General Education Prior to Fall 2013

Starting in fall 2013, CUNY will implement the Pathways initiative establishing a new system of general education requirements across CUNY. Continuing students who entered SPS prior to fall 2013, along with students who have taken an absence of only ONE semester, can choose whether they wish to change to the Pathways General Education Requirements or continue with the General Education Requirements required prior to fall 2013. Below are the General Education Requirements in place at SPS prior to Fall 2013.

General Education Curriculum Prior to Fall 2013

The 60-credit CUNY SPS General Education curriculum is based on the principles of "proficiencies" (or skills and competencies) and "perspectives" (or subject matter and content areas). Our general education courses foster knowledge of human culture and the natural world (in science, social science, mathematics, humanities and the arts), intellectual and practical skills (in communication, quantitative reasoning, information literacy, critical thinking and inquiry), and individual and social responsibility (civic engagement, ethical reasoning, and intercultural awareness).

Proficiencies – matters of comprehension and expression. 30 credits required.

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<thead>
<tr>
<th>Categories</th>
<th>Objectives</th>
<th>Credits</th>
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<tr>
<td>English Proficiency</td>
<td>to read, write and speak effectively in English, to analyze, synthesize, and convey ideas and observations</td>
<td>6</td>
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<tr>
<td>Quantitative Reasoning</td>
<td>to understand and apply mathematical principles and to communicate quantitative information effectively</td>
<td>6</td>
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<tr>
<td>Scientific Reasoning</td>
<td>to appreciate the phenomena and processes of scientific knowledge in more than one scientific field</td>
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<tr>
<td>Language Proficiency</td>
<td>to communicate in a language other than English and understand the values of its culture</td>
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<tr>
<td>Digital Competency</td>
<td>to understand and use the tools of digital technology (hardware, software, Internet, etc.)</td>
<td>3</td>
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<tr>
<td>Information Literacy</td>
<td>to use information critically and responsibly from a variety of sources: to gather, organize and present it effectively</td>
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Perspectives: basic knowledge in general areas. 30 credits required.

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<tr>
<td>Global &amp; Civic</td>
<td>social, political and economic issues of the contemporary world</td>
<td>6</td>
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<tr>
<td>Historical</td>
<td>human cultural tradition over time; individuals and movements in historical context</td>
<td>6</td>
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<tr>
<td>Social Scientific</td>
<td>analysis of social interaction and institutions using the analytical methods of the social sciences</td>
<td>6</td>
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<tr>
<td>Aesthetic &amp; Creative</td>
<td>works of art, theater, music, literature analyzed and interpreted using evidence and appropriate methodology</td>
<td>6</td>
</tr>
<tr>
<td>Philosophical &amp; Ethical</td>
<td>role of values and ethics in making personal, social, professional decisions</td>
<td>3</td>
</tr>
<tr>
<td>Natural Scientific</td>
<td>applying the methods, terminology and reasoning of a branch of natural science</td>
<td>3</td>
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Course Descriptions

English Proficiency
Objectives for courses in the English Proficiency subject area include writing and speaking effectively in English as well as analyzing, synthesizing, and conveying ideas and observations. Please see below for classes in this subject area.

ENG 101 College Writing I 3 Credits
Prerequisite: None
Practice in expository and analytical writing through reading and research-based assignments in varied academic formats such as reports, formal essays and research papers, making use of appropriate technology for composing, editing and sharing documents. Practice in conventions of academic reading and writing including clear and coherent use of standard English, use of digital libraries, and methods of ethical attribution and citation.

ENG 102 College Writing II 3 Credits
Prerequisite: None
A continuation of College Writing I with increased emphasis on expository and analytical writing through research-based assignments in varied academic formats such as reports, formal essays, and research papers across the disciplines, making use of appropriate technology for composing, editing and sharing documents. Research project requires students to use scholarly databases, provide proper attribution and documentation of primary and secondary sources, and argue an opinion based on well-chosen and compelling evidence.

CM 311 Writing for New Electronic Media 3 Credits
Prerequisite: None
A writing intensive content creation course designed to teach competence in writing for recently evolved electronic media and to foster an understanding of the theory and practice of writing for those media. The course will cover writing content for Internet news, Internet information, as well as writing content for such applications as wikis, blogs, podcasts, vlogs, and webisodes. Other applications may include techniques for writing instant messages, writing headlines for news alerts, and some writing applications for other hand-held electronic devices. Students will individually create blogs, podcasts, Internet news items, and other content. As groups, they will participate in discussion boards, create wikis, webisodes, and online newscasts.

Quantitative Reasoning
Objectives for courses in the Quantitative Reasoning Proficiency subject area include applying mathematical principles and communicating quantitative information effectively. Please see below for classes in this subject area.

Note: Business majors must take MATH 210 or its equivalent as part of the courses necessary to satisfy the Quantitative Reasoning requirement.

MATH 101 Fundamentals of Mathematics 3 Credits
Prerequisite: None
This course will introduce students to various topics in mathematics: set theory, logic, counting and combinatorics (the branch of mathematics that studies finite collections of objects satisfying specified criteria) and historical or alternate base number systems. Students will be expected to apply these constructs to problems in the real world and not simply to consider them abstractly.

MATH 102 Mathematics in Contemporary Society 3 Credits
Prerequisite: MATH 101, or equivalent.
Designed to provide students with an understanding of the mathematical ideas and methods found in the social sciences, the arts, and business, this course covers the fundamentals of statistics, scatter plots, graphics in the media, problem-solving strategies, dimensional analysis, and mathematical modeling. Students can expect to explore real world applications.
MATH 210  Business Math  3 Credits
Prerequisite: Completion of general education math requirements.
This course prepares students for mathematics required in upper-level business courses. Students will explore the mathematics of finance such as simple interest, compound interest, annuities, amortization and sinking funds. Students will engage in hands-on experience to understand how Microsoft Excel can be used to solve business problems. Case studies will be used to reinforce students' understanding of the concepts and techniques and to demonstrate the application of the methodologies to authentic problem-solving situations.

MATH 215  Introduction to Statistics  3 Credits
Prerequisite or Co-requisite: CIS 101
This course will introduce the basic principles of statistics and probability, with an emphasis on understanding the underlying concepts, real-world applications, and the underlying story that the numbers tell. Students will be expected to use Microsoft Excel's statistical functions to implement analyze data. Broadly speaking, this course will provide an introduction to probability, descriptive statistics, hypothesis testing, and inferential statistics.

Scientific Reasoning
Objectives for courses in the Scientific Reasoning Proficiency subject area include appreciating the phenomena and processes of scientific knowledge in more than one scientific field. Please see below for classes in this subject area.

AST 101  Introductory Astronomy: The Solar System  3 Credits
Prerequisite: None
Students learn about stars, and about the astronomical information that forms our model of the universe. Stars and collections of stars will be shown to have a birth as well as an anticipated death predicted by natural laws. Students will learn to understand and express scientific ideas.

BIO 200  Human Biology  3 Credits
Prerequisite: None
This course is designed to provide students with a foundational understanding of human anatomy and physiology. Starting with an overview of the organization of the human body and the terminology used to describe the location of body parts, the course then discusses basic chemical concepts essential for understanding physiological processes. The characteristics and functions of cells, tissues, and membranes are discussed, as are the anatomical and functional divisions of the organ systems.

BIO 201  Anatomy and Physiology 1  3 Credits
Prerequisite: None
This course provides students with a foundational understanding of human anatomy and physiology. Starting with an overview of the organization of the human body and the terminology used to describe the location of body parts, the course then discusses basic chemical concepts essential for understanding physiological processes. The characteristics and functions of cells, tissues, and membranes are discussed, as are the anatomical and functional divisions of organ systems including: the skin and integumentary system, musculoskeletal system, nervous system, sensory system, and the endocrine system.

BIO 202  Anatomy and Physiology 2  3 Credits
Prerequisites: BIO 201
This is the second course in human anatomy and physiology. The course covers the composition and functions of blood, followed by an investigation of the cardiovascular system including the anatomy of the heart and the physiology of blood circulation. Additional human organ systems discussed include the respiratory system, digestive system, urinary system, and reproductive system. Human genetics will also be addressed.

BIO 310  Pathophysiology and Pharmacology  3 Credits
Prerequisites: BIO 200
This course combines the study of human disease processes and treatments. The etiology and pathogenesis of diseases are discussed along with the application of diagnostic procedures and patient care. The pathology and underlying principles of the human systems are presented, along with characteristics of typical drugs, side effects, cautions, and interactions.
(Foreign) Language Proficiency
Objectives for courses in the Language Proficiency subject area include communicating in a language other than English and understanding the values of its culture. Please see below for classes in this subject area.

CHIN 101  Beginning Chinese I  3 Credits
Prerequisite: None
An introduction to Mandarin Chinese designed for students who have no or little prior experience in the language. An integrated approach to basic language skills of listening, speaking, reading and writing, emphasizing pronunciation and tones, as well as the most basic structure and patterns of Chinese grammar.

CHIN 102  Beginning Chinese II  3 Credits
Prerequisite: CHIN 101
A continuation of elementary introduction to Mandarin Chinese aimed at developing the four language skills of listening, speaking, reading and writing. Emphasis is on pronunciation, tones and the basic structure of Chinese grammar and increasing knowledge of Chinese cultures.

LANG 101  Language in the Multicultural Setting  3 Credits
Prerequisite: None
Introduces the foundations of linguistics and language acquisition. Analyzes language in multicultural American urban settings. Critiques bilingual/bidialectal families and bilingual education; language and gender; literacy in a changing, technological society; and different dialects and registers of American English. Appraises recent and classic scholarship in linguistics, literature, and related fields. Requires reflection and analysis of personal linguistic experiences and backgrounds.

LANG 102  The Skills and Art of Translation  3 Credits
Prerequisite: None
This course is an introduction to the techniques of translation, offering practice in translating texts of various types (scientific, technical, legal, medical, commercial, journalistic, and literary). Draft translations will be discussed online with a view towards determining the most accurate translation. Students will also engage in an online discussion of topics covered in the readings. Students must have reading and writing fluency in one or more languages (other than English) to enroll in this course.

SPAN 101  Beginning Spanish I  3 Credits
Prerequisite: None
This course in conjunction with SPAN 102 provides a thorough grounding in Spanish grammar and vocabulary, including intensive practice in speaking and listening through the use of audio-video resources. A microphone and speakers (or a headset) and a web camera to interact online with the instructor and to record individual, pair, and group work are required.

SPAN 102  Beginning Spanish II  3 Credits
Prerequisite: SPAN 101
Reviews and builds upon material learned in Spanish I through assignments and activities designed to increase mastery in listening, speaking, reading and writing. SPAN II presents more complex linguistic structures that build upon those learned in SPAN I and increase awareness of Spanish-American cultures. Individual and group reading, oral and written assignments increase exposure to and linguistic creation in the target language.

Digital Competency
Objectives for courses in the Digital Competency Proficiency subject area include understanding and using the tools of digital technology (hardware, software, Internet, etc.). Please see below for classes in this subject area.

CIS 101  Computer Fundamentals and Applications  3 Credits
Prerequisite: None
This course is an introduction to computers and their use in information processing. Topics include hardware and software concepts, elements of telecommunications, networks, and the Internet. Emphasis is on using computer programs such as word processing, spreadsheets, and data base management, as well as Internet applications.
Information Literacy
Objectives for courses in the Information Literacy Proficiency subject area include using information critically and responsibly from a variety of sources as well as gathering, organizing and presenting it effectively. Please see below for classes in this subject area.

COM 110  Digital Literacy  3 Credits
Prerequisite: None
What does it mean to learn - to inquire, to investigate, to collaborate, to research - online? In this course, students will propose answers to these questions by exploring new communication technologies and probing their impact on contemporary understandings of identity and community. Students will find, examine, and evaluate online resources.

Global & Civic Perspectives
Objectives for courses in the Global & Civic Perspectives subject area include exploring social, political and economic issues of the contemporary world. Please see below for classes in this subject area.

AFRS 101  Ethnology of Africa  3 Credits
Prerequisite: None
Applies the fundamental methods and concepts of cultural anthropology to the study of sub-Saharan African societies and nations, with emphasis on the impact of slavery and colonialism, current problems of economic and political development, and Africa's emerging place in 21st-century global interactions. Exploration of histories, politics, economics, family structures, gender, power, and health in different African cultures through analysis of ethnographies, text chapters, generalist summaries, historical research, news accounts, specialist articles, and literature.

FRNS 201  French and Francophone Cultures Today  3 Credits
Prerequisite: None
This course features the cultures of contemporary France and selected French-speaking countries or regions in Africa, North America, the Caribbean and the Far East. Topics are drawn from geography and economics, everyday life, literature and the arts, politics, and racial and ethnic identity. Emphasis is on the diversity of cultures within the French-speaking world.

GEOG 301  International Migration  3 Credits
Prerequisite: None
This course is a quantitative and qualitative examination of historic and contemporary international migration patterns. Emphasis is on spatial demographic impacts of immigration policy in the United States with special attention to major urban centers. A comparative analysis of ethnic and racial minorities in the United States will also be offered.

LAS 101  Latin America and Caribbean Cultures  3 Credits
Prerequisite: None
Introduces texts and media from Latin American and Caribbean cultures, including film, music, and performance. Analyzes the distinguishing features of Latin American and Caribbean Cultures through study of cultural artifacts and issues related to history, politics, customs, and art. Required research on selected topics.

POL 201  Politics and Government of New York City  3 Credits
Prerequisite: None
This course analyzes the politics and government of New York City, including City-State relations; and the role of the City in the region, the nation and the world. Special attention is given to the municipal government's institutions and procedures, and the city's evolving political culture.
Historical Perspectives

Objectives for courses in the Historical Perspectives subject area include exploring human cultural traditions over time and studying individuals and movements in historical context. Please see below for classes in this subject area.

AMER 200  American History and Culture  3 Credits
*Prerequisite: None*
Explores race, class, and gender in American history and culture. Secondary source material by scholars of American Studies and primary source materials in a variety of genres, including music, poetry, art, and material culture, convey the ways in which American culture has been shaped by and has helped to shape ideas of race, class, and gender.

HIST 102  Origins of the Modern World, 1500 to the Present  3 Credits
*Prerequisite: None*
Analyzes global relationships in the contemporary world stemming from interactions between civilizations that began half a millennium ago. Introduces students to selected topics which illuminate these patterns and allow us to perceive our own world more clearly.

HIST 201  The Ascent of Man: An Introduction to the History of Science  3 Credits
*Prerequisite: None*
Based on the BBC television series by Jacob Bronowski, this course traces the development of civilization through advances in science and technology. Through weekly writing assignments and exploration of the rich internet resources on the history of science, students will deepen their knowledge of the history of science and its significance for world history.

HIST 202  Twentieth Century World History  3 Credits
*Prerequisite: None*
Examines social, cultural, political, and economic changes, events, and concepts that defined and shaped the 20th century. Particular emphasis includes height of European imperialism, First World War, rise of totalitarian regimes, Second World War, Cold War, decolonization and the rise of nation-states, genocides and civil wars, revolutions in Asia, Africa and Latin America, Middle East conflict, fall of the Soviet bloc, social and intellectual movements, scientific and technological breakthroughs, and economic globalization. Assesses the impact of these and other subjects upon today's world.

HIST 301  The Colonies in the Eighteenth Century  3 Credits
*Prerequisite: None*
In this course, students examine the history of the British North American colonies from the close of the 17th century to the ratification of the U.S. Constitution. Through online reading assignments and by working with and interpreting primary sources, students will explore the divergent histories of the colonies and examine the transition of colonies into states within a federal union.

HIST 302  History of the Dominican Republic  3 Credits
*Prerequisite: None*
This course surveys Dominican history from the Tainos to Balaguer. Through frequent short writing assignments based on weekly online discussion, students will analyze Haitian-Dominican relations since colonial times, political and economic conditions since the 19th century, and the impact of US influence.

HIST 303  The History of Black Civil Rights in the United States  3 Credits
*Prerequisite: None*
This course examines the history of Black Civil Rights in the United States from colonial America to the present, emphasizing the Civil Rights Movement from the end of the Civil War to the death of Martin Luther King, Jr. Other topics include the status of free African Americans in the colonial period, the federal Constitution and the Supreme Court, women's rights and feminism, affirmative action, racial profiling, reparations, significant personalities, and the cultural response to the Civil Rights Movement.
Social Scientific Perspectives
Objectives for courses in the Social Scientific Perspectives subject area include analyzing social interactions and institutions using the analytical methods of the social sciences. Please see below for classes in this subject area.

Note: Business majors must take ECO 202 as part of the courses necessary to satisfy the Social Scientific Perspectives requirement.

ANTH 110 Urban Anthropology 3 Credits
Prerequisite: None
This course considers the means for investigating large heterogeneous populations from an anthropological perspective. The problems of urbanization in emerging nations, ethnic and cultural differences within the city, and poverty in the urban setting will receive particular attention.

ECO 201 Microeconomics 3 Credits
Prerequisite: CIS 101
An investigation of the microeconomy as seen through the eyes of the individual consumer and firm. Economic concepts, including profits, employment and resources via supply and demand, elasticity, utility, costs, and market structures are applied to specific issues including unions, rent control, job discrimination, minimum wage, and education.

ECO 202 Macroeconomics 3 Credits
Prerequisite: None
This course is a study of factors determining national output, income, employment, and prices; the impact of government spending, taxation, and monetary policy; the banking system; economic growth; and international trade.

PHE 200 Introduction to Public Health 3 Credits
Prerequisite: None
This course introduces students to the basic tenets of public health. The course provides a history of public health, an introduction to the five core disciplines of public health (Epidemiology, Biostatistics, Environmental Health, Social and Behavioral Health, and Health Policy and Management), and an overview of the field’s primary functions such as assessment, policy development, and assurance. Students are introduced to the impact of information technology on the field.

PSY 101 General Psychology 3 Credits
Prerequisite: None
This course examines behavior and mental processes. Topics include research methods, biological bases of brain and mind, sensation-perception, sleep and states of consciousness, learning and memory, development, cognition-intelligence, motivation-emotion, personality, abnormal psychology, and social psychology. The focus is on findings and principles related to everyday life.

SOC 101 Introduction to Sociology 3 Credits
Prerequisite: None
This course is designed to provide students with an introduction to the theoretical perspectives, concepts, methods, and core research areas in sociology. Students will engage in active learning projects, and complete both formal and informal writing assignments.

Aesthetic & Creative Perspectives
Objectives for courses in the Aesthetic & Creative Perspectives subject area include exploring works of art, theater, music and literature while analyzing and interpreting using evidence and appropriate methodology. Please see below for classes in this subject area.

ART 201 Arts and Civilization: Pre-history through the Middle Ages 3 Credits
Prerequisite: None
Introduces art and the academic discipline of art history. Using the discipline’s technical vocabulary, analyzes the
standard visual, material and symbolic components of art. Addresses cultural products created from the Neolithic through to the end of the Western Middle Ages. Analyzes the purpose of art. Examines painting, drawing, sculpture and architecture in historical, political and cultural context. Analyzes art's function within society. Critiques how successive movements and styles are indebted to the past and to influences from other sources. Introduces key movements, important artworks and the biographies of individual artists.

**ART 202**  
*Arts and Civilization: Renaissance through the 21st Century*  
3 Credits  
*Prerequisite: None*  
Introduces art and the academic discipline of art history. Using the discipline's technical vocabulary, analyzes the standard visual, material and symbolic components of art. Addresses cultural products created from the Renaissance to the present. Examines Western painting, drawing, sculpture, architecture and photography in historical, political and cultural context. Analyzes art's function within society. Critiques how successive movements and styles are indebted to the past and to other sources. Introduces key movements, important artworks and the biographies of individual artists.

**ART 210**  
*Modern Art in the City*  
3 Credits  
*Prerequisite: None*  
Introduces students to 20th and early 21st century visual arts. Examines the biographies of artists and their cultural settings, and explores the products of creative expression as they have been realized through the eyes of painters, photographers, sculptors and architects.

**ENG 201**  
*Introduction to Literature*  
3 Credits  
*Prerequisite: None*  
This course introduces students to the genres of fiction, poetry, and drama. Students will become familiar with the terminology used to discuss and to write about works of literature (plot, setting, conflict, theme, etc.). Emphasis will be placed not just on the formal and thematic concerns of literature but also on its relation to the physical, social, political, and intellectual landscape.

**ENG 211**  
*World Literature*  
3 Credits  
*Prerequisite: None*  
Explores a selection of global literary works from antiquity to the present. Analyzes complete texts and extracts or episodes from texts that reference or connect literary traditions across time and cultures.

**ENG 301**  
*Science Fiction*  
3 Credits  
*Prerequisite: None*  
Examines the history of science fiction literature and film, tracing the development of the "hard" and "soft" sub-genres. Identifies and explains some of the most common tropes, elements, concepts, and styles. Evaluates creative and societal responses to scientific fields such as space exploration, artificial intelligence, time travel, genetic engineering, and the development and future of cyberspace. Considers the impact that public fears of and fascination with science has on literature and film.

**ENG 302**  
*Images of Women in Shakespeare*  
3 Credits  
*Prerequisite: None*  
The richness of Shakespeare's range of work defies comprehensive coverage in a single course, but it responds to all sorts of perspectives (historical, cultural, psychological, and literary) as well as points of interests (character types, recurrent themes, dramatic genres, etc.). Consequently, the particular focus of the course will vary according to the instructor's interest.

**ENG 331**  
*Studies in the Folk Tale and the Classic Fairy Tale*  
3 Credits  
*Prerequisite: None*  
Examines the development of folk tale from the oral form to what is known as the literary fairy tale (a tale never intended for children). Explores the global, historical and cultural origins of folk and fairy tales. Analyzes the universality of folk tales by examining the role that they play in the ethnography of diverse cultures. Traces the rise
of the literary fairy tale from its origins in the oral folk tales to contemporary rewritings. Introduces diverse folk tales, literary fairy tales, critical essays, and films in order to come to a greater understanding of the complex cultural significance of folk and fairy tales.

**FLM 307  Film Literacies: Communicating Culture through Film  3 Credits**
*Prerequisite: None*
Introduces the discipline of film studies. Analyzes a nation’s culture and social history through its film. Assesses the impact that historical events, and social, cultural and political movements had on a nation’s cinematic expression. Evaluates the work of individual directors and explores the ways that they translated their perceptions and experiences into film.

**MUS 101  Music Appreciation  3 Credits**
*Prerequisite: None*
This course explores the basic components of music and how these manifest themselves in various musical styles at different times in history. The course will give students a musical vocabulary, auditory skills, and an understanding of musical structures that will facilitate an increased appreciation and enjoyment of a wide range of music.

**Philosophical & Ethical Perspectives**
Objectives for courses in the Philosophical & Ethical Perspectives subject area include exploring the role of values and ethics in making personal, social and professional decisions. Please see below for classes in this subject area.

**PHIL 101  Introduction to Philosophy  3 Credits**
*Prerequisite: None*
Studies the basic issues and traditions in philosophy. Thinkers include Socrates, Plato, Descartes, Kant, Rawls. Issues include the soul, truth, god, reality, knowledge, ethics, mind, freedom, religion, and social and political thought. Developing skills of critical analysis and dialectical thinking, students will be able to identify traditional and current issues in philosophy.

**PHIL 110  Critical Thinking  3 Credits**
*Prerequisite: None*
Focuses on the techniques of rational inference and analytical judgment. These include the study of informal logic (arguing cogently and recognizing common informal fallacies), formal patterns of reasoning (syllogistic and propositional logic), and some distinctive analytical methods used in scientific and professional disciplines. Provides students with the competencies that are requisite to successful career growth and life-long learning.

**PHIL 301  Computers, Ethics , Society, and Human Values  3 Credits**
*Prerequisite: None*
Examines the impact of computers and information networks on society. Considers privacy and confidentiality, computer crime, harassment, identity, honesty, mechanization, secrecy, proprietary rights, and technological dependence. Evaluates issues related to information systems and communication networks.

**Natural Scientific Perspectives**
Objectives for courses Natural Scientific Perspectives subject area include exploring and applying the methods, terminology and reasoning of a branch of natural science. Please see below for classes in this subject area.

**EAS 201  The Nature of New York  3 Credits**
*Prerequisite: None*
This science course allows students to explore New York City’s rich and diverse natural environment through a unique online learning experience. The course focuses on the city’s origins and transformation over time, and provides students with a sound introduction to ecological thinking. The course includes assignments that explore urban ecosystems and habitats.
EAS 250  Oceanography  3 Credits
Prerequisite: None
Ocean Studies is an introductory college-level course developed by the American Meteorological Society for implementation at undergraduate institutions nationwide. The course places students in a dynamic and highly motivational educational environment where they investigate the role of the ocean in the Earth System by using real-world current environmental data.

PHYS 301  Space, Time and Motion-Physical Science  3 Credits
Prerequisite: None
This course traces changing understandings of motion, time, space, matter, and energy through the ideas of the ancient Greek philosophers, Galileo Galilei, Isaac Newton and Albert Einstein. Topics studied include the concepts of motion, relativity and gravity; and the discoveries and ideas of Einstein and other major thinkers in the field of physical science. Course materials created in partnership with scientists from the American Museum of Natural History.

This course is based in part upon materials developed by the American Museum of Natural History and is used with permission by the School of Professional Studies for this course.