

SPA 225 *spring only*
Spanish for Business 3 cr.
Prerequisite: SPA 102 or permission of the instructor.

Using print, video, and electronic media this course offers students a practical knowledge of Spanish business terminology and procedures. It will introduce students to such topics (in Spanish) as commercial letter writing, telephone etiquette, filling out business forms, etc. Students will also learn how to deal with cultural aspects of the international business environment. Laboratory fee applies. Laboratory attendance required.

SPA 251 - 252 *SPA 251, fall only;
SPA 252, spring only*

Practical Spanish for Medical Personnel I-II 3-3 cr.
Prerequisite: For SPA 251: SPA 101 or equivalent.

Prerequisite: For SPA 252: SPA 251 or SPA 101 or equivalent.

A course for students in medical areas who wish to communicate effectively with Spanish-speaking people. It includes a systematic presentation of health-related terminology, and practice in using culturally appropriate Spanish in typical medical and hospital situations. Laboratory fee applies. Laboratory attendance required.

SPA 301 - 302 *SPA 301, fall only;
SPA 302, spring only*

Advanced Spanish I-II. . . 3-3 cr.
Prerequisite: SPA 202 or equivalent.

More complex grammar, enrichment of vocabulary, and improvement of proficiency in speaking, reading, writing, and translation, combining traditional methodology with a multimedia approach to literature and/or civilization. Class conducted in Spanish. Laboratory fee applies. Laboratory attendance required.

SPA 401 *alternate years, fall*
Introduction to Spanish

Literature I. 3 cr.
Prerequisite: SPA 202 or equivalent; SPA 301 or SPA 302 recommended.

Readings in representative works from the Middle Ages to the 17th century, supplemented by class discussion and student reports. Class conducted in Spanish.

SPA 402 *alternate years, spring*
Introduction to Spanish

Literature II 3 cr.
Prerequisite: SPA 202 or equivalent; SPA 301 or SPA 302 recommended.

Readings in representative works from the 17th century to the contemporary period, supplemented by class discussions and student reports. Class conducted in Spanish.

SPA 403 *alternate years, fall*
Introduction to Spanish-

American Literature I 3 cr.
Prerequisite: SPA 202 or equivalent; SPA 301 or SPA 302 recommended.

Readings in representative works from the pre-Colombian period to 1880, supplemented by class discussion and student reports. Class conducted in Spanish.

SPA 404 *alternate years, spring*
Introduction to Spanish-

American Literature II. 3 cr.
Prerequisite: SPA 202 or equivalent; SPA 301 or SPA 302 recommended.

Readings in representative works from the period of Modernism through the contemporary period, supplemented by class discussion and student reports. Class conducted in Spanish.

Geography (GEO)

GEO 101
Introduction to Geography . . 3 cr.

This course is an introduction to the basic concepts and techniques of Geography. Global patterns of and interactions among climate, landforms, environmental alteration, economic, demographic and cultural phenomena are stressed.

GEO 103
Human Geography 3 cr.

A survey of the global patterns and significance of human distributions. Demography and foodways, language and religion are the bases for identifying distinct regional cultures. Stress is placed on problems related to crowding, ethnicity, and alteration of the environment.

GEO 111
Directions in Geography . . 3 cr.

Co-requisites: Must be taken as part of a pre-programmed slate of courses that includes ENG 001 and/or RDG 001, and NCC 101.

This course explores important geographic topics and helps develop essential and general education skills. Topics include, but are not limited to, the agricultural, demographic, and industrial revolutions. Exercises involving maps, globes, graphs, slides, and quantitative data help prepare students for success in other geography courses and for college in general. Class size is limited and instructors are specially selected.

GEO 201
Geography of Europe 3 cr.

An examination of the physical and cultural landscapes of Europe, their causes and consequences. Attention is focused on the political, social, and economic developments over time that have created regional divisions from Iceland to the Russian border. The meaning of Europe's ethnicity and boundaries is stressed.

General Science Studies (GSS)

GSS 103
Science of Physics I. 4 cr.

Prerequisite: A high school course in elementary Algebra.

An introductory course designed for students with a primary interest in the humanities or physical education. The course goal is to achieve a conceptual understanding of the ideas of physics. The historical and philosophical background as well as the content of physics is studied. Laboratory exercises are designed to illustrate principles of scientific experimentation while deepening the understanding of physical areas. Laboratory fee applies.

GSS 104
Science of Physics II 4 cr.

Prerequisite: A high school course in elementary

Algebra. Note: GSS 103 is recommended, but not required for GSS 104. A conceptual course in physics dealing with waves, electricity and magnetism. 20th-century physics, the historical and philosophical background as well as the content of physics, will be discussed. Laboratory exercises are designed to illustrate principles of scientific experimentation while deepening the understanding of physical ideas. Laboratory fee applies.

GSS 106
Science of Sound and Music. 4 cr.

Fundamentals of mechanics, sound and acoustics, energy, electricity and magnetism with applications to music, musical instruments, sound systems and electronic music. The course material is developed descriptively and demonstrated experimentally. Laboratory fee applies.

GSS 108
The Science of Light and Color 4 cr.

This introductory course will focus on the nature of light and color. It will include not only the principles of geometric and physical optics but also general properties of waves and particles; the relation between light and matter; quantum theory and photons; light, heat, temperature and energy; and the conservation of energy. These physical principles will be applied to understanding color in art, vision, photography, holography, fiber optics, and atmospheric effects. The course will include many student investigations, in recitation as well as in lab, in order to emphasize the experimental nature of science. (3 lecture, 3 laboratory hours) Laboratory fee applies.

GSS 111
Science of Our World I . . . 4 cr.

An introductory laboratory science course designed for non-technically oriented students who desire an understanding of the capabilities, characteristics and methods of our modern technological society. Contemporary problems are discussed including such topics as air and water quality, waste management technologies, population dynamics, decision-making, principles of ecology. Laboratory techniques of simulation and modeling are developed to illustrate the topics discussed in lecture. Laboratory fee applies.

GSS 112
Science of Our World II. . . 4 cr.

Prerequisite: GSS 111 is recommended but not required.

A continuation of GSS 111 which includes additional topics such as electrical energy, noise pollution, light and laser applications, nuclear power generation, heat and thermal pollution. Laboratory modeling and simulation are utilized to aid in the understanding of the technology and the underlying science principles. Laboratory fee applies.

GSS 120
Science of Modern
Electronics 4 cr.

The course is designed for non-technical students and will provide a conceptual understanding of science related to electronic devices. The course details science fundamentals using a non-mathematical approach, then focuses the presentation to include applications in the area of electronics (entertainment, business, communication, home electronics). Aspects of sound, light, heat, and mechanics are included with applications in today's electronic world. Laboratory work will consist of hands-on experience with actual measuring devices. (3 lecture, 3 laboratory hours) Laboratory fee applies.

History (HIS)

HIS 101
History of Western
Civilization I 3 cr.

The course begins with a brief survey of the foundations of modern Western Civilization in the ancient and medieval world. The rise of individualism, humanism and science, the growth of the state, the emergence of the middle class and the beginnings of the age of liberal revolutions are discussed as ingredients in the birth of the modern world.

HIS 102
History of Western
Civilization II 3 cr.

The second half of Western Civilization considers the historical forces and events that shaped the world in the 19th and 20th centuries. The course examines revolutions, nationalism, industrialization, imperialism, war, and the clash of Nazism, fascism, communism, and democracy. Other major components consist of the decline of colonialism, the atomic age, the Cold War, contemporary world conflicts, and prospects for the future.

HIS 103
History of the United
States I 3 cr.

The course covers the broad spectrum of American life through a survey of American social, cultural and political events. Included are such topics as the rise of colonial America; the American Revolution; the early national period of Washington, Adams, Jefferson and Hamilton; the westward movement; and the antislavery movement which climaxes with the bitter struggle of the Civil War.

HIS 104
History of the United
States II 3 cr.

This second half of the American history sequence picks up the American story with the era of Reconstruction and moves on to mark the growth of industrial America, the expanding frontier with its Indian wars, the Progressive Era, the expansion of American foreign interests, the Great Depression, and the rise and image of modern America. Designed to reveal this nation's colorful and remarkable past in the modern era, the course seeks to examine the impact recent events have had on the creation of modern American society, culture, politics and world affairs.

HIS 105
The World Today 3 cr.

With its focus on the present, this course is designed to give students an understanding of the world they live in, how it was born out of the past and how it is creating the future. Recent international conflicts, social change and expectations of the future are explored in the framework of the nuclear age.

HIS 106
America Today 3 cr.

This course deals with America in the nuclear age, its recovery from World War II and its growing domination of the Western world. The course covers the dramatic changes in American society at home and its entanglements abroad in an effort to contain Russian and Chinese power. Domestic transformation of the Kennedy-Johnson period, the upheaval of Watergate, the Reagan "revolution," and contemporary issues in American life conclude the course.

HIS 107
A Pictorial Approach to
European History
Since 1500 3 cr.

The course offers a unique approach to European history using media as a major part of each class period. Slides and films of great masterpieces are used to illuminate selected historical periods giving the class discussions a visual impact not available in ordinary history presentations.

HIS 108 *fall only*
Honors History: Western
Roots I 3 cr.

This course traces the roots of Western Civilization beginning with a survey of the Judeo-Christian and Greco-Roman traditions and concluding with the Age of Enlightenment and revolutionary upheavals through 1789 that helped usher in the modern world. The course is designed for honors students only and includes extensive reading in primary and secondary source materials.

HIS 109 *spring only*
Honors History: Western
Roots II 3 cr.

This second half of Honors Western Civilization studies the development of the Western world from 1789 to the present. The course considers that great events and forces that have shaped our Atlantic world: revolutions, nationalism, industrialization, imperialism, war, and conflict between fascism, communism, and democracy to the present day. This course is designed for honors students only and includes extensive reading in primary and secondary source materials.

HIS 110 *spring only*
History of Contemporary
Africa 3 cr.

(Dual listed with AFR 143)
The study of African independence movements; discussion of the problems of post-independent Africa, such as nation building, strategies of development, education, pan-Africanism; and problems of democracy in southern Africa.

HIS 111
Turning Points: An
Introduction to History . . 3 cr.

Co-requisites: Must be taken as part of a pre-programmed slate of courses that includes ENG 001 and/or RDG 001, and NCC 101.

This course explores causes and effects of major developments throughout the human past. Topics include, but are not limited to, the invention of agriculture, the emergence of civilizations, and the industrial revolution. It introduces students to different kinds of sources and other tools used by historians to interpret the past. It also fosters the development of general education skills, such as information literacy and critical thinking, which are essential for success in other history courses and for college in general. Class size is limited and instructors are specially selected.

HIS 124
Women in the Western
World 3 cr.

A focus on the role of women as a significant force in the development of the Western world. The course examines, in historical context, the factors which have determined women's place over the centuries, compares the situation of women in capitalist, socialist, and fascist societies, and surveys contemporary European feminist movements.

HIS 125
The Role of Women
in American History 3 cr.

Women's history offers an important new dimension to the study of American society. This course examines the vital role ordinary women have played in American life for 350 years, the experiences and achievements of women, and the successes and failures of the feminist movements.

HIS 130
Ethnic Groups in American
History 3 cr.

An exploration of American history through the eyes, ears and emotions of its immigrants – the experiences of Italians and Jews, Irish and Germans, Chinese and Mexicans, and others. Common problems of adjustment, acceptance and assimilation faced by these groups teach us about America. Guest speakers, films and tapes are utilized throughout the course to probe the meaning and bring to life the history of ethnic groups in America.

HIS 136
History of Latinos in
the U.S. 3 cr.

This course explores major social, economic and political developments in the history of the various Latino communities of the United States from the mid-19th century to the present. Attention is given to such long-term processes as community formation, Latino immigration to the U.S., religion, and group identity.