COURSES OF INSTRUCTION

Since its inception in the Fall of 1987, the Louisiana Scholars' College has regularly developed and offered new courses, many of them stimulated by student requests. A major grant from the National Endowment for the Humanities funded three summers of work for faculty to develop the Common Curriculum. For more information, contact the Director of the Louisiana Scholars' College.

The first figure in parentheses following each course title indicates the credit hour value of the course; the second figure indicates the number of 50-minute lecture periods the class meets per week in a regular semester; the third indicates the laboratory hours per week.

SANT 3890. DIRECTED STUDY IN ANTHROPOLOGY. (1 to 4-1 to 4-0). Supervised independent study on a topic not normally covered in regular course offerings. May be repeated when the topic varies. Prerequisite: consent of instructor.

SART 2000. SEMINAR IN ART HISTORY. (4-4-0). Special topics in art history. Cross-listed as SCRT 181W. Open as SART 2000 only to students who have completed a different SCRT 181W subtitle. May be repeated for credit as topics vary. Subtitle: Greek and Roman Art: A General Survey. An overview of the development of Greek and Roman art, organized to complement Texts and Traditions I.

SART 3810. THE CLASSICAL TRADITION IN WESTERN ART. (4-4-0). The classical tradition in art from early Greek civilization to its influence in contemporary works, with special attention to Late Antiquity, the Carolingian Renaissance, the Italian Renaissance of the fourteenth and fifteenth centuries, the Neo-classical movement of the eighteenth and nineteenth centuries, and the twentieth century.

SART 3820. ROME: URBS AETERNA. (3-1-4). Examination of the art and culture of Rome, from its beginnings to Mussolini's attempted resurgence. Includes a two-week stay in Rome, readings and research before departure, and completion of a research paper upon return.

SART 3890. DIRECTED STUDY IN ART HISTORY. (1 to 4-1 to 4-0). Supervised independent study on a topic not normally covered in regular course offerings. May be repeated when the topic varies. Prerequisite: consent of instructor.

SBIO 3810. FORM AND FUNCTION IN BIOLOGICAL SYSTEMS. (3-3-0). Seminar on relationships between anatomical structure, physiology, and adaptation in living organisms, including plants, invertebrates, and vertebrates. Satisfies the research seminar requirement for students in the Scientific Inquiry Concentration of the College. Prerequisite: two semesters of biological science or consent of instructor.

SBIO 3820. COMPARATIVE NEUROBIOLOGY. (4-3-2). Survey of basic neurophysiology, comparative and vertebrate functional neuroanatomy, neural development, and the neural basis of behavior. Prerequisite: two semesters of general biology or consent of instructor.

SBIO 3880. DARWIN AND EVOLUTIONARY THEORY. (3-3-0). Intensive readings and discussions of the major writings of Charles Darwin, with supplementary readings of other writers, including Lamarck, Lyell, Wallace, Spencer and Gould. Fulfills the Major Figure requirement for students in the Humanities and Social Thought Concentration and provides credit in Scientific Inquiry. Prerequisites: SCPN 1850 or 1920 or BIOL 1020.

SBIO 3890. DIRECTED STUDY IN BIOLOGY. (1 to 4-1 to 4-0). Supervised independent study on a topic not normally covered in regular course offerings. May be repeated when the topic varies. Prerequisite: consent of instructor.

SBIO 4060. GENOMIC BIOLOGY. (3-3-0). An overview of how genetic analysis at the molecular level is used to study inheritance patterns and population genetics in a way that complements more classical methods of genetic analysis. Special emphasis on the impact of biotechnology on the practices of medicine, law, and modern agriculture, as well as research strategies used by biologists and biochemists. Social concerns and bioethical issues raised by the rapid growth of biotechnology will be addressed. Prerequisites: one of SCPN 1850, 1920, or BIOL 3270; and SCPN 1860 and 1861 or CHEM 1040 and 1041.

SBIO 4061. GENOMIC BIOLOGY LABORATORY. (2-0-6). This laboratory is a project-oriented approach to introduce the use of specialized techniques and bioinformatics to study genomic biology, ranging from the isolation and subcloning of a gene for DNA sequencing to the use of sequence data and databases to make a comparative analyses. Topics include DNA fingerprinting for identity testing and DNA sequence polymorphisms for studies in population genetics. Corequisite: SBIO 4060.

SBIO 4810. SEMINAR IN DEVELOPMENTAL BIOLOGY. (3-3-0). A treatment of mechanisms underlying the ontogenetic organization of the major biological systems in animals, including molecular, cellular, and tissue-level processes. Satisfies the research seminar requirement for students in the Scientific Inquiry Concentration of the College. Prerequisites: two semester sequence in general biology and permission of instructor.
SBUS 480T. THESIS RESEARCH: BUSINESS. (2-0-0). Preparation of a senior thesis or project in accounting, business administration, or computer information systems. Prerequisite: SBUS 4000.

SBUS 482T. THESIS: BUSINESS. (3-0-0). Completion and presentation of a senior thesis or project in business. Prerequisite: SBUS 480T.

SBUS 4000. THESIS RESEARCH METHODS. (1-1-0). Research methods for students majoring in Accounting, Business Administration, or Computer Information Systems and preparing to write senior theses. Introduction to research methodology, documentation and thesis style appropriate to different disciplines within business; bibliographic data bases and research/reference works; production of the thesis proposal.

SCHM 3810. ORGANIC CHEMISTRY I. (3-3-0). The first half of a one-year course. Preparation, properties, uses, and mode of reaction of representative aliphatic and aromatic compounds; halides, hydrocarbons, stereochemistry and spectroscopy. Prerequisite: 1820 and 1821 or SCPN 1840 and 1860; registration in or credit for 3811.

SCHM 3811. ORGANIC CHEMISTRY LABORATORY I. (2-0-4). Basic experiments in organic chemistry. Prerequisite: Registration in or credit for 3810.

SCHM 3820. ORGANIC CHEMISTRY II. (3-3-0). The second half of a one-year course. Preparation, properties, uses, and mode of reaction of aliphatic and aromatic compounds; emphasis on alcohols, aldehydes, ethers, ketones, amines, acids and their derivatives. Prerequisite: 3810 and 3811; registration in or credit for 3821.

SCHM 3821. ORGANIC CHEMISTRY LABORATORY II. (2-0-4). Continuation of 3811. Preparation and qualitative analysis of organic compounds. Prerequisite: registration in or credit for 3820.

SCHM 3890. DIRECTED STUDY IN CHEMISTRY. (1 to 4-1 to 4-0). Supervised independent study on a topic not normally covered in regular course offerings. May be repeated when the topic varies. Prerequisite: consent of instructor.

SCHM 4810. GENERAL BIOCHEMISTRY I. (3-3-0). An introduction to the constituents of living matter: carbohydrates, lipids, proteins, nucleic acids, and enzymes. Prerequisites: 3820 and 3821; registration in or credit for 4811.

SCHM 4811. GENERAL BIOCHEMISTRY LABORATORY I. (1-0-3). An introduction to qualitative and quantitative biochemical laboratory techniques using modern biochemical instrumentation. Prerequisite: registration in or credit for 4810.

SCHM 4820. GENERAL BIOCHEMISTRY II. (3-3-0). A continuation of 4810. Important biochemical pathways: catabolism of carbohydrates, lipids, and proteins; anabolism of carbohydrates, lipids, proteins, and nucleic acids; their relationship to one another and the importance of each to the organism. Prerequisites: 4810 and 4811.

SCHM 4890. CHEMISTRY SEMINAR. (1-1-0). Research, reports, and discussions about current or historical issues in chemistry. May be repeated any number of times, but only two hours may be applied toward a degree. Prerequisite: junior standing and consent of instructor.

SCLA 3810. THE COMIC MUSE: COMEDY AND SATIRE IN THE ANCIENT WORLD. (4-4-0). The history, evolution, and interrelationship of comedy and satire in the Greco-Roman world. Includes several instances in which these forms are adopted or adapted in later periods. All works are read in English translation.

SCPN 1830. PARADIGMS: BIOLOGY I. (3-3-0). An integrated life science course, focusing on cell biology, basic metabolism, and organismal biology. Prerequisite: registration in or credit for 1831.

SCPN 1831. PARADIGMS: BIOLOGY LABORATORY I. (1-0-3). Experiments in the life sciences to accompany 1830.

SCPN 1840. PARADIGMS: CHEMISTRY I. (3-3-0). An introduction to the general principles of chemistry, including atomic and molecular structure; chemical bonding, properties of gases, liquids, and solids; and oxidation-reduction reactions. Prerequisite: registration in or credit for 1841.

SCPN 1841. PARADIGMS: CHEMISTRY LABORATORY I. (1-0-3). Laboratory experiments demonstrating the chemical principles presented in 1840. Corequisite: 1840.

SCPN 1850. PARADIGMS: BIOLOGY II. (3-3-0). A continuation of 1830, focusing on organismal biology, Mendelian and molecular genetics, evolution, and ecology. Prerequisite: 1830 and registration in or credit for 1851.

SCPN 1851. PARADIGMS: BIOLOGY LABORATORY II. (1-0-3). Experiments in the life sciences to accompany 1850.
SCPN 1860. PARADIGMS: CHEMISTRY II. (3-3-0). A continuation of 1840, focusing on chemical equilibrium, thermodynamics, kinetics, and nuclear chemistry. Prerequisite: 1840, 1841, and registration in or credit for 1861.

SCPN 1861. PARADIGMS: CHEMISTRY LABORATORY II. (1-0-3). Laboratory experiments demonstrating the principles presented in 1860: identifying common inorganic ions, quantitative inorganic analysis, chemical equilibria and thermodynamics. Corequisite: 1860.

SCPN 1910. PARADIGMS OF NATURE: INTRODUCTION TO ECOLOGY I. (3-3-0). An introduction to the ecological relationships between organisms and their environments at the ecosystem and community levels of organization. Topics include primary production and decomposition, migration and dispersal across landscapes, and food webs. Prerequisite: registration in or credit for 1911.

SCPN 1911. PARADIGMS OF NATURE: ECOLOGY LABORATORY I. (1-0-3). Laboratory experiments and field studies demonstrating the principles presented in SCPN 1910. Prerequisite: registration in or credit for 1910.

SCPN 1920. PARADIGMS OF NATURE: INTRODUCTION TO ECOLOGY II. (3-3-0). An introduction to the ecological relationships between organisms and their environments within populations, and evolution as an ecological process. Topics include demography, pollination ecology, and evolution through natural selection. Prerequisite: registration in or credit for 1921.

SCPN 1921. PARADIGMS OF NATURE: INTRODUCTION TO ECOLOGY LABORATORY II. Laboratory experiments and field studies demonstrating the principles presented in SCPN 1920. Prerequisite: registration in or credit for 1920.

SCRT 181W. CRITICAL READING, CRITICAL WRITING. (4-4-0). Exercise in verbal argument and analysis, in conjunction with the study of major writers, major thinkers, and significant cultural issues. Disciplines and topics vary; may be taken for credit only once.

Subtitles:


03-Selfhood and Community. An inquiry into changing conceptions of the “self” and shifting relations between individuals and communities in the nineteenth and twentieth centuries.

04-Utopian Visions. Versions of perfection in utopian works written in Europe and America from the sixteenth century to the present—utopian perspectives on perfection, including those of Christian humanism, liberalism, socialism, aesthetic Marxism, and feminism. Examinations of contemporary assumptions about what is “natural” and possible in our own time and in the future.

05-Greek and Roman Art: A General Survey. An overview of the development of Greek and Roman art organized to complement the material presented in Texts and Traditions I.

06-Southern Fiction. An introduction to Southern fiction of the nineteenth and twentieth centuries, emphasizing literary analysis, but also examining social and historical contexts as well as the issues of race, class, and gender. Chopin, Faulkner, O'Connor, Welty, Percy, Hurston, Walker, among others.

07-Interdisciplinary Approaches to the Study of Gender. An interdisciplinary course exploring gender relations through literature, art, history, sociology, and biology.

09-Popular Culture in History. Examination of the political function and social sources of popular culture in Europe and America since 1600, with emphasis on the development of writing skill.

10-Physical Concepts of Time. Introduction to the study of time, as viewed from the perspectives of natural philosophy, mathematics, and modern physics. Zeno's paradoxes; relativity and block universe; “time's arrow” in thermodynamics and cosmology.

11-Writing About Film. A writing-intensive seminar offering an introduction to the vocabulary and perspectives of film criticism.

12-History and Philosophy of Natural Science. A writing-intensive seminar designed to help students understand how scientists think and why we know what we know. Students will be given a background in “scientific thought processes”.

13-Writing about Literature: The Lost Generation. An introduction to college-level critical reading and writing skills through study of the literature of Americans and American expatriates between the World Wars.
14-The Influences of Science on Art. An exploration of the relationship between art and science, including an interdisciplinary examination of media, materials, color, light, and perspective in art and architecture.

15-Literature and the Law. A study of the history of legal writing as literature, and a study of what literature has to teach about the history and interpretation of law and methods of legal argument.

16-The Modern Synthesis. An exploration of major points in the Modern Synthesis of Darwinian evolution and genetics, including points of contention between major contributors to modern evolutionary theory.

SCSC 1810. MICROCOMPUTER APPLICATIONS I. (1-1-0). A microcomputer software course introducing word processing, database, presentation, and spread sheet fundamentals for academic applications.

SCTT 1810. TEXTS AND TRADITIONS I: THE SHAPING OF WESTERN THOUGHT. (5-5-0). A close study of selections from the history of western thought, including major philosophical, scientific, literary, political, and artistic works. The ancient world; early myth, the Old Testament, classical antiquity; works by authors such as, Homer, Sophocles, Plato, Vergil, Juvenal, and others.

SCTT 1820. TEXTS AND TRADITIONS II: THE SHAPING OF WESTERN THOUGHT. (5-5-0). A continuation of 1810. The Middle Ages, the Renaissance, the seventeenth and early eighteenth centuries; works by authors such as Boethius, Dante, Machiavelli, Descartes, Galileo, Shakespeare, and others.

SCTT 2810. TEXTS AND TRADITIONS III: THE SHAPING OF WESTERN THOUGHT. (5-5-0). A continuation of 1820. The eighteenth and nineteenth centuries; works by authors such as Voltaire, Rousseau, Austen, Marx, Mill, Darwin, Dostoyevsky, Nietzsche, and others. Prerequisite: SCRT 181W.

SCTT 2820. TEXTS AND TRADITIONS IV: THE SHAPING OF WESTERN THOUGHT. (5-5-0). A continuation of 2810. The twentieth century; works by authors such as Freud, Conrad, Weber, Woolf, Eliot, Levi-Strauss, Böll and others. Prerequisite: SCRT 181W.

SCTT 3810. TEXTS AND TRADITIONS V, DEMOCRATIC VISTAS: THE IDEA OF AMERICA. (4-4-0). Major documents from the American cultural tradition, including works by Winthrop, Edwards, Franklin, Jefferson, Tocqueville, Hawthorne, Thoreau, Fuller, Dickinson, Mark Twain, Charles Ives, Jasper Johns, Faulkner, Toni Morrison, and others. Prerequisite: SCRT 181W.

SCTT 4810. SENIOR COLLOQUIUM I. (2-2-0).

Subtitles:

08-Science and Religion: Background Issues: Examination of the relationship between religion and science from ancient times to the present, from a number of perspectives. This course will focus on the historical roots of both disciplines and look carefully at the reasons for their divergence.

09-Pharmacology, Society and the Law: A study of medical, political, legal, economic and cultural effects and ramifications of drug abuse and the war on drugs.


11-The 1960s: An examination of the political, economic, social, cultural, and technological advances of the Sixties and an introduction to the individuals who made history in that decade.

12-Censorship: Who Judges the Judges Themselves? The history and major issues in censorship in Western tradition.


14-Sex and Society. Sex as a component of and issue for modern society, ranging from the political (equal rights and same-sex marriage), religious (the suppression of sexual instincts and traditional roles of men and women), and social (sex education in public schools and pornography and censorship) to the connection between sex and psychology and the evolutionary basis of sexual differences.

15-Cultural Studies. An exploration of the political, academic, social and economic implications of popular culture.

**SCTT 4820. SENIOR COLLOQUIUM II. (2-2-0).**

Subtitles:

06-Science and Religion: The Scopes Trial and its Consequences: This is the second semester of a two-semester course focusing on religion and science. This semester will emphasize the Scopes trial and its consequences, including the modern-day discussion of creationism vs. evolution.

07-Pharmacology, Society and the Law: A study of the medical, political, legal, economic and cultural effects and ramifications of drug abuse and the war on drugs.

08-The Nineties: A Critical Retrospective.

09-The 1960s: Continuation of 4810. An examination of the political, economic, social, cultural, and technological advances of the Sixties and an introduction to the individuals who made history in that decade.

10-Censorship: Who Judges the Judges Themselves? The history and major issues in censorship in Western tradition.

11-Religious Tolerance. An exploration of religious diversity in the modern world, viewed from a variety of disciplinary perspectives—psychology, sociology, philosophy, history, law, and others—with attention to ways to foster religious tolerance.

12-Sex and Society. A further examination of the role of sex in modern society.


**SECL 3890. DIRECTED STUDY IN ECOLOGY.** (1 to 4-1 to 4-0). Supervised independent study on a topic not normally covered in regular course offerings. May be repeated when topic varies. Prerequisite: consent of instructor.

**SECO 1810. FUNDAMENTALS OF INVESTMENT AND PERSONAL FINANCE.** (1-1-0). An introduction to budgeting and personal investment, including the basics of debt and equity markets, interest rates, risk and portfolio management. This course does not satisfy any requirements or prerequisites in the College of Business.

**SECO 2810. AN INTRODUCTION TO ECONOMIC REASONING.** (4-4-0). A survey of the historical evolution and current state of American economic theory and policy. The fundamentals of economic analysis, with application to a wide array of economic issues: government regulation of markets, income distribution, federal deficits, government stabilization policy, and America's position in the world economy. Prerequisite: SMAT 1820 or SMAT 1840. (Credit not allowed for both ECON 2010 and SECO 2810).

**SECO 3000. MANAGERIAL ECONOMICS.** (3-3-0). Microeconomic theory and decision science methodology applied to solve business and managerial problems. The study of how to allocate resources to most efficiently achieve managerial goals. Prerequisites: SECO 2810 and SMAT 1848 or SMAT 2810. (Same as ECON 3000).

**SECO 3840. ENVIRONMENTAL ECONOMICS.** (3-3-0). A study of the economics of resource extraction and environmental protection, with emphasis on renewable resources (water, forests, land, wildlife, etc.), and political and economic mechanisms to optimize their use over time. Prerequisite: ECON 2010 or SECO 2810 or SMAT 1820 or SMAT 1840, and SCPN 1920.

**SECO 3850. LAW AND ECONOMICS.** (4-4-0). A study of the role of economic reasoning in the development of legal and institutions and justice. The application of formal economic analysis to the common law (specifically, property, contracts, and torts), and an examination of the tools of non-cooperative game theory applied to legal analysis. Prerequisite: SECO 2810 or ECON 2010.

**SECO 3860. THE LITERATURE OF ECONOMICS AND ECONOMICS IN LITERATURE.** (3-3-0). A study of economic themes in works of literature, and an appreciation of the literary value of some classical writings in economics. Literary depictions of society making a living, and literary exhortations to society to mend its economic ways.

**SECO 3890. DIRECTED STUDY IN ECONOMICS.** (1-4-0-0). Supervised independent study on a topic not normally covered in regular course offerings. May be repeated when topic varies. Prerequisite: consent of instructor.
SECO 4830. WEALTH AND POVERTY IN THE UNITED STATES. (4-4-0). An inquiry into the causes and consequences of American wealth and poverty, emphasizing the intellectual origins of American individualism and of laissez faire economic practice. Topics covered include: current statistics on income distribution; political economy; the experience of immigrant minorities; chronic poverty; rural poverty; recent theory and policy debates. Prerequisite: SECO 2810 or ECON 2010.

SENG 2000. SEMINAR IN ENGLISH AND AMERICAN LITERATURE. (4-4-0). Major figures, period studies, critical issues and problems. Cross-listed as SCRT 181W. Open as SENG 2000 only to students who have completed a different SCRT 181W section. May be repeated once for credit as topics vary.

Subtitles:

01-Selfhood and Community in Nineteenth and Twentieth Century Writing. Fiction by Austen, Bronte, Conrad, Woolf, Faulkner, Lawrence, and others, in the context of cultural change.

02-Finding the Lost Generation: British and American Writing in the Twenties. Focused on a pivotal moment in twentieth-century cultural history, the decade following the First World War, this course combines an exploration of literary modernism with an inquiry into certain fundamental problems of cultural theory. Works by Ford, Pound, Lawrence, Hemingway, Fitzgerald, Waugh, Graves, Eliot, Woolf, among others.

03-Southern Fiction. An introduction to Southern fiction of the nineteenth and twentieth centuries.

04-An Introduction to Film Criticism. An introduction to the vocabulary and perspectives of film criticism.

SENG 2810. POETRY AND POETICS: AN INTRODUCTION. (4-4-0). Introduction to the critical analysis of poetry through the close reading of individual poems from the sixteenth century to the present, as well as through the study of important works of literary criticism and theory.

SENG 3810. SHAKESPEARE. (4-4-0). Study of representative plays by Shakespeare, including comedies, tragedies, and histories, illustrating the development of his style.

SENG 3830. STUDIES IN THE SEVENTEENTH AND EIGHTEENTH CENTURIES. (3-3-0). Various texts and topics from the late Renaissance through the Neo-Classic period. May be repeated for credit when topics vary. Prerequisite: consent of instructor.

SENG 3840. TOPICS IN LITERARY THEORY AND CRITICISM. (4-4-0). Intensive study of a major period, movement, or body of literary theory and criticism. May be repeated for credit as topic varies. Prerequisite: sophomore standing and completion of one 2000-level literature course.

Subtitles:

02-Film Theory and Criticism. An introduction to major theorists and critics of film, emphasizing established critical approaches and emerging theoretical understandings of film as art.

04-Postmodern Literary Theory. A study of the major postmodern literary schools of theory (e.g., feminist, Marxist, post-colonial, semiotic) with emphasis on the work of Foucault, Derrida, and Lacan and a focus on examining the location of literary texts within a wider context of politics and culture.

05-Feminist Theory and Criticism. A study of feminist theory and criticism, focusing on the development of the discipline of feminist thought, the debates and issues that fractured feminism into feminisms, and the intersections of feminist thought with other approaches to theory (African/American theory, queer theory, postmodern theory, etc.)

SENG 3860. STUDIES IN THE TWENTIETH CENTURY. (4-4-0). Various texts and topics from the twentieth century. May be repeated for credit when topics vary. Prerequisite: SCRT 181W.

Subtitles:

01-Magic Realism in Literature: Study exploring the philosophical, political, economic, social and spiritual dimensions of the genre of literature known as magic realism.

02-The Postcolonial Novel: A study of the novels being written in the historical colonies and dependences of the European powers, with an examination of how the colonial experience has affected the type and content of literature produced in these areas.
03-Women Authors and the Symbolic Order: Literature by women writers read through the lens of Lacanian theory, which argues that women cannot negotiate the Symbolic Order (i.e., language), to determine the ways in which these writers reconcile their gender identity with preconceived notions of societal agency.

04-The American Family in Literature: Study emphasizing the diversity of the American family as exemplified through writers of various races, geographical regions, ethnicities, religions, and sexual orientations.

SENG 3880. STUDY OF A MAJOR WRITER. (4-4-0). Study emphasizing representative works and critical responses to those works. May be repeated for credit as topic varies. Prerequisite: sophomore standing.

Subtitles:
01-James Joyce
03-Jane Austen
04-Emily Dickinson
05-Joseph Conrad
06-Robert Frost
07-Charles Dickens
08-T.S. Eliot
09-Virginia Woolf
10-William Faulkner
13-Kate Chopin
14-Toni Morrison
15-Edgar Allan Poe
16-Franz Kafka

SENG 3890. DIRECTED STUDY IN ENGLISH. (1 to 4-1 to 4-0). Supervised independent study on a topic not normally covered in regular course offerings. May be repeated when the topic varies. Prerequisite: Consent of instructor.

SFPA 480T. THESIS RESEARCH - FINE AND PERFORMING ARTS. (2-0-0). Preparation of a senior thesis or project in the fine and performing arts. Prerequisite: SLSC 4000.

SFPA 482T. THESIS - FINE AND PERFORMING ARTS. (3-0-0). Completion and presentation of a senior thesis or project in the fine and performing arts. Continuous enrollment is required until the satisfactory completion of the thesis. Prerequisite: 480T, 481T.

SFRE 1810. FRENCH I. (4-4-0). An introduction to French grammar, pronunciation, and vocabulary. Verb tenses: present, preterit, and imperfect. Development of cultural knowledge as well as skill in understanding, speaking, reading, and writing. Students practice in the language lab one hour per week.

SFRE 2810. FRENCH II. (4-4-0). A continuation of 1810 with emphasis on basic French. Students practice in the language lab one hour per week. Prerequisite: 1810 or consent of instructor.

SFRE 2820. FRENCH III. (4-4-0). An intensive study of French grammar and review of basic French. Reading, discussion, and writing are emphasized. Students practice in the language lab one hour per week. Prerequisite: 2810 or consent of instructor.

SFRE 2830. FRENCH IV. (3-3-0). An introduction to French literature and civilization. Discussion and writing are emphasized. Prerequisite: 2820 or consent of instructor.
SFRE 2840. FRENCH CULTURE AND CONVERSATION. (3-3-0). Designed to help students with their oral skills as well as introduce them to French social habits. Students watch and comment on short French documentaries. They also keep a listening log of outside assignments such as “En Francais” from PBS, French films, French radio, etc. Prerequisite: 2820.

SFRE 3810. LE COMMENTAIRE DE TEXTES LITTERAIRES. (3-3-0). Designed to teach students French literary analysis. Includes study of famous French works. Preparation for a more detailed study of French literature. Prerequisites: 1810, 2810, 2830, and consent of instructor.

SFRE 3890. DIRECTED STUDY IN FRENCH. (1 to 4-1 to 4-0). Supervised independent study on a topic not normally covered in regular course offerings. May be repeated when the topic varies. Prerequisite: consent of instructor.

SGER 1810. GERMAN I. (4-4-0). An introduction to basic grammatical structures, pronunciation, and vocabulary, with emphasis on understanding, speaking, reading, and writing German. Students are required to attend language lab each week.

SGER 2810. GERMAN II. (4-4-0). A continuation of 1810. Prerequisite: 1810 or consent of instructor.

SGER 2820. GERMAN III. (4-4-0). A systematic review of the skills learned in 1810 and 2810, with an emphasis on the development of vocabulary and idioms through the use of literary texts. Prerequisite: 2810 or consent of instructor.

SGER 2830. INTERMEDIATE GERMAN IV. (3-3-0). A continuation of 2820. Prerequisite: 2820 or consent of instructor. May be repeated once as the texts vary.

SGER 3810. GERMAN LITERATURE: ROMANTICISM TO THE MODERN PERIOD. (4-4-0). A survey of major movements and writers from Goethe to the present, within the context of German and European cultural and historical developments.

SGER 3850. GERMAN CULTURE AND CIVILIZATION. (3-3-0). Conducted in English. Historical, political, artistic, scientific, religious, social, and literary forces that have shaped the German state from the earliest time to the present.

SGER 3890. DIRECTED STUDY IN GERMAN. (1 to 4-1 to 4-0). Supervised independent study on a topic not normally covered in regular course offerings. May be repeated when the topic varies. Prerequisite: consent of instructor.

SGLT 3810. 19TH CENTURY GERMAN LITERATURE IN TRANSLATION. (3-3-0). From the dusk of Classicism, the darkness of Romanticism, to the dawn of Modernism, this period of German literature includes some of the greatest minds of Western civilization. The course will focus on the poetry, fiction, dramas and non-fiction of writers such as Goethe, Schiller, Heine, Hofmann, Nietzsche and Hauptmann. Student may not receive credit for both 3810 and 4810.

SGRK 1810. BEGINNING GREEK I. (4-4-0). In this course students will begin a study of the grammar, syntax, vocabulary and culture of the ancient Greek world with the aim of reading the texts of Plato, the New Testament, Homer and other Greek writers in the original language.

SGRK 2810. BEGINNING GREEK II. (4-4-0). In this course students will continue the study of the grammar, syntax, vocabulary and culture of the ancient Greek world with the aim of reading the texts of Plato, the New Testament, Homer and other Greek writers in the original language. Prerequisite: SGRK 1810.

SGRK 2830. GREEK AUTHORS. (1 to 4-1 to 4-0). In this course students will read Greek works such as the philosophy of Plato, the New Testament, the poetry of Homer and others in the original language. Prerequisite: SGRK 2810. This course may be repeated for credit with the permission of the instructor.

Subtitles:

01- Prose

02- Poetry

SHIS 1010. GLOBAL HISTORY TO 1500. (3-3-0). The history of the human community from prehistory (ca. 10,000 BCE) to 1500. The origins, development, and achievements, as well as the interrelations, of the major world civilizations will be discussed. Comparing the economic, cultural, and political experience of different societies will be an essential feature of the course.

SHIS 2000. SEMINAR IN HISTORY. (4-4-0). Special topics in history. Cross-listed as SCRT 181W. Open as SHIS 2000 only to students who have completed a different SCRT 181W section. May be repeated for credit as topics vary.

Subtitles:
01-Utopian Visions. Versions of utopia from the 16th century to the present.

02-Popular Culture and Politics in Modern Europe: From Carnival to Rock Video. An exploration of the connections over the last three hundred years between the distribution of political power in particular societies and the ways that people have amused themselves (or have been amused). Emphasis is on primary materials—folk tales, song lyrics, advertisements (old and new), religious sermons and revelations, political cartoons, descriptions of popular festivals, riots, and murders.

SHIS 2010. GLOBAL HISTORY SINCE 1500. (3-3-0). The history of the human community from approximately 1500 to the present. The central question of the course is what is modernity and how have peoples and societies of the globe changed during the past 500 years because of it.

SHIS 3700. EUROPE 1660-1789: ART AND POLITICS. (4-4-0). Analysis of the economics and society of the period as well as the politics and art.

SHIS 3710. EUROPE 1800-PRESENT: ART AND POLITICS. (4-4-0). Focusing particularly on the politics and art of the period.

SHIS 3720. TERRORISM AND COUNTERTERRORISM IN THE 19TH - 20TH CENTURIES. (4-4-0). The theoretical justification for and the history of terrorism and the attempts to control it during the nineteenth and twentieth centuries.

SHIS 3810. THE FRENCH REVOLUTION. (4-4-0). Analysis of the causes of the Revolution and of its development after 1789, with emphasis on primary sources and opposing historical interpretations. Students will write a research essay.

SHIS 3840. HISTORY OF RUSSIA SINCE 1861. (3-3-0). Major issues in the economic, social, cultural, and political evolution of Russia from 1861 to the present. The course's objectives are to familiarize the student with these issues, give them a sense of the factors involved in historical change and causation, and sharpen their critical thinking and writing skills. Class time devoted to lecture, discussion, and film and slide screenings.

SHIS 3880. MAJOR FIGURES IN HISTORY. (4-4-0). Intensive study of the life and work of a major figure in history, emphasizing the individual's connection to his or her time, his or her influence since then, and the vagaries of reputation. Students will write a research essay. May be repeated for credit as topic varies. Prerequisite: sophomore standing or permission of instructor.

Subtitles:

01-Louis XIV
02-Rousseau
03-Napoleon
06-Bismarck
07-Churchill
09-Marx
10-Hitler
11-Keynes
12-Augustus Caesar
13-Joseph Stalin
14-Gandhi
15-Elizabeth I

SHIS 3890. DIRECTED STUDY IN HISTORY. (1 to 4-1 to 4-0). Supervised independent study on a topic not normally covered in regular course offerings. May be repeated when the topic varies. Prerequisite: consent of instructor.
SHIS 4820. ITALY SINCE THE RENAISSANCE. (4-4-0). Major issues in the political, economic, social, and cultural evolution of Italy from the fifteenth century to the present. The course's objectives are to familiarize the student with these issues, give them a sense of the factors involved in historical change and causation, and sharpen their critical thinking and writing skills. Class time devoted to lecture, discussion, and film and slide screenings.

SHIS 4850. HISTORY OF WORLD WAR II. (4-4-0). The causes and course of World War II in Europe and the Pacific. Prerequisite: SCRT 181W, sophomore standing, or consent of the instructor.

SHPS 2000. SEMINAR IN THE HISTORY AND PHILOSOPHY OF SCIENCE. (4-4-0). Interdisciplinary seminar on topics in the history and philosophy of science, including the cultural impact of scientific discoveries. Prerequisite: SCRT 181W. Open as SHPS 2000 only to students who have completed a different SCRT 181W topic.

Subtitle:

01-The Natural Philosophy of Time. Introduction to the study of time, as viewed from the perspectives of natural philosophy, mathematics, and modern physics. Zeno's paradoxes; relativity and the block universe; “time's arrow” in thermodynamics and cosmology.

02-The Modern Synthesis. An exploration of major points in the Modern Synthesis of Darwinian evolution and genetics, including points of contention between major contributors to modern evolutionary theory.

SHST 3810. ATHENS IN THE FIFTH CENTURY. (4-4-0). An interdisciplinary study of Athens in the Fifth Century B.C.E. Students will study the rise and fall of this great power by looking through the eyes of such citizens as Aeschylus, Sophocles, Aristophanes, and Thucydides.

SHST 3820. FEMINIST THEORY IN PRACTICE AND PROCESS. (4-4-0). An examination of the theory and practice of women's studies. Course units focus on the status of women's studies as a discipline, difference as a central issue in feminist theory, the variety of feminisms, the relationship between feminist and other critical theories, and trends emerging from the practice of women's studies (e.g., the new “men's studies”). Prerequisite: junior standing or consent of instructor.

SHUM 480T. THESIS RESEARCH - HUMANITIES AND SOCIAL THOUGHT. (2-0-0). Preparation (independent research and preliminary writing) of a senior thesis or project in the humanities or social sciences. Prerequisite: SLSC 4000.

SHUM 482T. THESIS - HUMANITIES AND SOCIAL THOUGHT. (3-0-0). Completion of a senior thesis or essay in the Humanities and Social Thought Concentration. Continuous enrollment is required until the satisfactory completion of the thesis. Prerequisite: 480T, 481T.

SLSC 2000. INTERDISCIPLINARY SEMINAR. (4-4-0). Sophomore seminars on special topics transcending disciplinary boundaries. Cross-listed as SCRT 181W. Open as SLSC 2000 only to students who have completed a different SCRT 181W section. May be repeated once for credit as topics vary.

Subtitles:

01-Interdisciplinary Approaches to the Study of Gender. An interdisciplinary course exploring gender relations through literature, art, history, sociology, and biology.

03-Literature and the Law. A study of the history of legal writing as literature, and a study of what literature has to teach about the history and interpretation of law and methods of legal argument.

SLSC 3800. INTERDISCIPLINARY SEMINAR. (1 to 4-1 to 4-0). Seminars on topics transcending disciplinary boundaries. May be repeated for credit as topics vary. Prerequisite: consent of instructor.

Subtitles:

03-The Victorian Imagination: Class and Crisis. Examination of English Culture and society in the 19th century through various contemporary materials, especially novels, but including political discourse, social commentary, art, and architecture. Prerequisite: junior standing or consent of instructor.

04-Contemporary Economic Issues. Current topics in the world economy, emphasizing the influence of social, cultural, and political factors. May be repeated for credit as topics vary.
07-Western Intellectual Traditions, 300-1350. This course will focus on the formation of western European thought and learning in the period of 300-1350. It will situate this critical intellectual era in its historical context by studying the links and breaks with ancient thought on one side and early modern thought on the other.


09-Ecofeminism: Philosophy and literature. An interdisciplinary course concerned with exploring the ecological crisis through the lenses of feminist thought, especially in the areas of philosophy and theology, and analyzing works of contemporary literature that tie environmental degradation to greater political systems of oppression.

11-Love and Tyranny. An examination of the relationship between romantic/erotic love and totalitarian societies as revealed in literature, psychology, history, film, and philosophy.

SLSC 3810. GREAT CITIES IN WESTERN CIVILIZATION. (4-4-0). The history, art, literature, and politics of a great city during a period of cultural blossoming. May be repeated for credit as the topic varies.

Subtitles:

01-Saint Petersburg

02-Paris

SLSC 4000. THESIS RESEARCH METHODS. (1-1-0). Research methods for students preparing to write senior theses. Introduction to research methodology, documentation and thesis style appropriate to different disciplines within sciences, humanities, and arts; bibliographic data bases and research/reference works; and production of the thesis proposal.

SLSC 4810. ART AND SCIENCE: A CROSS-DISCIPLINARY INVESTIGATION. (4-4-0). Aspects of the relationship between art and science: materials used in artistic endeavor, such as pigments from minerals, the components of bronze, and the clay used in pottery. Investigation of patterns and mathematical principles influencing art and architecture. Applications of natural principles in medicinal bathing and cartography.

SLSC 4820. SOCIOBIOLOGY AND THE EVOLUTION OF SEX. (3-3-0) A critical review of the theory of sociobiology. Special emphasis on the theoretical basis for the evolution and maintenance of recombination and the empirical evidence for the evolutionary advantages of various mating systems. Satisfies the research seminar requirement for the Scientific Inquiry Concentration and the interdisciplinary seminar requirement for the Humanities and Social Thought Concentration of the Liberal Arts major. Prerequisites: SCPN 1830, 1910, or 1920; or SCCT 2810 and 2820; or ANTH 3050; or ZOOL 3340.

SLTN 1810. LATIN I. (4-4-0). The fundamentals of Latin grammar and basic reading skills, including basic vocabulary, pronunciation, and syntax. Aspects of Roman culture and its tradition in the Western world.

SLTN 2810. LATIN II. (4-4-0). A continuation of 1810. Latin grammar and basic reading skills, including basic vocabulary, pronunciation, and syntax. Additional study of the Latin tradition. Prerequisite: credit for 1810 or consent of instructor.

SLTN 2820. LATIN III. (4-4-0). Introduction to Latin literature and advanced study of Latin grammar. Prerequisite: credit for 2810 or consent of instructor.

SLTN 2880. GREEK AND LATIN ELEMENTS IN ENGLISH. (3-3-0). An introduction to classical vocabulary, and to historical, linguistic, and grammatical relationships among the Greek, Latin, and English languages.

SLTN 3810. DIRECTED READING IN LATIN. (3-3-0). Supervised independent study (translation and commentary) of significant Latin texts. May be repeated as topic varies. Prerequisite: SLTN 2820.

Subtitles:

01 - Latin Prose Authors: Cicero, Livy, and Pliny the Younger

02 - Latin Poetry: Vergil and Horace

03 - Special Authors: selected authors of prose and poetry from the first century CE through the medieval period, for instance the historian Ammianus Marcellinus (4th c.); the poet Ausonius, (4th c.), and the medieval scholar, John of Salisbury (12th c.).
SLTN 3890. DIRECTED STUDY IN LATIN. (1 to 4-1 to 4-0). Supervised independent study on a topic not normally covered in regular course offerings. May be repeated when the topic varies. Prerequisite: consent of instructor.

SLTN 4850. ADVANCED COMPOSITION IN LATIN (PROSE). (3-3-0). Supervised independent study of the translation of English prose into Latin, beginning with translations of actual classical works back into Latin, followed by works originally written in English such as the Declaration of Independence, and ending with an original Latin composition by the student. Prerequisite: SLTN 2820.

SLTN 4860. ADVANCED COMPOSITION IN LATIN (POETRY). (3-3-0). Instruction in the techniques of Latin meter. Supervised independent study of the translation of English poetry into Latin, beginning with translations of actual classical works back into Latin, followed by an original Latin composition by the student. Prerequisite: SLTN 2820.

SMAT 1820. PRECALCULUS. (3-3-0). An in-depth treatment of algebra, trigonometry, and analysis topics used in calculus, along with the historical development of analysis. Students may not receive credit for both SMAT 1820 and SMAT 1800.

SMAT 1830. INTRODUCTION TO PURE MATHEMATICS. (3-3-0). An introduction to mathematical logic and thought, classical problems in a variety of areas in pure mathematics, and a historical/cultural perspective of the topics covered. Topics include propositional logic, mathematical induction, number theory, group theory, sets, cardinality, and functions.

SMAT 1840. TOPICS IN APPLIED MATHEMATICS. (3-3-0). An introduction to mathematical topics and techniques incorporated in the core science courses; limited exposure to the central themes of calculus; elementary discrete probability; and interval arithmetic on the real numbers. Includes a historical/cultural perspective on the topics covered. Prerequisite: diagnostic examination.

SMAT 2810. DIFFERENTIAL CALCULUS. (5-5-0). A study of the concepts of functions, limits, continuity, and the derivative. Application of the derivative, antiderivative, and integration. Prerequisite: 1820 with a grade of “C” or better, or a satisfactory score on the placement exam.

SMAT 2820. INTEGRAL CALCULUS. (5-5-0). A continuation of 2810. A study of integrals, conics, transcendental functions, techniques of integration, parametric equations, improper integrals, and applications. Prerequisite: 2810 or consent of instructor.

SMAT 2830. MATHEMATICAL LOGIC AND THE DEDUCTIVE SCIENCES. (3-3-0). An introduction to mathematical logic and its applications. The basic concepts and principles of logic found in all branches of mathematics, and logical laws applied in mathematical reasoning. Applications of logic in mathematical theory building with concrete examples based on concepts and principles of logical deduction. Prerequisites: SMAT 1820 and either SMAT 1830 or 2810.

SMAT 3810. MULTIVARIABLE CALCULUS. (3-3-0). Infinite series topics in vector calculus, and differential equations. Prerequisite: 2820 or consent of instructor.

SMAT 3830. DIFFERENTIAL EQUATIONS. (3-3-0). Solving ordinary differential equations, including linear differential equations, solution by series, Laplace transforms, and applications. Prerequisite: 2820.

SMAT 3850. PRINCIPLES OF MATHEMATICAL MODELING. (3-3-0). Developing, para-meterizing, analyzing, and interpreting mathematical models of real-world problems in the biological, physical, and social sciences. Emphasis on mathematical models as investigative tools, model formulation, and interpretation of results. Prerequisite: 2810, 2820 or 10 hours of calculus.

SMAT 3890. DIRECTED STUDY IN MATHEMATICS. (1 to 4-1 to 4-0). Supervised independent study on a topic not normally covered in regular course offerings. May be repeated when the topic varies. Prerequisite: consent of instructor.

SMUS 3500. MUSIC FOR STAGE AND SCREEN. (3-3-0). An overview of theatre and film music in Western culture, including the genres of opera, operetta, incidental music, and film music. Specific composers and trends will be discussed in an historical and stylistic context.

SOR 1010. SCHOLARS' COLLEGE ORIENTATION. (1-1-0). A required course introducing all incoming students to University life and to the Louisiana Scholars' College: history and traditions, requirements, regulations, academic strategies, career planning, and University resources.

SPHI 2000. SEMINAR IN PHILOSOPHY. (4-4-0). Special topics in philosophy. May be repeated for credit as topics vary.

Subtitle:

01- Greek Moral Theory. An introduction to Eudaimonism, the ancient moral theory based on the premise that all people do pursue, and indeed should pursue, happiness (i.e. “eudaimonia”). Selected works by Plato and Aristotle as well as other, more
contemporary works (such as Habits of the Heart) to get a clear sense of the contrast between ancient moral reasoning and our own. The course also serves as a thorough introduction to ancient philosophy in general.

02- Gnostic Christianity. An historical survey of major Gnostic religious texts from the Sethians (1st-2nd c. CE) to Valentinus and his followers (2nd-3rd c. CE). Some related, non-Gnostic heterodox writings may also be considered, such as The Gospel of Thomas, and The Gospel of Judas. Stress is on the philosophical theology underlying these texts, but issues of ritual practices, gender, and social dynamics will also be considered.

SPHI 2820. INTRODUCTION TO ETHICS. (3 to 4-3 to 4-0). An introduction to ethical theories, including formalism and consequentialism, as well as to practical applications of those theories.

SPHI 2830. ANCIENT PHILOSOPHY. (4-4-0). A historical survey beginning with the Presocratic and concluding in the Hellenistic period. Includes such representative thinkers as Heraclitus, Parmenides, Socrates, Plato, Aristotle, and Sextus Empiricus.

SPHI 2840. MEDIEVAL PHILOSOPHY. (4-4-0). An historical survey of the thought of the Middle Ages. Topics may include: faith and reason, the eternity of the world, the existence of universals, the nature of the divine, and the problem of human freedom and divine foreknowledge. Includes such representative thinkers as Boethius, Augustine, Al-Farabi, Ibn Sina, Maimonides, Anselm, Ibn Rushd, Aquinas, Scotus, and Ockham.

SPHI 2850. THE RELIGIOUS PHILOSOPHIES OF INDIA AND CHINA. (4-4-0). An introduction to the major philosophico-religious texts of India and China, including the Upanishads, the Bhagavadgita, The Laws of Manu, and Analects, and the Tao Te Ching.

SPHI 2860. PHILOSOPHIES OF CHRISTIANITY. (4-4-0). Survey of the historical and philosophical development of Christianity, emphasizing the philosophical theologies of St. Augustine, St. Thomas Aquinas, the Protestant Reformers, Kierkegaard, and others. Prerequisite: sophomore standing.

SPHI 3810. MODERN PHILOSOPHY. (4-4-0). A historical survey beginning with the rationalists and including such thinkers as Descartes, Leibniz, Hobbes, Locke, Berkeley, Hume, Kant, and Hegel. Prerequisite: Sophomore standing.

SPHI 3820. EXISTENTIALISM. (4-4-0). An intensive study of twentieth century existentialism in its philosophical, literary, and artistic manifestations, as reflected in the works of Heidegger, Sartre, Camus, de Beauvoir, Beckett, and Ionesco. Three major precursors of the existential movement--Kierkegaard, Nietzsche, and Kafka--will also be considered.

SPHI 3830. AMERICAN PHILOSOPHY. (4-4-0). Intensive readings in and discussions of the writings of six major thinkers from the “Golden Age” of American philosophy: Pierce, James, Royce, Santayana, Dewey, and Whitehead. Prerequisite: three hours of philosophy and sophomore standing.

SPHI 3840. CONTEMPORARY ANALYTIC PHILOSOPHY. (4-4-0). A survey of analytic philosophy of this and the 20th century through a consideration of movements such as logical atomism, logical positivism, and ordinary language philosophy, and figures such as Frege, Russell, Wittgenstein, Austin, and Quine. Prerequisite: three hours of philosophy and sophomore standing.

SPHI 3850. SYMBOLIC LOGIC. (4-4-0). An introduction to sentential and first-order predicate logic. Emphasis on the language of these logics, translation into their languages from natural languages, and proof techniques. Some attention to the philosophy and history of logic, alternative logics, and metatheory. Prerequisite: sophomore standing.

SPHI 3860. PHILOSOPHY OF KNOWLEDGE. (4-4-0). Central topics in the philosophy of knowledge, including skepticism, justification, truth, and perception. Prerequisite: three hours of philosophy and sophomore standing.

SPHI 3870. PHILOSOPHY OF FILM. (4-4-0). Central topics in the philosophy of film, including the nature of photographic and moving images, as well as issues in aesthetics, epistemology, and ethics as they relate to films and motion pictures. Prerequisite: three hours of philosophy and sophomore standing.

SPHI 3880. STUDY OF A MAJOR PHILOSOPHER. (4-4-0). Intensive study of a major philosopher, emphasizing representative works and critical responses to those works. May be repeated for credit as topic varies. Prerequisite: sophomore standing.

Subtitles:

01- Plato

02- Aristotle
03- Aquinas

04- Descartes

07- Kant

09- Nietzsche

11- William James

**SPHI 3890. DIRECTED STUDY IN PHILOSOPHY.** (1 to 4-1 to 4-0). Supervised independent study on a topic not normally covered in regular course offerings. May be repeated when the topic varies. Prerequisite: consent of instructor.

**SRUS 1700. INTRODUCTION TO RUSSIAN I.** (1-1-0). An introduction to practical spoken Russian for tourism and business.

**SRUS 1710. INTRODUCTION TO RUSSIAN II.** (1-1-0). A continuation of SRUS 1700.

**SRUS 2890. DIRECTED STUDY IN RUSSIAN.** (4-4-0). A course in Russian grammar and conversation for students with at least two years of Russian grammar at high-school level or SRUS 1700/1710, or consent of instructor. This course does not fulfill in any way the Scholars' College language requirement.

**SSCI 2010. SCIENCE SEMINAR I.** (1-1-0). Small group discussions of selected readings by and about scientists and science. This first semester emphasizes oral expression in addition to writing skills. Prerequisites: credit for SCRT 181W and credit for or enrollment in one of the following: SCPN 1830, 1840, 1910, 1920, PHYS 2030, or 2510.

**SSCI 2020. SCIENCE SEMINAR II.** (1-1-0). Small group discussions of selected readings by and about scientists and science. This second semester considers oral expression and writing skills to be important. Prerequisites: credit for SSCI 2010 and credit for or enrollment in one of the following: SCPN 1830, 1840, 1850, 1860, 1910, 1920, PHYS 2030, 2040, 2510, or 2520.

**SSCI 2030. SCIENCE SEMINAR III.** (1-1-0). Small group discussions of selected readings by and about scientists and science. This last semester of the required core sequence emphasizes writing skills in addition to oral expression. Prerequisites: credit for SSCI 2020 and credit for or enrollment in one of the following: SCPN 1830, 1840, 1850, 1860, 1910, 1920, PHYS 2030, 2040, 2510, or 2520.

**SSCI 2040. SCIENCE SEMINAR IV.** (1-1-0). Small group discussion of selected readings by and about scientists and science. Elective satisfying the science requirement of the Liberal Arts minor. Prerequisite: SSCI 2030. May be repeated once for credit.

**SSCI 480T. THESIS RESEARCH - SCIENTIFIC INQUIRY.** (2-0-0). Preparation (independent research and preliminary writing) of a senior thesis or project in the humanities or social sciences. Prerequisite: SLSC 4000.

**SSCI 482T. THESIS - SCIENTIFIC INQUIRY.** (3-0-0). Completion of a senior thesis in mathematics or the sciences. Continuous enrollment is required until the satisfactory completion of the thesis. Prerequisite: 480T, 481T.

**SSOT 3810. GENDER AND CONTEMPORARY SOCIETY.** (4-4-0). Examination of the social bases of gender construction, with emphasis on the ways in which contemporary institutions in industrial societies produce or reinforce gender inequality.

**SSOT 3890. DIRECTED STUDY IN SOCIAL THOUGHT.** (1 to 4-1 to 4-0). Supervised independent study on a topic not normally covered in regular course offerings. May be repeated once when the topic varies. Prerequisite: consent of instructor.

**SSOT 4820. THE SOCIOLOGY OF FAMILIES.** (4-4-0). An examination of the concept and structure of family in Western societies. Emphasis is on competing theoretical paradigms for understanding diverse family forms, and on the sociohistory of family formation (and reformation) from courtship through divorce.

**SSPN 1810. SPANISH I.** (4-4-0). An introduction to Spanish grammar, pronunciation, and vocabulary. The course seeks to develop a knowledge of Spanish culture as well as skill in understanding, speaking, reading, and writing. Students practice in the language lab one hour per week. Prerequisite: SCCT 1810.

**SSPN 2810. SPANISH II.** (4-4-0). A continuation of 1810, emphasizing basic grammar including the past tenses, the future, and the conditional. Students practice in the language lab one hour per week. Prerequisite: 1810 or consent of instructor.
SSPN 2820. SPANISH III. (4-4-0). A comprehensive review of Spanish grammar, reading, discussion, and writing, and an introduction to Spanish and Latin American culture. Students practice in the language lab one hour per week. Prerequisite: 2810 or consent of instructor.

SSPN 2830. SPANISH IV. (3-3-0). A thorough introduction to Hispanic literature and civilization. Prerequisite: 2820 or consent of instructor.

SSPN 3890. DIRECTED STUDY IN SPANISH. (1 to 4-1 to 4-0). Supervised independent study on a topic not normally covered in regular course offerings. May be repeated when the topic varies. Prerequisite: consent of instructor.

SSTA 3810. APPLIED STATISTICS. (3-3-0). Introduction to descriptive and inferential statistics with an emphasis on applications. Topics include Chi-square, G test, t test, Wilcoxon tests, Kruskal-Wallis test, and single, two-way, and nested analysis of variance. Practice using spreadsheets to perform statistical tests. Prerequisite: SMAT 1820.