

Undergraduate Academic Program

College Degree Requirements

Standards of Achievement and Evaluation

During each term of the academic year, the usual academic program of the college student consists of four semester hours, each course usually carrying two semester hours of credit. The student will thus have earned 12 semester hours at the end of each year. Independent study courses or special seminars may vary from one semester hour to two semester hours of credit depending upon the nature of the course.

Student Responsibility for Coursework

In submitting assignments and projects for courses, students take responsibility for their work as a whole, and imply that, except as properly noted, the ideas, words, material and craftsmanship are their own. In written work, if students cite from a source of information or opinion other than themselves without giving credit, either within the body of their texts or in properly noted references and without using quotation marks where needed, or otherwise fail to acknowledge the borrowings, they have in fact presented the work, words or ideas of others as if they were their own. Failure to abide by those simple principles of responsible scholarship is dishonest, as is receiving or giving aid on tests, examinations or other assigned work presumed to be independent or original. A student whose work is found to be dishonestly accomplished and submitted as his or her own for credit will be removed from the course with a grade of "F."

Satisfactory Undergraduate Academic Program Progress Requirements

Students who have completed half the Undergraduate Academic Program requirements for their degree must maintain a 2.0 cumulative average and a 2.0 term average each term in college academic courses. A student who fails to achieve either a 2.0 cumulative or a 2.0 per term average will be placed on Academic Probation for the following term. The student whose cumulative average in academic courses falls below 2.0 for two consecutive terms will be dismissed from the degree program and placed in the Arts Diploma program.

Students who have not completed half the Academic Program requirements for their degree must maintain a 1.8 cumulative average and a 1.8 term average each term in college academic courses. A student who fails to achieve either a 1.8 cumulative or a 1.8 term average for a given term will be placed on Academic Probation for the following term. The student whose cumulative average in academic courses falls below 1.8 for three consecutive terms will be dismissed from the degree program and placed in the Arts Diploma program.

When the student's Academic Program cumulative average improves to the required level, the student may apply to re-enter the baccalaureate degree program.

A cumulative grade point average of 2.000 in academic coursework is required for the degree.

Transfer Students

College students who wish to transfer from other institutions of higher education must comply with the School's audition and entrance requirements. College courses carrying a grade of "C" or better may be considered for transfer credit.

Special Students

The Undergraduate Academic Program will accept as Special Students only those students who have:

- 1) Finished their Arts Diploma and have returned to NCSA to finish their degree;
or
- 2) Withdrawn temporarily from their arts program with the special recommendation of their arts dean due to financial, catastrophic, or highly unusual circumstances, and whose GPA in academics is 2.0 or higher. Those students who have withdrawn from their arts program with a cumulative academic GPA less than 2.0 may not choose this option under any circumstance.

Exceptions to this policy may only be made with the written approval of the associate vice chancellor for undergraduate academic and graduate programs.

Basic Requirements for the Bachelor of Fine Arts and Bachelor of Music

Qualified college students who wish to pursue a bachelor's degree while receiving professional arts training may enroll in the college degree program. The major portion of the degree student's work is in applied training in the individual arts area; the remaining study toward the degree is classified as non-applied and consists of the following school-wide requirements:

- * **Clear demonstration of competence in reading, writing, and oral communication skills.**

Writing and oral discussion are stressed throughout the academic program; proficiency in oral communication is particularly encouraged in each of the arts areas.

College-level training in reading, writing, and oral communication is provided in General Studies 101, 102, 103. Entering students who present test scores or high school records that indicate below-average work in English and related subjects are required to take an English Placement Test. Those who perform satisfactorily on the test enroll in General Studies 101; those who do not must also enroll in ENG 100, a non-credit tutorial course stressing reading, writing and study skills. The student's progress will be reevaluated at the end of each term.

General Studies (GES) 101, 102, 103: **Critical Perspectives**

The goal of Critical Perspectives is to develop students' powers as critical, creative and active thinkers. Students will achieve this goal by engaging with a variety of works, including NCSA productions, and acquiring familiarity with the major literary genres of poetry, drama, fiction, and nonfiction. Course materials are designed to shed light on ways that artists perceive issues in art, their relationships with their communities, and how their works reflect shifting and evolving social concerns. Throughout this yearlong sequence, emphasis is placed on the students' writing of critical, analytical, argumentative and persuasive essays. The students will explore definitions of art and artists, develop the capacity to analyze works of art, and learn to articulate effective arguments about artistic issues.

GES 101: **Critical Perspectives: Art Matters**

Students will be introduced to the basic elements of argumentative and persuasive writing and thinking. They will engage with a variety of art works, develop criteria for evaluating an art work, and write argumentative essays by way of responding to and analyzing art. In addition, work in the library and online will include practice with standard research and documentation methods.

GES 102: **Critical Perspectives: Art World**

This course will continue to emphasize the skills needed for college-level writing. Material will be chosen according to a theme or group of themes to explore the relationships between art works and how works interact within and across the boundaries of time, geography and culture. Prerequisite: GES 101 or equivalent.

GES 103: **Critical Perspectives: Art Now**

Art created right now at NCSA; current fiction, poetry and drama; films coming out of Hollywood and the studios of independent filmmakers; and popular music and TV shows will be the focus of spring term. Drawing on the work of the previous two terms, students will undertake independent and collaborative projects to express their understanding of their connections to their art and their places in a larger community. Prerequisite: GES 101 or equivalent.

GES 190: **Freshman Seminar** (2 credits)

Selected interdisciplinary topics that cross boundaries between performing, visual and moving image arts in the context of liberal arts modes of inquiry, analysis, discussion and evaluation. Attendance at specified NCSA events and performances is required. Intended primarily for first-year college students. May be taken only once for elective credit.

Prerequisite: concurrent enrollment in GES 101; completion of GES 101; or the equivalent.

*** An awareness of major concepts that have shaped the intellectual tradition in the humanities and the arts.**

GES 211, 212, 213: Foundations of Western Thought

A three-term course that builds on and extends the close reading, writing, and analytic skills addressed in the Critical Perspectives sequence. The course invites students to develop an informed and critical understanding of some of the major ideas, thinkers and works that have shaped our culture in the past or show promise of making a significant contribution in the future. The primary focus is on the Western intellectual and artistic tradition, but significant attention is also given to texts or ideas of non-Western origin. Prerequisite: GES 101, 102, 103 or permission of instructor.

GES 211: Religious World Views (2 credits)

Concerned with concepts about the divine and the human condition as expressed in the Epic of Gilgamesh, Homer, the Bible, Sophocles, writings from the Buddhist tradition, and others.

GES 212: Self and Society (2 credits)

Explores various theories about the best form of society and the optimum development of human nature as found in the writings of such thinkers as Plato, Confucius, Machiavelli, Shakespeare, Marx and Engels, Freud, and others.

GES 213: Concepts of Style (2 credits)

Examines works of art and ideas derived from the Enlightenment, Romanticism and various strands of Modernism, e.g., "Tartuffe," Goethe's "Faust," "The Rite of Spring," works by T.S. Eliot, Borges, and others.

*** An informed sense of the individuality of the inter-relatedness of major areas of knowledge, through study in each of the following three areas:**

Fine Arts/Humanities

Social/Behavioral Sciences

Mathematics/Natural Sciences

Each arts area, in cooperation with the Undergraduate Academic Program, sets more specific, sometimes additional non-applied requirements appropriate to the particular field of study. See the descriptions of degree requirements in each arts area for further information.

Academic Requirements by Arts School and Concentration

DANCE

Bachelor of Fine Arts (Ballet, Contemporary)

GES 101, 102, 103	Critical Perspectives	6 credit hours
HUM 121, 122, 123	The Arts In Context	6 credit hours
GES 211, 212, 213	Foundations of Western Thought	6 credit hours
Foreign Language	French, German or Italian	6 credit hours
SCI 210	Nutrition, Behavior and Culture	2 credit hours
SCI 221, 222, 223	Human Anatomy and Physiology	6 credit hours
SCI 227	The Biology of Movement	3 credit hours
Social Science	elective	2 credit hours
Academic	electives	8 credit hours
Total academic required credits		45 credit hours

DESIGN AND PRODUCTION

Bachelor of Fine Arts (Scene Design, Costume Design, Costume Technology, Scene Painting, Stage Properties, Wig and Makeup Design)

GES 101, 102, 103	Critical Perspectives	6 credit hours
ARH 101, 102, 103	Art History	6 credit hours
GES 211, 212, 213	Foundations of Western Thought	6 credit hours
THH 241, 242, 243	Theatre History	6 credit hours
LIT 290	Topics in Dramatic Literature	2 credit hours
Math/Science	elective	2 credit hours
Literature/Philosophy	elective	2 credit hours
Social Science	elective	2 credit hours
Academic	electives	4 credit hours
Total academic required credits		36 credit hours

Bachelor of Fine Arts (Lighting Design, Technical Direction, Stage Management, Sound Design)

GES 101, 102, 103	Critical Perspectives	6 credit hours
GES 211, 212, 213	Foundations of Western Thought	6 credit hours
THH 241, 242, 243	Theatre History	6 credit hours
LIT 290	Topics in Dramatic Literature	2 credit hours
Math/Science	elective	2 credit hours
Literature/Philosophy	elective	2 credit hours
Social Science	elective	2 credit hours
Academic	electives	10 credit hours
Total academic required credits		36 credit hours

DRAMA

Bachelor of Fine Arts (Acting, Directing)

GES 101, 102, 103	Critical Perspectives	6 credit hours
GES 211, 212, 213	Foundations of Western Thought	6 credit hours
THH 241, 242, 243	Theatre History	6 credit hours
LIT 290	Topics in Dramatic Literature	2 credit hours
Math/Science	elective	2 credit hours
Literature/Philosophy	elective	2 credit hours
Social Science	elective	2 credit hours

Academic	electives	10 credit hours
Total academic required credits		36 credit hours

FILMMAKING

Bachelor of Fine Arts (Cinematography, Directing, Editing and Sound, Producing, Screenwriting)

GES 101, 102, 103	Critical Perspectives	6 credit hours
ARH 101, 102, 103	Art History	6 credit hours
Or		
HUM 121, 122, 123	The Arts in Context	6 credit hours
GES 211, 212, 213	Foundations of Western Thought	6 credit hours
Humanities	elective	2 credit hours
Math/Science	elective	2 credit hours
Social Science	elective	4 credit hours
Academic	electives	10 credit hours
Total academic required credits		36 credit hours

Bachelor of Fine Arts (Film Production Design)

GES 101, 102, 103	Critical Perspectives	6 credit hours
ARH 101, 102, 103	Art History	6 credit hours
GES 211, 212, 213	Foundations of Western Thought	6 credit hours
Humanities	elective	2 credit hours
Math/Science	elective	2 credit hours
Social Science	elective	4 credit hours
Academic	electives	10 credit hours
Total academic required credits		36 credit hours

MUSIC

Bachelor of Music (Instrumental, Composition)

GES 101, 102, 103	Critical Perspectives	6 credit hours
HUM 121, 122, 123	The Arts in Context	6 credit hours
GES 211, 212, 213	Foundations of Western Thought	6 credit hours
Literature/Philosophy	elective	2 credit hours
Math/Science	elective	2 credit hours
Social Science	elective	2 credit hours
Academic	electives	12 credit hours
Total academic required credits		36 credit hours

Bachelor of Music (Voice)

GES 101, 102, 103	Critical Perspectives	6 credit hours
ITA 101, 102, 103	Elementary Italian	6 credit hours
GER 101, 102, 103	Elementary German	6 credit hours
FRE 101, 102, 103	Elementary French	6 credit hours
GES 211, 212, 213	Foundations of Western Thought	6 credit hours
Math/Science	elective	2 credit hours
Social Science	elective	2 credit hours
Academic	elective	2 credit hours
Total academic required credits		36 credit hours

College Course Descriptions

All courses listed may not be offered each year. Lists of courses available in any given year may be obtained from the Undergraduate Academic Program Office.

General Studies (GES) 101, 102, 103: **Critical Perspectives** (2 credits per term)
(See previous description)

GES 211, 212, 213: **Foundations of Western Thought** (2 credits per term)
(See previous description)

Humanities Courses

Humanities (HUM) 121, 122, 123: **The Arts in Context** (2 credits per term)
An examination of major historical periods in the Western world and the artistic styles that characterize them, with particular attention to visual arts, music, literature and drama.
HUM 121: **The Ancient and Early Christian Worlds**
HUM 122: **The Medieval and Renaissance Worlds**
HUM 123: **The Modern World**

HUM 290: **Topics in the Humanities** (2 credits)
One-term intensive studies in which the instructor and students are challenged to examine some facet of the Western humanistic tradition. Prerequisite: permission of the instructor.

History and Criticism of Art and Theatre

Art History (ARH) 101, 102, 103 (2 credits per term)
A three-term historical survey of the major styles in painting, sculpture, and architecture in Western civilization; non-Western styles as time allows.
ARH 101: **Ancient and Christian**
ARH 102: **Medieval through Renaissance**
ARH 103: **Baroque to Modern**

Theatre History (THH) 241, 242, 243: **Theatre History** (2 credits per term)
THH 241: **Dramatic Theory and Criticism**
This course is designed to explore significant contributions to dramatic theory and criticism from the Greeks to the present. Prerequisite: GES 101, 102, or equivalent.

THH 242: **Design and Performance**
This course is designed to move from the Greeks to the present by focusing on significant contributions to design and performance theory and technique. Prerequisite: GES 101, 102, or equivalent.

THH 243: **Performance Forms**
This course is designed to explore various non-literary performance forms from the ancient to the contemporary. It will include not only European forms, but also present theatrical developments in China, Japan, Africa and Indonesia. Prerequisite: GES 101, 102, or equivalent.

English Courses

English (ESL) 100: **Academic English for Non-Native Speakers** (No credit)
Offered only to non-native speakers of English, this course concentrates on improving academic skills. Particular emphasis is given to practicing college-level reading and writing.

ENG 100: Learning and Academic Skills Laboratory (No credit)

A course designed to assist students in improving learning skills through application of the basic principles of learning, and in overcoming deficiencies in analysis, reading and writing.

Literature Courses

The single-term elective literature courses extend the critical thinking, reading and writing skills developed in the prerequisite Critical Perspectives courses (GES 101, 102, 103). The literature courses also extend students' familiarity with the topics, themes and ideas that emerge from the required Foundations of Western Thought courses (GES 211, 212, 213). Literature courses are offered to enhance areas of the programs of the five arts schools, to respond to student interest in timely material, and to take advantage of faculty research and expertise. Individual courses are repeated on average no more often than every three years so that students have access to a fresh variety of course offerings each term they are enrolled. The literature courses are designated by one of the following course titles:

Literature (LIT) 104: **Introduction to World Literature** (2 credits)

A study of literature from a variety of world traditions. Topics alternate between introduction to world literary traditions and introduction to world folktales. The course focuses on the development of skills in text analysis, writing and discussion. Offered to first-year students who have completed GES 101.

LIT 220: **Literature in English** (2 credits)

The study of a variety of texts from American, British and other literatures written in English. Each course focuses on the work of a writer, group of writers, region, period, style, genre or theme. Representative titles from courses offered in recent years: Romantic Art, Romantic Lives; Contemporary Popular Fiction; Chaucer's "Canterbury Tales"; Recent American Poetry; and Women Writers of the Harlem Renaissance. Prerequisite: GES 101, 102, 103 or equivalent.

LIT 230: **Literature in Translation** (2 credits)

The study of a variety of texts from world literature translated into English. Each course focuses on the work of a writer, group of writers, region, period, style, genre or theme. Representative titles from courses offered in recent years: Women in the Ancient World; Italo Calvino, Storyteller; French and German Fairy Tales; and Classical Lyric Poetry. Prerequisite: GES 101, 102, 103 or equivalent.

LIT 240: **Comparative Literature** (2 credits)

The study of a variety of texts from world literature translated into English. Course topics are selected for correspondence of themes, subjects, forms, styles or critical issues regardless of boundaries of nation or language. Representative titles from courses offered in recent years: Narratives of Madness; Don Juan; and Fantasy Literature. Prerequisite: GES 101, 102, 103 or equivalent.

LIT 290: **Topics in Dramatic Literature** (2 credits)

A series of courses that focus on the work of individual playwrights or groups of playwrights, or on dramatic works representing various periods, nations, styles or themes. Representative titles from courses offered in recent years: Ibsen & Shaw; Epic Theatre; Theatre of the Absurd; Tragedy in Athens; The Blood Tragedies, Shakespeare & the Other; and Postmodern Drama. Prerequisite: GES 101, 102, 103 or equivalent.

Writing Courses

The single-term elective writing courses provide opportunities for students who write correctly and fluently to extend their skills at creative or professional writing in directions of particular interest. Literary and journalistic texts may be assigned, primarily as models for writing. The work of these courses is accomplished by frequent critiqued and graded assignments, presented in class. A high value is placed on student participation and peer discussion of in-progress and completed assignments. Instruction is given in

appropriate and effective techniques for peer critique and for revision. The writing courses are designated by one of the following course titles:

Writing (WRI) 150: **Introduction to Creative Writing** (2 credits per term)

A first course in creative writing or personal narrative. The course focuses on the development of skills for effective use and understanding of language choices in writing. Topics alternate between introductory creative writing and personal narrative: letters, journals, memoirs. Offered to first-year students who have completed GES 101. Prerequisite: completion of GES 101.

WRI 250: **Topics in Practical and Professional Writing** (2 credits per term)

Representative course topics: arts reviewing and criticism, and the art of the interview. Prerequisite: GES 101, 102, 103 or the equivalent.

WRI 260: **Topics in Creative Writing** (2 credits per term)

Representative course topics: fiction writing, poetry writing, dramatic writing, writing adaptations, and writing for solo performance. Prerequisite: GES 101, 102, 103 or the equivalent.

WRI 360: **Advanced Topics in Writing** (2 credits per term)

Greater student initiative and independence is expected than for WRI 250 and 260. Representative course topics: fiction, poetry or dramatic writing. Prerequisite: GES 101, 102, 103 plus WRI 250 or 260 and permission of instructor.

Modern Foreign Languages

French (FRE) 101, 102, 103: **Elementary French** (2 credits per term)

An introduction to the French language with the goal of oral proficiency. The major emphasis is on spoken French, basic grammar and vocabulary building, which will provide the student with necessary language skills to function on a basic level in a French-speaking country. The student will also learn about cultural elements of the country and its people. Prerequisite for FRE 102: FRE 101 or permission of instructor; prerequisite for FRE 103: FRE 102 or permission of instructor.

FRE 201, 202, 203: **Intermediate French** (2 credits per term)

Continuation of structural skills and vocabulary as needed for expanded understanding and production of the French language. Reading of contemporary literature, which will help familiarize the student not only with the everyday language, but also with current issues and the way French people feel, think and act. Prerequisite: FRE 101, 102, 103 or equivalent.

Note: Advanced-level tutorials are available in French conversation, literature or culture, tailored to the interests of the individual student. By permission of the instructor.

German (GER) 101, 102, 103: **Elementary German** (2 credits per term)

An introduction to the German language with the goal of oral proficiency. The major emphasis is on spoken German, basic grammar and vocabulary building, which will provide the student with necessary language skills to function on a basic level in a German-speaking country. The student will also learn about cultural elements of the country and its people. Prerequisite for GER 102: GER 101 or permission of instructor; prerequisite for GER 103: GER 102 or permission of instructor.

GER 201, 202, 203: **Intermediate German** (2 credits per term)

Continuation of structural skills and vocabulary as needed for expanded understanding and production of the German language. Reading of contemporary literature, which helps familiarize the student not only with the everyday language, but also with current issues and the way German people feel, think and act. Prerequisite: GER 101, 102, 103 or equivalent.

Note: Advanced-level tutorials are available in German conversation, literature or culture, tailored to the interests of the individual student. By permission of the instructor.

Italian (ITA) 101, 102, 103: **Elementary Italian** (2 credits per term)

An introduction to Italian, with the goal of oral proficiency. Attention is given to pronunciation, conversation skills, basic grammar, and the culture from which the language derives. Prerequisite for ITA 102: ITA 101 or permission of instructor; prerequisite for ITA 103: ITA 102 or permission of instructor.

ITA 201, 202, 203: **Intermediate Italian** (2 credits per term)

Continuation of structural skills and vocabulary as needed for expanded understanding and production of the Italian language. Reading of current literature and additional cultural materials that will help familiarize the student with the language and concerns of contemporary Italy. Prerequisite: ITA 101, 102, 103 or equivalent.

Note: Advanced-level tutorials are available in Italian conversation, literature or culture, tailored to the interests of the individual student. By permission of the instructor.

Philosophy

The single-term elective philosophy courses utilize the reading, writing and analytic skills developed in the Critical Perspectives courses (GES 101, 102, 103) to begin further exploration of ideas examined in the Foundations of Western Thought courses (GES 211, 212, 213) or to investigate alternative intellectual options. The electives presented during any given year are taken from either the history of philosophy or topics in philosophy offerings.

Philosophy (PHI) 101 **Introduction to Philosophy** (2 credits)

An introduction to some central philosophical debates about the nature of the self, the constitution of ultimate reality, and the foundation of value.

PHI 211: **Readings in Ancient Philosophy** (2 credits)

An examination of the birth of philosophical thought in the West, culminating in the work of Plato and Aristotle. Attention is given to non-Western thinkers and traditions. Prerequisite: GES 101 or permission of instructor.

PHI 212: **Readings in Medieval Philosophy** (2 credits)

Investigations of some of the major philosophical traditions of the Middle Ages, with some attention given to the cultural and social context of the philosophers to be studied. Prerequisite: GES 101 or permission of instructor.

PHI 213: **Readings in Modern Philosophy** (2 credits)

A study of some of the representative thinkers in the period from Descartes to the present. Prerequisite: GES 101 or permission of instructor.

PHI 214: **Readings in Contemporary Philosophy** (2 credits)

A study of contemporary thinkers representative of current important trends in philosophical thought. Prerequisite: GES 101 or permission of instructor.

PHI 224: **Metaphysics and Mysticism** (2 credits)

Various perspectives on what is ultimately real and how it can be known. Readings and authors studied will vary but usually include Plato, Descartes, Berkeley and representatives of Daoism, among others. Prerequisite: GES 101 or permission of instructor.

PHI 225: **Moral and Political Philosophy** (2 credits)

What are a good life and a good society? What is right and wrong? Why be moral? These and similar questions provide the points of departure for this course. Prerequisite: GES 101 or permission of instructor.

PHI 226: **Philosophy of Religion** (2 credits)

An examination of Western and non-Western religious ideas, with a large segment of the course given to problems concerning the nature of religious knowledge, the nature and existence of God, and the problem of evil. Prerequisite: GES 101 or permission of instructor.

PHI 227: Philosophy of Art (2 credits)

An examination of classical and contemporary theories of the nature of art and artistry. Prerequisite: GES 211 and 212.

PHI 290: Special Topics in Philosophy (2 credits)

In-depth examinations of particular thinkers, movements or philosophical problems. Prerequisite: GES 101 or permission of instructor.

Social Sciences

Social Science (SOS) 124, 125, 226: **American Cultural Studies** (2 credits per term) (Offered as needed.)

SOS 124: A survey of American culture and society from 1776 through the Civil War era, with emphasis on the development of distinctively American ideas, institutions and art.

SOS 125: A topical survey of American culture from 1880 to the present, with emphasis on what happens to American ideas, institutions and arts as the United States becomes an industrial and urban world power.

SOS 226: Specialized topics focusing on one facet of American culture. A different topic is chosen each term. Examples have included the American political tradition, the American South, democracy in America. Prerequisite: GES 101, 102, 103 or equivalent.

SOS 154: Archaeology and Human Evolution (2 credits)

A survey of the origins of ourselves and our cultures since human beings appeared on Earth. The biological and environmental forces that influenced the ways our ancestors lived are reviewed. Methods by which this information has been learned and likely directions for our future as a species will be considered.

SOS 155: Cultural Anthropology (2 credits)

A consideration of the interrelated parts of cultures, reasons for their creation, and why and how they change. The course also examines the functions of a culture's major symbolic systems, with special attention to the arts.

SOS 156: World Cultures (2 credits)

An exploration of human cultures in one of the following regions: Africa, Asia, North or South America, Europe, or the Pacific, to reveal common and unique features in lifestyles from each region. The cultures are placed in an ecological and evolutionary framework. Regional focus rotates; subjects vary each term and year. Prerequisite: GES 101, 102, 103; SOS 155 recommended.

SOS 236: European Cultural Studies (2 credits per term) (Offered as needed.)

Special topics (a focus on one facet of European culture; a different topic is chosen each year). Prerequisite: GES 101, 102, 103 or equivalent.

SOS 244, 245, 246: Contemporary World Issues (2 credits per term) (Offered as needed.)

An examination of contemporary issues of global, national and individual importance.

SOS 244: Global Perspectives (2 credits)

An examination of major contemporary and world problems including population and food supply, war, the impact of technology, and the role of modern science. Prerequisite: GES 101, 102, 103 or equivalent.

SOS 245: The Western World in the Contemporary Age (2 credits)

An examination of the major national and international problems of the Western industrial nations, with emphasis on domestic political issues, economic trends and social issues. Prerequisite: GES 101, 102, 103 or equivalent.

SOS 246: The Non-Western World in the Contemporary Age (2 credits)

Problems of the Third-World countries. The course will include a broad treatment of non-Western cultures as well as a special focus each year on a single non-Western culture. Prerequisite: GES 101, 102, 103 or equivalent.

SOS 290: Contemporary Issues in Anthropology (2 credits)

A special topics course in which specific material may be changed according to class interest, but which will deal with an area of concern in anthropology and the other social sciences today. Prerequisite: GES 101, 102, 103 or equivalent.

Mathematics and Science

A student wishing to fulfill the all-School science/mathematics requirement may choose from the following options:

Satisfactory completion of at least one 200-level mathematics course

Satisfactory completion of at least one science course

Note: MATHEMATICS (MAT) 100 may be used to make up mathematics deficiencies determined by the UNC minimum course requirements (MCRs).

Mathematics (MAT) 100: Foundations of Mathematics: Algebra (No credit)

A study of the properties of real numbers, linear equations and inequalities, graphing, polynomials and quadratic equations.

MAT 100: Foundations of Mathematics: Geometry (No credit)

A study of parallel lines and transversals, quadrilaterals, regular polygons, similarity, ratio and proportion, right triangle theorems, distance, mid-point formulas, circles, area and volume, prisms, cones, proof exercises. Prerequisite: MAT 100: Foundations of Mathematics: Algebra or equivalent.

MAT 100: Foundations of Mathematics: Trigonometry (No credit)

A study of right-triangle trigonometry, trigonometric ratios and applications, the Unit Circle, fundamental identities, Law of Sines, Law of Cosines and application. Prerequisite: MAT 100: Foundations of Mathematics: Geometry or equivalent.

MAT 101: Foundations of Mathematics: Trigonometry (2 credits)

A study of right-triangle trigonometry, trigonometric ratios and applications, the Unit Circle, fundamental identities, Law of Sines, Law of Cosines and applications. Prerequisite: Mat 100: Foundation of Geometry or equivalent.

MAT 201: College Algebra (2 credits)

A study of real and complex numbers, linear, quadratic, absolute value equations and inequalities, functions and their graphs. Prerequisite: Algebra I, Geometry and Algebra II.

MAT 202: College Trigonometry (2 credits)

A study of the six trigonometric functions; the Unit Circle; radians and degrees; graphing trigonometric functions; data analysis using the TI-82 calculator; scatter plots; curve fitting; solving right triangles; oblique triangles; applications. Prerequisite: Mathematics 201 or equivalent.

MAT 203: Fundamentals of Calculus (2 credits)

An introduction to calculus for students who have completed College Algebra and Trigonometry. Among the topics studied are limits, the derivative, applications, extrema, antiderivatives, area and the definite integral. Prerequisite: Mathematics 201 and 202 or permission of instructor.

Science (SCI) 102: Light and Sound (2 credits)

A study of the wave characteristics of light and sound with emphasis on the application of concepts to music, lighting and color. Attention will be paid to the processes of seeing and hearing.

SCI 134: Geology of the American Landscape (2 credits)

A study of the surface processes (rivers, glaciers, groundwater, winds, waves, etc.) that have created the diverse landscapes of the United States. Attention is paid to the artist's response to the landscape.

SCI 135: Volcanoes and Earthquakes (2 credits)

A geologic study of two major catastrophic natural phenomena – volcanic eruptions and earthquakes, their impacts on society, and what they tell us about the Earth's interior and the dynamic process of plate tectonics.

SCI 136: Fossils: A History of Life (2 credits)

From trilobites to dinosaurs to woolly mammoths – this course follows the fossil evidence of the origins, evolutionary patterns and mass extinctions of life on Earth from its first appearance to the present day.

SCI 137: Birds and Birding (2 credits)

An introduction to the biology and identification of birds, including the origin of birds; their anatomy and physiology; their classification and evolution; and their behavior as associated with feeding, reproduction, etc. Learning to identify birds, particularly during spring migration, will be an essential part of the course.

SCI 154: Stars and Galaxies (2 credits)

A study of stars – their births, lives and deaths; the groupings of stars into galaxies; and the origin and history of the universe.

SCI 155: The Solar System (2 credits)

A study of the planets, moons, and other objects that make up our solar system. The internal structures, external features and surface conditions of these bodies, and an examination of their origins and histories will be considered.

SCI 210: Nutrition, Behavior and Culture (2 credits)

A study of the normal nutritional requirements of the human body, the relationship of diet to health, and the impact of behavior and cultural influences on food choices. Students will analyze their own diet relative to recommended standards for young adults. Whenever available, community resources will be utilized for content enrichment.

SCI 221, 222, 223: Studies in Human Anatomy and Physiology I, II, III (2 credits per term)

A three-term sequence of study designed to provide a basic understanding of the structure and function of the human body, with an emphasis on aspects that support, produce, and control human movement. Anatomical study and occasional laboratory exercises are an integral part of the course.

SCI 221: Studies in Human Anatomy and Physiology I, introduces the basic organization and structure, terminology, physiological concepts and begins study of major organ systems of the body.

SCI 222: Studies in Human Anatomy and Physiology II, continues with focused study of organ systems responsible for movement. (Prerequisite: SCI 221)

SCI 223: Studies in Human Anatomy and Physiology III, continues study of major organ systems relevant to arts students. (Prerequisites: SCI 221 and SCI 222)

SCI 227: The Biology of Movement (3 credits)

An opportunity for students to apply a knowledge of human anatomy and physiology to a more detailed study of the musculoskeletal system and its function in producing human movement. Injury and the prevention of injury will be considered; other activities are designed to help develop an accurate self-perception. Prerequisites: GES 101, 102, 103; SCI 221, 222 and 223 (SCI 223 may be a co-requisite with permission of instructor).

SCI 240: History of Science (2 credits)

An exploration of the work of major scientists and the contributions of various ages and cultures to the development of scientific thought. Topics vary from year to year. Topics have previously included: Charles Darwin and evolution, history of astronomy, and scientific explorations. Prerequisite: GES 101 or permission of instructor.

SCI 290: Contemporary Issues in Science (2 credits)

A one-term course with flexible content, exploring each year a limited number of physical and biological topics/issues of current interest. Prerequisite: GES 101 or permission of instructor.