340 Behavior Modification**

**4 cr.**

This course will consist of in-depth discussion of concepts and principles of behavior change, and their application in various settings (such as clinical, home, school and work settings). Cognitive-behavioral methods will also be discussed. Special emphasis will be placed on behavior change procedures, with numerous illustrations and some opportunities for students to practice the principles. Offered once a year.

Prerequisites: PY2010; EC II placement.

- PY3410 Memory and Cognition** 4 cr.  
Theoretical, conceptual and empirical issues in cognition will be examined from an information processing perspective. The course also includes a survey of neurophysiological aspects of perception, memory and cognitive processes. Offered once a year.  
Prerequisites: PY2010; EC II placement.
- PY3420 Learning and Motivation** 4 cr.  
Explores major theoretical and empirical issues in the area of learning, classical and operant conditioning, and examines the role of motivation and emotion in learning. The course also surveys physiological, psychoanalytic and social learning theories of motivation and emotion. Offered once a year.  
Prerequisites: PY2010; EC II placement.
- PY3500 Junior Seminar: Preparation for Professional Studies** 4 cr.  
This seminar introduces Junior level students to the steps, requirements and responsibilities of preparing for admission to graduate education in the mental health and allied educational counseling fields open to those who successfully complete a major in psychology. Students will be required to attend the course for two weekly sessions for 15 weeks. They will prepare and read materials relevant to the content of the seminar, aided in the preparation of portfolios and resumé's intended to support their successful preparation of applications and be introduced to strategies for Graduate Record Exam preparation. Offered according to demand.  
Prerequisites: PY2010; 24 cr. in Psychology; permission of instructor.
- PY3510 Social Psychology** 4 cr.  
Analysis of central issues and research methods including attitude formation and change, motivation and communication, interactions in group settings, group conflict, aggression and violence, social control, language and media, the individual and society. Confronting social norms and roles, conformity and social influence will also be explored. Offered once a year.  
Prerequisites: PY2010; EC II placement.
- PY3520 Group Process** 4 cr.  
This is a course that combines theoretical work with experience in group setting. Theory and research on such variables as role differentiation, leadership formation, group size, stages of group development, patterns of communication, and the different functions and uses of groups will be explored. Experience in the group process will be included. Offered every other year.  
Prerequisites: PY2010; PY3510 recommended; EC II placement.
- PY3530 Forensic Psychology** 4 cr.  
Forensic psychology is both a research endeavor and the professional practice of applying psychological information to legal issues. This course will discuss psychological research and practice concerning the following: the capacity to adequately parent, child custody evaluations, personal injury and psychological disability determinations, civil commitment assessment, dangerousness/risk assessment, specific intent and diminished capacity, competency to stand trial, assessing psychological suitability for police work and, psychological profiling.  
Prerequisites: PY2010, EC1 required; PY3310 recommended.
- PY3540 Environmental Psychology** 4 cr.  
This course examines the ways in which our attitudes and beliefs influence our use and abuse of the environment and the impact of the environment on our psychological functioning. Technological problems such as acid rain and smog are seen as rooted in social, political and economic structures and in our perceptions about the world. The environmental movement in the past twenty years is examined in its social and historical context and the traditional perspectives that are normally given to us to explain ecological crises are challenged. Offered according to demand.  
Prerequisites: PY2010; EC II placement.
- PY3550 Social Psychology of Work** 4 cr.  
Covers forms of industrial management, work satisfaction, theories of initiative, motivation and leadership, and focuses on the psychological issues raised by the relationship of organization of work to human need. Offered according to demand.  
Prerequisites: PY2010; EC II placement.
- PY3610 Brain & Behavior** 4 cr.  
An introduction to biological psychology. Topics covered include the structure and function of nerve cells, brain anatomy, psychopharmacology, and the genetics of behavior. Complex behaviors examined include sleep, memory, speech, and emotional behaviors. Offered once a year.  
Prerequisites: PY2010 and either a second psychology course or BS2400; background in psychology or biology; EC II placement.
- PY 3620 Mood, Mentation & Medication** 4 cr.  
This course examines the use of psychoactive medication in the treatment of psychiatric disorders. Basic principles of psychopharmacology are presented. Brain/behavior relationships in normal and abnormal functioning are reviewed with respect to neurotransmitter pathways and the medications that affect them. Medication and psychotherapy integration is emphasized.  
Prerequisites: PY2010; PY3610 recommended; EC II placement.

- PY3740 Psychology of Latinos** **4 cr.**  
 Explores the social, psychological, political and historical factors that impact on the psychological development of the various Latino groups in the United States. Emphasis will be placed on understanding the unique issues affecting each Latino group as well as those issues common to all Latino groups. Offered every other year.  
Prerequisites: PY2010; EC II placement.
- PY4010 History of Psychology** **4 cr.**  
 A consideration of the major problems, ideas, and schools of thought which form the basis of modern psychological theories and methods. Ideas of structuralism, idealism, functionalism, psychoanalysis, behaviorism, will be discussed as they relate to the development of psychological theory. Original sources will be read and discussed. Offered according to demand.  
Prerequisites: PY2010; EMS.
- PY4020 Health Psychology** **4 cr.**  
 A broad, comprehensive review of theories, trends, research, and psychological interventions related to health and human behavior. Biological, psychological, and social factors involved in health issues will be discussed, along with a more pragmatic understanding of the connection between physical health and psychological processes and behavior. Specific health concerns to be discussed include stress and coping; cardiovascular diseases, cancer; diabetes, AIDS and other diseases of the immune system. The impact of socioeconomic status, race and ethnicity, and gender on health will also be examined. Offered once a year.  
Prerequisites: PY2010; EMS.
- PY4100 Research Methods III: Advanced Research Skills** **4 cr.**  
 A senior-level research course with an emphasis on discipline-specific library research, critical analysis of the psychological literature, and use of statistics to analyze data. Students conduct an experimental or non-experimental study, analyze the results and write up the findings according to the Publication Manual of the American Psychological Association. Offered every semester.  
Prerequisites: PY2010, PY3110, PY3120.
- PY4130 Field Experience and Research** **4 cr.**  
 Students engage in supervised field work in mental hospitals, clinics, hot-lines, and other psychologically oriented placements selected in consultation with program faculty. Meets as a seminar focusing on students' experiences as examples of applications of key psychological concepts. Students also learn to develop research hypotheses and produce a research design relevant to their field setting. Course requires 4 hours per week field placement taken concurrently with course. Offered every semester.  
Prerequisites: PY2010, PY3110; EMS; completion of at least 24 credits in psychology; student must consult with instructor at time of registration.
- PY 4210 The Exceptional Child** **4 cr.**  
 Presents a comprehensive introduction to childhood psychopathology. Major theories and research findings guide discussions of the various disorders of childhood and adolescence, and the treatment efforts aimed at ameliorating them. Atypical children and their behavior are viewed within the context of developmental processes, sequences and norms. Topics include pervasive developmental disorders, mental retardation, attention-deficit hyperactivity disorder; learning disabilities, anxiety disorders and eating disorders. The perspectives of parents and the role of schools in the process of assessing and classifying "special" children are examined. Offered once a year.  
Prerequisites: PY2010, PY3210 or PY3220; EMS.
- PY4230 The Psychobiology of Aging** **4 cr.**  
 Studies the physical, cognitive and neurological changes that take place during adulthood and in the process of aging and their impact on functional ability and disability. The physiological aging process as it interacts with gender and socioeconomic class is examined from a cross-cultural perspective, looking at both industrialized and developing countries. The changing needs of the individual in the context of these physical and cognitive changes are explored. Offered every other year.  
Prerequisites: PY2010; EMS.
- PY4310 Theories of Personality** **4 cr.**  
 A survey of the major theories of personality and personality development, including psychoanalytic, behaviorist, cognitive, existential, and sociocultural theories. Offered once a year.  
Prerequisites: PY2010; EMS.
- PY4320 Counseling Psychology** **4 cr.**  
 Counseling is a process whereby various models of therapy are used to treat human problems that do not require a reorganization of the personality. This course is intended to be a survey of the nature of the counseling process. Screening, intake procedure, diagnosis, treatment planning, treatment models, and termination of treatment will be considered. The student who takes this course can be expected to gain the skills necessary for entry level agency interviewing positions. Offered once a year.  
Prerequisites: PY2010; EMS; PY3310 or 4310 recommended.
- PY4340 Tests & Measurements** **4 cr.**  
 Examines the major approaches to psychological and psychoeducational testing, including assessment of intelligence, school achievement, and personality. Considers appropriate uses of testing, potential abuses, bias testing, and other sociocultural issues relevant to testing.

Issues of test construction, reliability, validity and utility are discussed. Offered every other year.

Prerequisites: PY2010; EMS; PY3120 highly recommended.

**PY4350 The Psychology of Violence 4 cr.**

There is an epidemic of violence in the United States. This course will use a multidisciplinary approach to explore the multiple factors which cause and perpetuate violence in both public and private settings. The impact of television and other media, institutional racism, sexism and heterosexism on the incidence, prevalence and experience of violence will be investigated. A range of violence prevention programs will be studied. Offered once a year.

Prerequisites: PY2010 and one other 3000-level psychology course; EMS.

**PY4410 Educational Psychology 4 cr.**

This course focuses on the psychological issues that are related to effective teaching and learning. Recent research in cognitive science is used to review the development of cognitive and meta-cognitive skills, language learning, reading and mathematical skills and strategies from the perspective of classroom strategies and practice.

Prerequisites: PY2010, PY3410, or PY3420; EMS.

**PY4520 Family Dynamics 4 cr.**

This course studies family structure, process and assessment from various perspectives such as psychoanalytic theory, family systems theory, and Afrocentric theory. The impact of culture, race, sexual orientation, social class, disability and institutional oppression on family functioning and family style are examined.

Prerequisites: PY2010 and one other 3000-level psychology course; EMS.

**PY4560 Psychological Traumatization: Causes, Consequences, Prevention and Treatment 4 cr.**

The psychological impacts of violence (e.g., assault, war, terrorism) and natural and human-caused disasters (e.g., hurricanes, earthquakes, motor vehicle accidents, industrial accidents) on individuals, families, and communities are widespread and devastating. This course explores current understandings of the causes, symptoms, and psychological and biological mechanisms of psychological "traumatization." The course will also examine social and psychological sources of the events that cause traumatization and community response to large scale disasters and violence and will seek to place the current interest in traumatization in historical and cultural perspective. Offered according to demand.

Prerequisites: PY2010; PY3310 or PY4310; EMS.

**PY4610 Clinical Neuropsychology 4 cr.**

This course is intended to give an in-depth and extensive survey of the assessment, diagnosis, and treatment of pathologies such as schizophrenia, depression and Alzheimer's Disease. The course will examine the neuropsychological bases of clinical pathology, the mechanism of drug action, and an introduction to clinical testing procedures. Offered according to demand.

Prerequisites: PY2010, either a second psychology course or BS2400; PY3610 recommended; EMS.

**PY 4720 Psychology of Women 4 cr.**

An advanced course in the development of girls and women's gender identity and the relevance of psychological theory and research to women's political and socio-economic status and to agendas for change. The perspectives of women from diverse racial, cultural and socioeconomic background and with varying family relationships and sexual orientations will be included. Selected topics may include biological development, work, friendship, aging, the media, gender differences and violence and abuse.

Prerequisites: PY2010 and one other 3000-level psychology course or a Women's Studies course or permission of Instructor; EMS.

**PY4730 African-American Family Dynamics 4 cr.**

This course will explore the historical, social, political, and psychological factors which have an impact on the development and functioning of African-American families in the United States, with a focus on patterns of interaction. Emphasis will be placed on the strengths, adaptability and healthy functioning of these families. Research and media representations will be critically analyzed. Public policy issues will also be discussed in detail. Offered according to demand.

Prerequisites: PY2010 and one other 3000-level psychology course; EMS.

**Senior Seminars**

All the 5000-level courses fulfill the requirement for Senior Seminar. These courses may be taken after students complete at least 24 credits in psychology; recommended to be taken concurrently or after completion of PY4100 or PY4110; EMS is required. At least one 5000-level course is offered every semester.

**PY5210 Topics in Developmental Psychology 4 cr.**

An in-depth examination of original articles and books on research and theory about specific periods such as infancy, early childhood, middle childhood, adolescence, adulthood and later life. Through the interaction of biological, cognitive, social and psychological factors, the impact of race, culture, gender and socio-economic background will be explored. Topics may include research methods, educational policies, moral behavior, identity, relationships and work.

Prerequisite: Course in developmental psychology is recommended.

**PY5310 Approaches to Psychotherapy 4 cr.**

A critical analysis of approaches to psychotherapy. Theoretical and practical issues are discussed in the seminar covering major applications of psychological theories to the practice of psychotherapy. Novel theories and techniques are considered, as well as more traditional models.

**PY5320 Advanced Issues in Clinical Psychology 4 cr.**

An in-depth examination of selected current topics in clinical psychology. Topics include developments in personality theory, applications of personality theory to clinical practice, current theories of psychopathology and its treatment, trends in psychological assessment, and trends in mental health policy.

**PY5330 Topics in Personality Theory 4 cr.**

An in-depth examination of selected topics in personality theory. Topics may include psychometric issues in personality measurement, classification of personality disorders, psychodynamic theory of personality development and change, cross-cultural issues in personality theory, clinical personality assessment and the interface between personality and family and sociocultural context. This course is organized around the development, diagnosis and psychotherapy treatment of personality disorders. Students conduct a literature search and write a substantial paper in the area of the psychology of personality, which is presented in class.

Prerequisites: PY3110 and PY3120.

**PY5410 The Psychology of Language 4 cr.**

This course examines language and language functions from a cross-cultural perspective. Students are introduced to the elements of psycholinguistics, neurobiology of language processing and comprehension, and the development and evolution of language systems.

**PY5510 Advanced Issues in Social Psychology 4 cr.**

This course will focus on areas of theory and research of current concern to social psychologists including the effects of rapid social transitions on the nature and content of psychological investigation. Content that may be covered in this course includes: rapid changes in technology and their impact on work and family, modern trends in the socialization processes within family and social institutions, communication and impact of media on social behavior, leadership, social conflict and group functioning, social power and persuasion.

**PY5520 Families & Public Policy 4 cr.**

This course will focus on the impact of public policy on family structure and functioning. Policies related to education, child care, public assistance, housing and health care are among some of the issues which will be explored. Research in these areas as well as efforts being made by various organizations and advocacy groups to impact on public policy decisions will be critically examined.

**PY5610 Research Perspectives in Neuropsychology 4 cr.**

This course explores current research into the biological substrates of normal cognitive functions such as memory, learning, attention and language and also of pathological states such as depression, schizophrenia and dementia. Other topics of review and discussion include the neuropharmacology of psychoactive drugs, neuropsychological assessment and evaluation techniques and other forms of intervention.

Prerequisite: BS2400 or PY4130 or PY4610 recommended.

**PY5770 Cross-Cultural Psychology 4 cr.**

This course explores the impact of culture and cultural difference on the psychotherapeutic relationship. Culture will be defined broadly to include issues such as race, gender and sexual orientation. Basic interviewing and counseling skills will be introduced. Senior level psychology majors will be expected to discuss their feelings and understanding of various theoretical approaches as they negotiate role plays of counseling culturally diverse clients.

Prerequisite: PY2530 or PY4320 recommended.

**PY9000 Teaching Assistant/Peer Tutor 2-8 cr.**

The TA program provides a peer support system for students enrolled in the research methodology courses. TA's provide one-on-one tutorial assistance with the conceptual and writing skills relevant to the research sequence. TA's actively participate in course-related activities such as library research, assisting with in-class activities, and preparing mini-lectures to present in class. Tutorial and meeting hours are arranged by the instructor. Credits offered range from a minimum of 2 to a maximum of 8, and are dependent on instructional need.

Prerequisite: Recommendation of Instructor.

# SOCIOLOGY COURSES

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All course offerings are contingent on budgetary allocations, faculty resources and enrollment figures and, unless otherwise indicated, are offered in accordance with student demand.

## **SY2500    Introductory Sociology** **4 cr.**

Introduces basic concepts and perspectives in sociology. Such major social institutions as the family, education, politics, law, media, and religion are examined, together with such social processes as socialization, social change, social control, and social stratification. In addition, the course surveys some of the research methods and social theories in sociology. Designed as a general interest and general education course. Required for sociology and criminology majors. Offered every semester.

Prerequisite: EC I placement.

## **SY 2570    Statistics for Social Sciences** **4 cr.**

This course provides a basic understanding of statistical logic and methods for application to social science questions and research. Areas covered include basic mathematical representation of data, graphing, correlation analysis, algebraic formulas, and linear regression. Students will gain experience using the Statistical Program for the Social Sciences (SPSS) for both descriptive and predictive analysis of data suited to quantitative analysis. Offered every year.

Prerequisites: MA 0500 or equivalent, EC II Placement.

## **SY3550    Social Problems** **4 cr.**

Examines the historical and contemporary roots of critical social problems such as poverty, unemployment, ecological despoliation, delinquency, population growth, etc. Also of concern are the social policies directed toward these problems and an examination of their present and future consequences. Offered every semester.

Prerequisite: EC II placement.

## **SY3600    Social Deviance** **4 cr.**

Examines the patterns of deviant behavior in American society. Concentrates on the social construction of deviance: how various deviant labels are defined and applied (e.g. crime and mental illness) and the social consequences for those labeled. Students will also study the uses of moral, legal and medical models as fundamental ways of understanding both deviant behavior and the societal response to deviants. Offered every year.

Prerequisite: EMS.

## **SY3630    Political Sociology** **4 cr.**

Examines the social structures and processes related to participation in the political life of society. Explores the problems the political order poses for different social classes and how institutions of power and authority are maintained in efforts to foster control and legitimacy. Offered every year.

Prerequisite: EMS.

## **SY3700    Family and Society** **4 cr.**

Through historical and comparative analysis, studies the connection between courtship and marriage patterns and different economic systems. Students examine the emergence of the modern family system, changing patterns of mate selection and courtship and the relationship between general assumptions about sex roles and role allocation in marriage itself. Comparisons are drawn across cultures and across class, race and ethnic groups in American society. Offered every year.

Prerequisite: EMS.

## **SY3800    Sociology of Minorities** **4 cr.**

Emphasizes the history, social structure and culture of racial national, ethnic and religious minorities. Includes such minority majority processes as interracial and intercultural conflict, domination and adaptation, accommodation and assimilation. Causes and consequences of prejudice, racism and discrimination and some ways of reducing intergroup tensions are included as are alternative models for pluralistic societies such as "melting pots" or "mosaics." Offered every year.

Prerequisite: EC II placement.

## **SY3900    Social Movements** **4 cr.**

Social Movements provides an overview of the sociological models used to understand cycles of social protest in society. Discusses explanations of why and how disenfranchised groups, including labor, racial and ethnic minorities, students, women, gays, and the disabled, have used social activism and protest as a means of achieving economic and political rights. Government responses to protest are also examined. Offered every year.

Prerequisite: EMS.

## **SY4060    Poverty and Social Welfare** **4 cr.**

Examines the social bases of poverty in capitalistic societies. Such dimensions of the larger social system as depressions, unemployment, discrimination, automation, migration and education are explored both individually and as elements of a social structure that imposes a condition of poverty on a large segment of the population. The different forms of social welfare are examined, showing how social welfare

strategies are designed to benefit all levels of society. The impact of poverty on social groups and individuals and the ways in which they seek to cope with it are considered in terms of the social institutions in which they participate. The various efforts to reduce poverty, their social, ideological and political bases and their successes and failures are also considered. Offered alternate years.

Prerequisite: EMS.

### **SY4160 Sociology of Culture**

**4 cr.**

Provides a sociological approach to the study of culture. Material and non-material aspects of culture are explored through the study of language, science and technology, the various arts and media. Special attention is given to the culture-production process, the relationship of culture producers and consumers and the meaning of culture products in today's society. Debates about culture, culture policy, and culture change are analyzed in the course, and include the new research on visual culture and civic culture. Offered every year.

Prerequisite: EMS.

### **SY4260 Social Work: Theory and Practice**

**4 cr.**

Examines social work practice as a planned change process occurring within systems, i.e., one-to-one relationships, families, community groups. Provides a general overview of social work practice within the context of social welfare. Particular attention is paid to the structure and function of social welfare as an institution and to the development of concepts and techniques applicable to a wide variety of social work settings and situations. Addresses such issues as the types of opportunities in the field, necessary skills and the underlying value system. Offered every year.

Prerequisite: EMS.

### **SY4270 Internship in Social Work, Sociology and Criminology**

**4 cr.**

The internship program is designed for students who wish to develop practical skills and gain work experience in the fields of Social Work, Sociology and Criminology, integrating theory with professional experience. The students will have an opportunity to explore the professional world and to acquire training in their chosen area of specialization. The student in conjunction with the instructor will select a field internship placement and perform 90 hours of field work. Students meet regularly to discuss their experiences and progress. They will compile a portfolio of the work done on the internship and write a detailed report describing the agency and summarizing their work. The student will use psychological, sociological and criminological theories and research to explain complex social processes experienced during the field placement. Offered every year.

Prerequisites: EMS; Junior standing.

### **SY4280 Social Inequality**

**4 cr.**

This course analyzes the basic dimensions of structured social inequality, the unequal distribution of wealth, power, goods and services by class, race and gender. It studies different aspects of the impact of social inequality: for example, on environmental issues; social mobility; beliefs about the justice of inequality; social movements; crime, poverty and social policy. Offered every year.

Prerequisite: EMS.

### **SY4320 Population and Society**

**4 cr.**

The aim of this course is to provide a cross-cultural perspective on major population issues and problems. It involves an examination of national and world population trends and patterns, and their social, economic, and political implications. It will provide an introduction to major methods of demographic analysis and major components of population growth. A major emphasis is on the determinants and consequences of fertility, mortality and migration from a cross-cultural perspective with specific reference to countries in Europe, Canada, Latin America, Asia and Africa. The various population policies and their consequences are also considered. Offered every year.

Prerequisite: EMS.

### **SY4400 Social Psychology**

**4 cr.**

Introduces the social psychological theories of sociologists and anthropologists to show how culture and society shape and influence behavior. Focus is on theories of socialization, such as symbolic interaction, behaviorism, small group theories, perception, social exchange, etc. Consideration is given to cross-cultural examples. Offered every year.

Prerequisite: EMS.

### **SY4500 Cross Cultural Analysis**

**4 cr.**

The major aims of the course are to broaden student knowledge and perspectives of diverse cultures and the global society by using historical, anthropological, and sociological theories and methods. The course will review such social processes as socio-cultural evolution, development and revolution. We will do comparative analyses, and debate global issues and policies. The global issues include the environment, population, resources, and technology; global stratification, human rights, and peace and war in contemporary society. Offered every semester.

Prerequisite: EMS.

### **SY4520 Methods of Sociological Research**

**4 cr.**

Focuses on the basic concepts and principles of sociological research—both survey and non-survey techniques. Problems of data collection are reviewed, including ethical and political questions related to sociological research, hypothesis formation and testing, sampling, questionnaire design, observational skills, document study and ethnomethodology. Computer applications of sociological problems are reviewed and students are exposed to some of the most frequently used statistics in social research. Offered every semester.

Prerequisites: EMS, Math Proficiency.

- SY4530 Classical Sociological Theory** **4 cr.**  
 Introduces the central concepts and theoretical frameworks of the founding figures of classical sociological theory: Marx, Durkheim, and Weber. By reading primary work by each theorist as well as secondary sources, students will learn the content of the theories, the theorists' underlying assumptions, and the empirical bases of their analyses of society. Offered every semester.  
Prerequisite: EMS.
- SY4540 Contemporary Sociological Theory** **4 cr.**  
 Introduces modern developments in sociological theory. Students will read both primary and secondary contemporary theoretical writings, studying how modern theory builds on and diverges from classical theories. Major fields of contemporary theory that may be covered include: functionalism, conflict theory, neo-Marxist theories, feminist theory and critical race theory. The emphasis is on understanding how each theorist approaches his/her own realm of inquiry as well as the actual idea systems created. Offered every semester.  
Prerequisites: Successful completion of SY4530; EMS.
- SY4560 Field Research** **4 cr.**  
 Students are acquainted with contemporary qualitative research methods, including field research, participant observation and life history interviewing, historical and documentary research, content analysis of records, documents and other cultural products. Published articles and other works using qualitative methods are reviewed. Theory, techniques and ethical issues are explored. Offered when resources are available.  
Prerequisite: EMS.
- SY4570 Computers and Social Statistics** **4 cr.**  
 Provides students with an applied, social research experience, enhances or gives a first exposure to computer skills and offers introduction to statistical analysis using the Statistical Package for the Social Sciences (SPSS) and other statistical programs and microcomputers. Students construct their own research projects and analyze the data. Offered when resources are available.  
Prerequisite: EMS.
- SY4600 Social Programs, Planning and Policy** **4 cr.**  
 Analyzes formation of social policy, its effectiveness as applied to specific social institutions and programs, as well as the impact of these programs on their targeted population. Broader issues of social policy within the context of political economic systems and ideologies, as well as the general structure of the American "Welfare State," will be discussed, using cross-cultural comparisons. Offered every year.  
Prerequisite: EMS.
- PSY4651 Sociology of Communications and Media** **4 cr.**  
 The sociological perspective is used to study communications media in contemporary society. Special emphasis is given to the social, political, and economic contexts of mass media. The course looks critically at media production, producers, products and effects. Students will analyze and debate multi-media documents and learn to content analyze media images and texts. Offered every year.  
Prerequisite: EMS.
- SY4700 Sociology of Education** **4 cr.**  
 Explores the general process of socialization - the induction of individuals into their culture - and education in its broadest sense. Particular focus is on the schools, the institutions of learning and socialization. The multiple functions of these institutions, as well as their structure as organizations are examined. Offered every year.  
Prerequisite: EMS.
- SY4750 Medical Sociology** **4 cr.**  
 Explores the social forces influencing health and illness. The organization and distribution of medical services and professionals are analyzed from a sociological perspective, with an emphasis on care for the poor, minorities, women, the disabled, and the aged. Alternatives to the present system of medical care in the U.S. are discussed, particularly in the context of health and medical care in other countries. Offered every year.  
Prerequisite: EMS.
- SY4810 Law and Justice** **4 cr.**  
 This course focuses on the sociological understanding of how ideas of law and justice relate to issues of power, consensus, conflict and change in society. It examines the use of law as a tool in responding to different cultural groups in American society and examines the process and significance of judicial law-making under the U.S. Constitution, illustrated by case examples regarding first amendment guarantees of religious freedom and political dissent, and civil rights issues of race, nationality, gender, sexuality and disability. Offered every year.  
Prerequisite: EMS.
- SY4850 Urban and Suburban Sociology** **4 cr.**  
 Introduces a variety of sociological perspectives on urbanization and community formation. The history of urban development is traced in terms of major social changes contributing to and resulting from the rise of cities. The expansion of cities into metropolitan regions is examined in relation to social processes in urban areas. Select problems that have arisen out of the American urban experience are

considered together with such efforts to ameliorate them as urban renewal efforts and city and regional planning. Offered every year.  
Prerequisite: EMS.

**SY4999 Issues in Sociology 4 cr.**  
Gives students the opportunity to examine in greater depth the analysis and discussion of current specialized sociological work in the particular area defined by the instructor (as indicated in the schedule of classes). Offered every year. Students are permitted to take SY4999 Issues in Sociology for credit up to two times in which two distinct topics are covered.

Prerequisite: EMS.

**SY5990 Senior Seminar 4 cr.**  
This is the culminating senior-level research and writing experience for sociology and criminology majors. The course requires students to demonstrate the ability to apply sociological concepts and analysis to the study of a particular topic. To this end, each seminar will have a broad range of topics identified by the Instructor. The student will develop a research project within this range, and complete a major research paper. Offered every semester.

Prerequisites: Senior Standing, SY4500, SY4520, SY4530.

## VISUAL ARTS COURSES

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All course offerings are contingent on budgetary allocations, faculty resources and enrollment figures and unless otherwise indicated are offered in accordance with student demand.

**VA2000 Introduction to Art 4 cr.**  
Studio course designed to introduce first-year students to exercises that challenge their assumptions of the creative process. This course will begin to provide students with the basic visual and verbal vocabulary to proceed to the next level in the Visual Arts curriculum. The exercises will be completed using both, the fundamentals of basic art techniques such as drawing, painting, modeling and fabricating, and references from contemporary art currents. Required for all Visual Arts majors. Offered every semester. Satisfies General Education Domain 2 requirement.

Prerequisite: EC II placement.

**VA2010 Introduction to Creative Thinking 4 cr.**  
A must for students considering careers in advertising, publishing, communications or any other discipline regarding creative visual solutions. Students solve exercises designed to challenge the way we perceive reality through conditioning and stereotypes. A variety of skills are developed at the beginners level. The objective is to develop in the students the skills to make creative visual statements avoiding conventional thinking. Required for Art majors. Offered every semester. Previously called "Perception". Satisfies General Education Domain 2 requirement.

Prerequisite: EC II placement.

**VA2020 Basic Design 4 cr.**  
This studio course deals with the fundamental development of visual structures and the relationship among two, three, and four (time) dimensions. Through structured projects, beginning with point and visual rhythm, the course will explore line, plane, and color. Students will learn the fundamental principals to organizing these multi-dimensions as they relate to graphics, interior design, photography, etc. and how to make informed intelligent visual decisions. The relationship between the traditional crafts such as painting, sculpture and the new electronic media arts will be discussed and studied. Required for all art majors. Offered every semester. Satisfies General Education Domain 2 requirement.

Prerequisite: EC II placement.

**VA2030 Drawing 4 cr.**  
The process of art from idea to final product. The emphasis is on visual notations, especially drawings. Deals with planning and studying feasibilities before actually entering production, allowing students to work through an idea. Required for all art majors. Offered every semester. Satisfies General Education Domain 2 requirement.

Prerequisite: EC II placement.

**VA2400 Introduction to Photography 4 cr.**  
Beginning course for art-majors and non-art majors in photography. Emphasis is on photography as a system of visual and cultural representation. The history of photography and technical data are interspersed with shooting assignments and criticism. Basic darkroom instruction is included and students are expected to deliver printed photos of each assignment the following week. Students supply their own materials and should own a medium-quality 35-mm camera. Offered every semester. Satisfies General Education Domain 2 requirement.

Prerequisite: EC II placement.

- VA2500 Art History Survey I** **4 cr.**  
 This class begins with the history of Modern Art in 1750 in the context of the Enlightenment and the French Revolution. It covers the major movements in European Art from Neo Classicism, Romanticism, Realism, Impressionism, and Post-Impressionism. Artistic developments are presented within their historical and social contexts. We will study the changing role of art in society by considering the impact that dramatic political upheavals and the Industrial Revolution had on the idea and production of art. Offered once every year. Satisfies General Education Domain 2 requirement.  
Prerequisite: EC II placement.
- VA2510 Art History Survey II** **4 cr.**  
 This second part of the survey begins with the art of the twentieth century. It examines the many challenges to the definition and role of art that emerge from the major movements of the century such as Cubism, Surrealism, Dada, and Abstract Expressionism. The course traces the impact of photography, mass production, and politics on the role of art in our contemporary society. It also examines the split that occurs between artists who wish to make politically engaged art and artists who wish to make art for art's sake. Offered once every year. Satisfies General Education Domain 2 requirement.  
Prerequisite: EC II placement.
- VA2520 History of Photography** **4 cr.**  
 This course will study the chronological development of photography since its invention in the 19th century. We will review the principal developments of photography and its links with modernism. Recent developments in contemporary photography will be emphasized such as: photography and the emergence of postmodernism, photography and digital art, and mixed media environments. Offered occasionally.  
Prerequisite: EC II placement.
- VA3100 Visual Culture: Warhol to the Present** **4 cr.**  
 This course examines the role of art in a contemporary society inundated with visual imagery. We will situate the major art movements of the 1960s and 70s (Pop, Minimalism, Conceptual Art, and Performance) within the socio-historical context of the Civil Rights Movement and the Vietnam War. The course considers how contemporary art comments upon such diverse issues of race, gender and sexuality. We will also look at how the critic, the gallery, and the museum help to determine how art is defined. Required for all Art majors. Offered once every year. Satisfies General Education Domain 2 requirement.  
Prerequisite: EC II placement.
- VA3150 Primitivism and the Politics of Representation** **4 cr.**  
 This course examines the history of Western modern art's appropriation of the cultures and art of native peoples. We will look at artists such as Gauguin, Matisse, and Picasso, and movements such as Surrealism and Abstract Expressionism. We will examine the psychological and anthropological dimensions of primitivism and see how, historically, Modernism has been dependent upon the category of the "other". We will consider how this history emerges in contemporary art practice and how the legacy of primitivism lingers in popular culture, such as movies and advertising, continuing to contribute to racist imagery. Offered occasionally.  
Prerequisite: ECII placement.
- VA3200 Art Tutorials I** **4 cr.**  
 Art majors must meet in tutorial sessions with the instructor to discuss ongoing work in any media. Criticism is geared to development of self confidence in the creative process and to implement technical and productive solutions. All students are required to meet with collective faculty for collective criticism. Offered every semester. Required for all Art majors. (Teacher Education majors who have selected the Visual Arts concentration will learn to analyze the creative process as it relates to the classroom; how to conceptualize, and plan projects that explore creativity.) Offered every semester.  
Prerequisites: All foundation courses; EC II placement.
- VA3340 Introduction to African Arts** **4 cr.**  
 An introduction to the traditional and contemporary arts of the African continent. We will explore the relationship of the visual arts and the complex historical, cultural and religious context of traditional African societies. Parts of the course will be devoted to contemporary arts in post-colonial Africa, transnational development and the internationalization of African arts and aspects of Diaspora arts. Offered occasionally.  
Prerequisite: ECII placement.
- VA3350 Topics in Contemporary Art** **4 cr.**  
 This course examines recent trends and developments in contemporary art. It discusses contemporary art's relation to other cultural and political developments. Topics will vary dependent upon contemporary museum and gallery exhibitions in New York. Offered occasionally.  
Prerequisite: EC II placement.
- VA3380 Digital Video** **4 cr.**  
 Students will obtain a strong foundation in video editing on the Macintosh computer through instruction in digitizing video, analog vs. digital video, creating titles, superimposing tracks, using transitions and filters, storyboarding, sound editing and composing time using moving visuals and sound. Video editing will be done with Final Cut Pro software. Students will have their own computer workstations

and access to cameras, recorders, color scanners and printers. Offered every Fall.

Prerequisite: EC II placement.

**VA3400 Digital Imaging 4 cr.**

Photoshop is the most advanced computer photo imaging program available. The class deals with introduction to the mouse, tools, modes, scanning and hardcopy outputs. The concepts of manipulating the photograph are dealt with through a structured series of projects. This class is a must for anyone considering a career in communications, publishing, advertising and the visual arts. Class limited to ten students only. Offered every semester.

Prerequisite: EC II placement.

**VA3500 Studio Workshop 4 cr.**

A hands-on technical workshop which should be taken simultaneously with the Art Tutorial sequence. This course, which can be repeated, teaches art majors the techniques necessary to construct individual art projects. Students select, as necessary, from a variety of media, both 2-D and 3-D such as painting, print making, sculpture, low-fire ceramic, casting, etc. Offered occasionally.

Prerequisites: All foundation courses or permission of the Instructor; EC II placement.

**VA4200 Art Tutorials II 4 cr.**

(See description under VA3200 Art Tutorials I) Offered every semester. Required for all Art majors. (Teacher Education majors who have selected the Visual Arts concentration will focus on how to teach the creative process. Materials, techniques, and theory of criticism will be covered.) Offered every semester.

Prerequisites: All foundation courses; VA3200; EC II placement.

**VA4242 Print Design (formerly Desktop Publishing) 4 cr.**

The focus of this course is on page layout and design on the computer. Emphasis is placed on a creative approach to 2D design. The principle software used for the course is Adobe In Design with some exposure to Adobe Illustrator and Adobe Photoshop. These software applications are the tools for creative design for print. Students will obtain a strong foundation in desktop publishing through the use of typography, scanning, and book design. Offered every semester.

Prerequisite: EC II placement.

**VA4260 Interactive Web Design 4 cr.**

This course will cover design methods for creating interactive projects for the Web and CD-Roms using Photoshop, and Flash. Students will gain a comprehensive understanding of HTML (hyper text mock-up language), interface design and graphics protocol for publishing interactive sites on the Internet. Offered every Fall.

Prerequisites: VA4242 or VA3400; EC II placement.

**VA4265 3D Digital Design 4 cr.**

This course will cover 3D modeling and an introduction to 3D animation. 3D software will be taught as a tool for creating virtual 3D environments, 3D characters and object designs. The majority of the semester will focus on modeling spaces and objects. From these projects students will be introduced to methods of animating their models. Offered every Spring.

Prerequisite: EC II placement.

**VA4310 Clay Workshop 4 cr.**

Problems assigned to allow students a wide range of experimental possibilities in clay sculpture. Techniques include slab and coil building, casting and the firing of those projects. Offered occasionally.

Prerequisites: Foundation courses or permission of Instructor; EC II placement.

**VA4330 Life Drawing 4 cr.**

Familiarizes students with various perceptions of the body as depicted visually. The course not only deals with drawing the human body, but also with the relation of form and function and its design implications, the relation of body and objects usable by the body, the outer shell of the body and alternative structures to determine that shell. Live models. Offered once every two years.

Prerequisites: Foundation courses or permission of Instructor; EC II placement.

**VA4331 Advanced Drawing Workshop 4 cr.**

A second level drawing course that focuses on the development of drawing as a unique art form, allowing the student to ultimately make aesthetic decisions and stylistic choices on a secure technical basis. Drawing will be examined in its relationship to painting and sculpture, as well as design and performance notation. Various media possibilities include pen and ink, pencils and pastels, charcoal, oil sticks and graphite. First half of semester will focus on skills and techniques, second half on portfolio development. Course requires presentation of drawing portfolio for final grade. Students must provide their own art materials. Offered once every two years.

Prerequisites: Foundation courses or permission of Instructor; EC II placement.

**VA4340 Painting 4 cr.**

A studio course in which students who are serious about painting can concentrate on a particular style or medium and develop a body of work. Emphasis on developing a painting as part of the daily experience. The work should be ambitious enough so that it has to continue after the course is over. Offered once a year.

Prerequisites: Foundation courses or permission of Instructor; EC II placement.

**VA4390 Mixed Media 4 cr.**

A studio course offered to allow students to develop multimedia works using a variety of materials, found objects and techniques on any one piece. Wood, metal, ceramic, drawing and painting studios, and the necessary equipment for each studio, are available. Students are encouraged to investigate large scale, contemporary developments such as earth works, outdoor installations, documentation of events, performance, etc.

Emphasis is on preliminary drawings for production and presentation. Offered every other year.

Prerequisites: Foundation courses or permission of Instructor; EC II placement.

**VA4420 Sculpture 4 cr.**

Sculpture using welding, carving, casting, and fabrication techniques in a variety of materials: metal, wood, plaster, clay, plastic, etc. Instruction is oriented toward the creative process, as well as a technical proficiency, using a wide range of hand and power tools with an experienced shop supervisor. Offered once a year.

Prerequisites: Foundation courses or permission of Instructor; EC II placement.

**VA4460 Digital Animation 4 cr.**

This course will teach the principles of storyboarding, digital imaging, Stop-frame animation, Cel animation, Keyframe animation and sound. Utilizing Adobe Photoshop and Macromedia Flash students will conceptualize, design, draw and compose digital animations. Offered every Spring.

Prerequisite: EC II placement.

**VA4870 TV Production and Editing 4 cr.**

This is an introductory course that explains various methods of elementary editing on video. Participants learn how to edit on a basic 1/2" Offline system and also on a 3/4" Offline system by hands on training. Instruction is given on how to edit different types of television shows and the actual preparation of a commercial spot. Screenings of various films in conjunction with discussion on techniques used in editing. Offered every semester.

Prerequisites: VA3380, VA4380 or permission of Instructor; EC II placement.

**VA4880 Advanced TV Production and Editing 4 cr.**

This course is geared for the student who has basic knowledge of video. It is a more hands on postproduction class, which also allows the student to utilize both technical and aesthetic skills. Discussion on the use of video formats used in producing television shows and industrials and preparing edit lists for an on-line session. Students will work in small teams editing a trailer for a feature film and/or editing a commercial spot. Offered every semester.

Prerequisite: VA4870 or permission of Instructor; EC II placement.

**VA4900 Internship 4 cr.**

Students intent on becoming professional artists will use this Internship to work with an established artist. Students interested in peripheral art activities will use this Internship in a professional area close to his/her interest. Offered every semester. Required of all Art majors; 100 hrs. minimum.

Prerequisites: All foundation courses; EC II placement.

**VA5200 Art Tutorials III 4 cr.**

(See description under VA3200 Art Tutorials I) Offered every semester. Required of all Art majors. (Teacher Education majors who have selected the Visual Arts concentration will focus on research skills, delving into the value of the creative process in art, as it applies to problem solving, and the relationship of the creative process in art as it relates to other fields and disciplines.) Offered every semester.

Prerequisites: All foundation courses; VA3200; VA4200; EC II placement.

**VA5900 Senior Project 4 cr.**

Upon recommendation of the VA faculty and with the student holding a minimum GPA of 3.0 in Art Tutorials II and Art Tutorials III, the Student will create art work for an exhibition at the campus' Amelie A. Wallace Gallery.

Other Art Majors who have finished the Art Tutorial sequence, but are not recommended for a final exhibition, will instead write a final Senior Thesis. This thesis will address an art topic to be decided on, in consultation with the Visual Arts Faculty. Teacher Education majors who have selected the Visual Arts concentration will use Senior Project as an opportunity to assemble a final portfolio of sample art projects, a written journal of classroom observations and techniques and a research paper on the possibilities of integrating the art process into the classroom as a learning tool.

Seniors passing Senior Project – Art Exhibition will receive recommendations for MFA programs. Students choosing to graduate with a thesis will be recommended into MA programs. Offered every semester.

Prerequisites: VA3200, VA4200 and VA5200, approval by faculty after VA5200; EC II placement, Senior Standing.

**VA9990 Independent Study in Photography 4 cr.**

Students work on art project requiring photographic solutions. Students supply their own materials and should own a medium quality, 35 mm camera. Offered occasionally.

Prerequisites: All foundation courses; VA3200; EC II placement and permission of Instructor.

**VA9990 Independent Study in Video** **4 cr.**

Students work on art projects requiring video solutions, and supply their own tapes. Offered occasionally.

Prerequisites: VA3380; VA3200; all foundation courses; EC II placement and permission of Instructor

**VA9990 Independent Study in Art Gallery Management** **4 cr.**

Students participate in the development of the Amelie A. Wallace Gallery exhibition program learning, through direct experience and special projects, how to run an art gallery. Offered every semester. Can be repeated as Independent Study.

Prerequisites: Eight credits in art history, including VA3100 and permission of Instructor; EC II placement.

**VA9990 Independent Study/Internship in Darkroom Management** **4 cr.**

Student works closely with the professor in supervising all aspects of the darkroom. This ranges from scheduling other interns; allocation and distribution; of chemicals, supervision of darkroom equipment and repair of enlargers, etc.; researching photo supply houses; guiding students through technical problems. Offered every semester.

Prerequisites: Knowledge of photography required; VA3400 and permission of Instructor.