

**Columbia College Bulletin
Women's College
2015-2016**

Course Descriptions

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Anthropology

ANTH 131. **Introduction to Cultural Anthropology.** A survey course of basic concepts and practices associated with the discipline of Cultural Anthropology, including the concept of culture, some of the components/characteristics involved in the cultural variability of the world's diverse peoples, and the relevance of anthropological thought in today's world. 3 s.h.

ANTH 140. **The Anthropology of Tourism.** Incorporating anthropological and geographical approaches, this course aims to expand the geographic and cultural literacy of students by investigating a variety of roles and perspectives concerning travel and tourism as factors in global and cross-cultural interactions. Students will analyze larger issues of social justice and ethics concerning tourism, travel, and movement as they examine the spatial and human characteristics of various global locations. (Previously offered as Geography 190A.) 3 s.h.

ANTH 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ANTH 190. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ANTH 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ANTH 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ANTH 220. **Anthropology of the Paranormal: Science and Pseudoscience.** This course examines the boundaries between science and pseudoscience through an investigation into a variety of paranormal beliefs and their role in social identity and popular culture. Students will be introduced to some of the claims and beliefs that are classified as 'paranormal,' which have come into everyday consciousness from a wide variety of media, such as television, movies and books. Students will evaluate scientific evidence that confirms or disproves these phenomena and apply critical thinking and scientific reasoning to analyze the available information. Anthropological concepts and approaches will provide interpretive frameworks for discussing the power of myths, beliefs and science. (Previously offered as Anthropology 290A). 3 s.h.

ANTH 240. **Anthropology of Religion.** This course introduces students to a cross-cultural, comparative perspective on religious practice and belief. Students will learn the basic concepts and approaches that anthropologists use for defining religion and its cross-cultural expressions in beliefs, symbols and practices. They will become familiar with the wide variety of beliefs and rituals that anthropologists study as religion, including mythology, ritual specialists and practice, magic, witchcraft, and shamanism. 3 s.h.

ANTH 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ANTH 290. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ANTH 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ANTH 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ANTH 310. **Conflict, Culture and Identity.** This course provides an in-depth examination of the range of variation in cross-cultural behaviors and responses involved in disputes and their resolution, with particular emphasis on methods and issues surrounding conflicts and conflict resolutions in a variety of non-Western societies. While the focus is primarily on small-scale societies typically studied by anthropologists and the models/cultural perspectives these groups use to resolve disputes and negotiate settlements, students will compare and analyze conflict in societies of varying size and complexity, including our own. (Previously offered as Anthropology 390A). 3 s.h.

ANTH 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ANTH 390. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ANTH 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ANTH 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ANTH 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ANTH 490. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ANTH 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ANTH 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Art

NOTE: The Division of Arts and Communication Studies reserves the right to charge a fee for some Art courses to assist in covering the cost of provided materials. The Division of Arts and Communication Studies reserves the right to retain a few works of art from each student for inclusion in the permanent collection.

ART 108. **Drawing I.** The development of perceptual and recording skills involving a variety of media and techniques. Contour, proportion, range and transitions in value, figure-ground relationships and presentation will be stressed. Primary subjects will involve portraits and still-life. (Not available to students who have taken Art 106.) 3 s.h.

ART 109. **Drawing II.** (Prerequisite: Art 108.) Extension and refinement of basic skills developed in Art 108 plus studio exercises involving linear and atmospheric perspective. The student will begin to explore the relationship between basic skills, conceptual strategies and personal expression. Students will develop courage through incorporation of risk into their creative process and opportunities to assess and defend projects in critiques. (Not available for students who have taken Art 107.) 3 s.h.

ART 120. **Beginning Framing and Preparator Studies.** (May not be taken by students who have credit for Art 190P) An introductory course intended to teach basic yet broad skills and knowledge in the areas of framing and gallery preparator skills as they relate to an academic art gallery environment. 1 s.h.

ART 151. **Two-Dimensional Design and Color.** An introduction to basic two-dimensional design with exploration of abstract concepts of composition and perception, a variety of media, color theory and basic studio processes. Students will experiment with a variety of solutions to visual problem solving, developing the courage to incorporate risk into their creative process. 3 s.h.

ART 152. **Three-Dimensional Design.** An introduction to basic three-dimensional design with an emphasis on exploring formal elements which comprise 3-D form. Students will experiment with a variety of solutions to visual problem solving, developing the courage to incorporate risk into their creative process. 3 s.h.

ART 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ART 190. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ART 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ART 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ART 200. **Beginning Painting.** (Prerequisites: Art 109 and 151.) An introduction to basic painting techniques, materials and concepts with an emphasis on the development of formal, conceptual and expressive skills. A variety of themes are explored, allowing students to determine which conceptual values are important to them. Their commitment to those values will be reflected in their visual responses to these themes. 3 s.h.

ART 204. **Introduction to Art: Media and Techniques.** (Previously offered as Art 104.) An introductory course designed specifically for the non-art major. This course provides students with hands-on critical, aesthetic, and historical experiences in a wide variety of two- and three-dimensional media and techniques. 3 s.h.

ART 205. **Introduction to Art: Survey and Interpretation.** (Previously offered as Art 105.) A general survey of terminology, techniques and historical information involving the development of Western art and influences from other cultures. Attention will be given to the ability to analyze, interpret and evaluate works of art. 3 s.h.

ART 206. **Beginning Life Drawing.** (Prerequisite: Art 109.) The student will complete studies from models in a variety of media and techniques designed to establish a better understanding of the human form and strengthen basic perceptual and technical skills. 1-2 s.h.

ART 208. **Intermediate Drawing.** (Prerequisite: Art 109.) Extension and refinement of basic skills developed in Art 108, 109 and other previous studio experiences. The course is designed to help the student make choices regarding imagery, media, and format. Commitment to personal values and goals will be explored through further development of conceptual strategies and meaningful expression using drawing techniques. 3 s.h.

ART 210. **Beginning Ceramics.** A foundational course exploring the creation of clay forms by hand-building and wheel-thrown techniques. Emphasis is placed upon developing the technical proficiency required for these techniques. A variety of themes are explored, allowing students to determine which conceptual values are important to them. Their commitment to those values will be reflected in their visual responses to these themes. 3 s.h.

ART 220. Intermediate Framing and Preparator Studies. (Prerequisite: Art 120) (May not be taken by students who have credit for Art 290P) This course is intended to continue building skills and knowledge acquired in the introductory framing and preparator course as they relate to the small academic art gallery environment. 1 s.h.

ART 230. Beginning Printmaking. (Prerequisites: Art 109 and 151.) A survey of basic printmaking processes (relief, intaglio, stencil and planographic) plus studio projects involving a variety of printing techniques, registration and appropriate presentation. Commitment to personal values and goals will be explored through further development of conceptual strategies and meaningful expression. 3 s.h.

ART 261. History of Art: Ancient to Renaissance. Historical survey of painting, sculpture, and architecture from the Paleolithic era to the Renaissance. 3 s.h.

ART 262. History of Art: Renaissance to 20th Century. Historical survey of painting, sculpture, and architecture from the beginning of the Renaissance to the 20th century. 3 s.h.

ART 270. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ART 271. Beginning Graphic Design. (Prerequisites: Art 151, 204, or 285.) An introduction to the principles and practices of graphic design including language of design, principles and techniques, and commercial practice. A variety of themes are explored, allowing students to determine which conceptual values are important to them. Their commitment to those values will be reflected in their visual responses to these themes. 3 s.h.

ART 285. Introduction to Photography. (Student must have access to 35mm SLR manual camera.) An introduction to photography as a visual language with an emphasis on material, process, technique and composition. A variety of themes are explored, allowing students to determine which conceptual values are important to them. Their commitment to those values will be reflected in their visual responses to these themes. 3 s.h.

ART 290. Special Problems. A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ART 291. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ART 292. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ART 300. Intermediate Painting. (Prerequisite: Art 200.) A continuation of Art 200 with an emphasis on the further development of formal, conceptual and expressive skills in relationship to painting. Students will develop confidence in applying the technical, perceptual and conceptual skills gained in previous courses to visual problems within the context of contemporary trends and practices in painting. 3 s.h.

ART 306. Intermediate Life Drawing. (Prerequisite: Art 206.) Extension and refinement of skills developed in Art 206 with emphasis given to abstraction and expressive qualities. 1-2 s.h.

ART 308. Intermediate/Advanced Drawing. (Prerequisite: Art 208.) Extension and refinement of skills developed in Art 208 and other studio experiences with greater emphasis placed on meaningful personal expression. Students will develop confidence in applying the technical, perceptual and conceptual skills gained in previous courses to visual problems within the context of contemporary trends and practices in drawing. 3 s.h.

ART 330. Intermediate Printmaking. (Prerequisite: Art 230.) An in-depth development of skills involving one or two of the processes covered in Art 230 with greater emphasis given to meaningful personal expression. Students will develop confidence in applying the technical, perceptual and conceptual skills gained in previous courses to visual problems within the context of contemporary trends and practices in printmaking. 3 s.h.

ART 340. The Business of the Arts. This course will explore the dynamic interrelationships between creativity and professional practices in the arts. Successful people in the arts, whether they work in the for-profit or nonprofit world, have to deal with the complex issues of marketing, legal agreements, financing, audience development and public engagement. We will explore highly successful national as well as local figures who have mastered both skill sets to create balanced, sustainable entrepreneurial careers in the arts. 3 s.h.

ART 342. Teaching and Learning through Art (Not open to students who have received credit for Art 341 or Ed 339.) This course will explore the application of theoretical and practical aspects of teaching children art in an elementary classroom setting. This course provides opportunities for teacher candidates to (1) develop basic knowledge and skills relating to a discipline-based approach to art education in areas of art production, art criticism, and aesthetics and (2) develop appropriate skills and a knowledge base necessary to teaching with and through the arts, including using art as a teaching tool in other subjects. 3 s.h.

ART 360. Art History Through Travel. (Previously offered as Art 390C and 390J.) Either domestic or international student tours that offer an intensive experience of major cultural centers in the US or worldwide. Each tour requires 6-7 preparatory sessions to provide a general art historical survey and a more specialized local overview. The tours focus on observations in the fine arts and architecture as well as on observations of diverse and common elements in various cultures and among people. Students have the option of taking this course and the travel as their Leadership Semester by co-enrolling in Art 399LS and guiding part of the travel including explanation and analysis of art work on site and a written reflective analysis after the travel. The planning, implementation, and evaluation required for these extra tasks will enhance the pillars of leadership identified by the College: Courage, Commitment, Confidence, and Competence. This course may be repeated for credit multiple times as long as the tour sites are different. Additional fees are charged for costs beyond tuition. A total of 3 semester hours must be taken to satisfy the general education requirements in the fine arts. 1-3 s.h.

ART 361. Issues in Contemporary Art. This course guides students in the study of critical issues in modern and post modern art and relevant methodologies and theories: formalism, aesthetics and beauty, identity (race, ethnicity, gender, sexual orientation), Marxism (cultural studies), semiotics (structuralism and deconstruction), Freudian and Jungian psychoanalysis, feminist art, public art, social commentary, etc. Elements of contemporary professional art practice are included, as well as the writings of artists' statements, biographies, and resumé. (Previously offered as Art 390D.) 3 s.h.

ART 362. History of Art: International Women Filmmakers. The course is aimed at introducing students to the accomplishments of women filmmakers worldwide from its beginnings to today. The course provides the necessary tools to analyze and interpret individual films as art works, and it focuses on issues presented by women film directors. One major idea to be discussed throughout the semester is whether or not women approach themes and life events differently from men, and accordingly create different solutions to life and world problems as presented in their films. 3 s.h.

ART 363. History of Art: Modern. (Previously offered as Art 163 and Art 263; open only to sophomores, juniors and seniors.) (Prerequisite: Satisfactory completion of the Oral Communication requirement.) Historical survey of painting, sculpture, and architecture of the 20th and 21st centuries. 3 s.h.

ART 364. History of Art: Women Artists. (Open only to sophomores, juniors and seniors.) Historical survey of visual art works created by women from the Middle Ages to the 21st century. The class examines the topic with the help of original art works, as well as scholarly literature, selected historical fiction, and films. The discussions about women artists focus on issues of women's leadership, cultural diversity, globalization, and social justice. Students have the option of taking this course as their Leadership Semester by co-enrolling in Art 399LS and organizing and presenting a special class session (e.g., a woman artist as speaker for the class, a field trip to see art work by women, etc.) and a written reflective analysis of the entire course at the end of the semester. The planning, implementation, and evaluation required for these extra tasks will enhance the pillars of leadership identified by the College: Courage, Commitment, Confidence, and Competence. 3 s.h.

ART 366. History of Art: African American Artists. (Open only to sophomores, juniors and seniors. Satisfactory completion of the College Writing I requirement.) Historical survey of visual art works including selected feature films by African American artists from the 17th century to the present. The class examines the topic with the help of original art work, as well as scholarly literature, selected historical fiction, and documentary films. The analysis and interpretation of the art works address historical, political, and social factors of race and justice in America. Students have the option of taking this course as their Leadership Semester by co-enrolling in Art 399LS and organizing and presenting a special class session (e.g., an African American artist as speaker for the class, a field trip to see art work by African American artists, etc.) and a written reflective analysis of the entire course at the end of the semester. The planning, implementation, and evaluation required for

these extra tasks will enhance the pillars of leadership identified by the College: Courage, Commitment, Confidence, and Competence. 3 s.h.

ART 368. History of Art: German Expressionism. (Open only to sophomores, juniors and seniors.) Survey of the German Expressionist movement (early 20th century), including painting, graphics, sculpture, film and literature. Discussions and student research should result in the profound understanding of the interconnectedness between the liberal arts disciplines, especially visual arts, architecture, literature, film, music, and history, as well as in clear insights into the political and sociological situation in Europe before WWI and between WWI and WWII. 3 s.h.

ART 370. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ART 370E. Exhibition/Preparator Internship. (Prerequisites: 12 semester hours in studio, cumulative c+ average, B average in art courses at Columbia College, consent of Instructor and Program Coordinator.) Provides the student with the opportunity to build confidence for the transition from academia to the work environment. With faculty supervision, provides the student with on-the-job experiences at a gallery or museum with framing, appropriate techniques for installation of exhibits, care for works of art, and/or other related preparator work. 1-4 s.h.

ART 370G. Graphic Design Internship. (Prerequisites: Art 271 and 371, cumulative C+ average, B average in art courses at Columbia College, and consent of Instructor and Program Coordinator.) Provides the student with the opportunity to build confidence for the transition from academia to the work environment. With faculty supervision, provides the student with on-the-job graphic design experience with a freelance designer, design studio, advertising agency, or company. 1-4 s.h.

ART 370M. Museology Internship. (Prerequisites: Six semester hours in Art History cumulative C+ average, B average in art courses at Columbia College, and consent of Instructor and Program Coordinator.) Provides the student with the opportunity to build confidence for the transition from academia to the work environment. With faculty supervision, provides the student with on-the-job experience at a museum or gallery focusing on research and other curatorial responsibilities linked to exhibition preparations. 1-4 s.h.

ART 370P. Photography Internship. (Prerequisites: Art 285, 384, cumulative C+ average, B average in art courses at Columbia College, and consent of Instructor and Program Coordinator.) Provides the student with the opportunity to build confidence for the transition from academia to the work environment. With faculty supervision, provides the student with on-the-job photography experience with a local studio, agency, or company. 1-4 s.h.

ART 370S. Studio Internship. (Prerequisites: 12 semester hours in studio, cumulative C+ average, B average in art courses at Columbia College, and consent of Instructor and Program Coordinator.) Provides the student with the opportunity to build confidence for the transition from academia to the work environment. With faculty supervision, provides the student with on-the-job experience with a local artist who specializes in a particular medium. 1-4 s.h.

ART 371. Intermediate Graphic Design. (Prerequisite: Art 271.) A continuation of Art 271 with an emphasis on the solution of corporate and editorial design problems using technical and conceptual skills developed in Art 271. Students will develop confidence in applying the technical, perceptual and conceptual skills gained in previous courses to visual problems within the context of contemporary trends and practices in graphic design. 3 s.h.

ART 385. Intermediate Photography. (Prerequisite: Art 285. Student must have access to a camera with manual control of exposure and focus.) A continuation of Art 285 with an emphasis on the further development of formal, conceptual and expressive skills in relationship to photography. Students will develop confidence in applying the technical, perceptual and conceptual skills gained in previous courses to visual problems within the context of contemporary trends and practices in photography. 3 s.h.

ART 390. Special Problems. A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ART 391. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ART 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ART 399LS. **Art Leadership Semester.** (Prerequisite: Junior standing and Consent of Instructor.) Practical, theoretical, and critical experience in leadership as applied to the disciplines of visual art or art history. A student must develop a Leadership Semester Proposal for a course-related leadership project that indicates how her work for Art 399LS offers her opportunities to develop as a leader based upon the Four C's of Leadership. Courses eligible for co-enrollment for Art 399LS are Art 360, 361, 364, 366, 370E, 370G, 370M, 370P, 370S, and 495. This course may be repeated for credit multiple times. 1 s.h.

ART 400. **Advanced Painting.** (Prerequisite: Art 300.) A senior level capstone studio course in painting. Work developed by students during this course will reflect their synthesis of ideas presented in earlier courses and their technical and conceptual competence in the area of painting. 3 s.h.

ART 408. **Advanced Drawing.** (Prerequisite: Art 308 or 2 s.h. of Art 306.) A senior level capstone studio course in drawing. Work developed by students during this course will reflect a synthesis of ideas and technical and conceptual competence at a senior level in drawing. 3 s.h.

ART 430. **Advanced Printmaking.** (Prerequisite: Art 330.) A senior level capstone studio course in printmaking. Work developed by students during this course will reflect their synthesis of ideas presented in earlier courses and their technical and conceptual competence at a senior level in printmaking. 3 s.h.

ART 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ART 471. **Advanced Graphic Design.** (Prerequisite: Art 371.) A senior level capstone studio course in graphic design. Work developed by students during this course will reflect their synthesis of ideas presented in earlier courses and their technical and conceptual competence in the area of graphic design. 3 s.h.

ART 484. **Advanced Photography.** (Prerequisite: Art 384. Student must have access to a 35 mm SLR manual camera.) A senior level capstone studio course in photography. Work developed by students during this course will reflect their synthesis of ideas presented in earlier courses and their technical and conceptual competence in the area of photography. 3 s.h.

ART 490. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ART 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ART 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ART 495. **Senior Exhibit.** (Prerequisite: Three semester hours of senior level studio credit at Columbia College with a grade of "B" or better; successful completion of program criteria for participation in Senior Exhibit.) A course which allows the participating senior opportunities to prepare a selection of her senior studio products for exhibition. Students will collaborate with classmates on preparations for an exhibit, including the following: establishment of a budget; design, printing, and distribution of invitations; design and printing of a brochure; planning for a reception; installation, tagging, and lighting works for show; and removal of works from the gallery. Students have the option of taking this course as their Leadership Semester with the addition of Art 399LS. There is a minimum \$50 lab fee for the course. 3 s.h.

Biology

BIO 100. Biological Science. An introduction to the principles of the life sciences for non-science majors. Scientific methodology, fundamentals of molecular and cellular biology, genetics, animal and plant classification and diversity, evolution, and ecology will be emphasized. Three lecture hours and three laboratory hours scheduled weekly. (Not open to students with credit in Biology 110.) 4 s.h.

BIO 101. Science Seminar A series of scientific presentations and discussions offered by students, faculty and invited speakers. One hour per week offered only in the spring semesters. Student requirements increase as the level of the seminar increases. (Also listed as Chemistry 101.) 1 s.h.

BIO 105. Human Biology. An introduction to the principles of human biology for non-science majors, with emphasis on cells, tissues, organs, and organ systems. Human environmental and population issues will also be discussed. Three lecture hours and three laboratory hours scheduled weekly. (Not open to students with credit in Biology 230 or 330.) 4 s.h.

BIO 110. Foundations of Biology. An introduction to unifying biological principles with emphasis on scientific methods, basic biochemistry, cellular form and function, metabolism, and genetics. A minimum grade of C is required to continue from this course into the Biology Major. Three lecture hours and three laboratory hours scheduled weekly. 4 s.h.

BIO 120 Human Health and Epidemiology. (Prerequisite: Mathematics 120 or Mathematics 140 or consent of instructor) (Three hours lecture and one three-hour laboratory weekly) A course that introduces the historical contributions and modern uses of epidemiology. The course will include the basic tools of epidemiologic analysis, including case definitions and populations, incidence, prevalence, and case-fatality rates. Students will consider the meaning, scope, and applications of epidemiology to public health practice and the use of vital statistics data in the scientific appraisal of community health. Cross-listed as Public Health 120. 4 s.h.

BIO 130. Human Anatomy and Physiology. A survey of human biological form and function for non-science majors. Three lecture hours and three laboratory hours scheduled weekly. Not open to students with credit for BIO 230 or BIO 330. 4 s.h.

BIO 131. Development and Enhancement of Problem-solving and Think Habits Part I. This course is part one of a two semester seminar sequence. The fall course will focus on developing strong problem solving and reasoning skills and effective collaboration through group work. Many problems presented in this course will come from mathematics but also from the sciences. The course will include a fall weekend workshop and will then meet for one hour every other week. (Cross-listed as Chemistry 131 and Mathematics 131.) 1 s.h.

BIO 132. Development and Enhancement of Problem-solving and Think Habits Part II. (Prerequisite: Biology/Chemistry/Mathematics 131.) This course is part two of a two semester seminar sequence. The spring course will build upon the skills learned through Biology/Chemistry/Mathematics 131 and will focus on applying acquired skills to a real-life problem. The major end product of the course will include a formal presentation at Spearsfest The course will meet for one hour every week. (Cross-listed as Chemistry 132 and Mathematics 132.) 1 s.h.

BIO 170. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

BIO 190. Special Problems. A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

BIO 191. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

BIO 192. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

BIO 201. **Science Seminar** (Prerequisite: Biology/Chemistry 101) A series of scientific presentations and discussions offered by students, faculty and invited speakers. One hour per week offered only in the spring semesters. Student requirements increase as the level of the seminar increases. (Also listed as Chemistry 201.)1 s.h.

BIO 225. **Biodiversity**. (Prerequisite: BIO 110) A survey of species across major biological taxa with emphasis on patterns and mechanisms of evolution within the Eukarya. Three lecture hours and three laboratory hours scheduled weekly. 4 s.h.

BIO 230. **Human Anatomy**. (Prerequisite: BIO 110) A tour of human biological form and function, including integumentary, skeletomuscular, neuroendocrine, cardiovascular, respiratory, digestive, excretory, and reproductive systems. Laboratory activities will include detailed dissection of a cat or other representative mammal. Three lecture hours and three laboratory hours scheduled weekly. 4 s.h.

BIO 240. **Ecology**. (Prerequisite: BIO 110) A study of relationships among organisms in environmental context with emphasis on field research techniques, mathematical modeling, and review of primary literature. Three lecture hours and three laboratory hours scheduled weekly. 4 s.h.

BIO 265. **Microbiology**. (Prerequisite: Biology 110.) An introduction to the morphology, physiology, classification, immunology, medical importance, and economic significance of microorganisms including bacteria, viruses, molds, yeasts, and protozoa. Laboratory work will stress technique and cultivation of microorganisms. Three lecture hours and three laboratory hours scheduled weekly. 4 s.h.

BIO 270. **Internship**. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

BIO 290. **Special Problems**. A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

BIO 291. **Independent Study**. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

BIO 292. **Independent Study**. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

BIO 301. **Science Seminar** (Prerequisite: Biology/Chemistry 201) A series of scientific presentations and discussions offered by students, faculty and invited speakers. One hour per week offered only in the spring semesters. Student requirements increase as the level of the seminar increases. (Also listed as Chemistry 301.)1 s.h.

BIO 321. **Parasitology**. (Prerequisite: Biology 225.) The life cycles, morphology, ecology, adaptations, pathology, and taxonomy of animal and human parasites. Three lecture hours and three laboratory hours scheduled weekly. 4 s.h.

BIO 330. **Human Physiology**. (Prerequisite: BIO 230) This course will provide an overview of the basic cell processes of integration and coordination. The mechanisms of homeostasis and control will be considered, specifically as they relate to: the nervous system, sensory physiology, autonomic and somatic motor control, cardiovascular physiology, blood flow/blood pressure, mechanics of breathing, gas exchange/transport, kidneys, endocrine, immune, and reproductive physiology. Three lecture hours and three laboratory hours scheduled weekly. 4 s.h.

BIO 340. **Marine Biology**. (Prerequisite: Biology 253.) A survey of microbial, animal and algal diversity in the marine environment with emphasis on biological form and function, coastal systems ecology and fisheries applications. Includes reading and discussion of primary literature. Three lecture hours and three laboratory hours scheduled weekly. 4 s.h.

BIO 342. **Biochemistry**. (Prerequisite: BIO 110 and Chemistry 261) A detailed study of the major classes of biomolecules including carbohydrates, lipids, amino acids, structural proteins, enzymes, and nucleic acids. Chemical features and

biological functions of these molecules will be examined in the context of intermediary metabolism. Three lecture hours and three laboratory hours scheduled weekly. (Also listed as CHEM 342) 4 s.h.

BIO 350. Molecular Cell Biology. (Prerequisite: Chemistry 122, Biology 225. Chemistry 261 is highly recommended as a prior or concurrent course.) This course considers the chemistry of life, the thermodynamic principles that govern cellular chemistry, the role of enzymes, nucleic acid function, protein synthesis, and the cellular organelles' roles in the integration of the basic unit of life. Both prokaryotic and eukaryotic cell function are considered. Three lecture hours and three laboratory hours scheduled weekly. 4 s.h.

BIO 360. Conservation Biology. (Prerequisite: BIO 240) An advanced seminar based on case studies of human impacts on biological systems, with emphasis on species extinction, environmental toxicology, non-sustainable harvesting, and restoration ecology. Three lecture hours and three laboratory hours scheduled weekly. 4 s.h.

BIO 370. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

BIO 381. Genetics. (Prerequisite: Biology 225.) Principles of Mendelian heredity, linkage, mutation, sex determination, and eugenics. The working of problems will be stressed. Three lecture hours and three laboratory hours scheduled weekly. 4 s.h.

BIO 390. Special Problems. A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

BIO 391. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

BIO 392. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

BIO 399LS. Science Leadership Semester. (Prerequisite: junior standing and approval of the Division.) An individualized exploration of leadership as experienced through activities associated with scientific disciplines. Students wishing to complete a Leadership Semester may do so by coupling an experiential learning opportunity with reflective analysis focused on leadership. Appropriate science-related experiences may include the following: (1) internship, employment, or volunteering at a science-related government agency, public service office, or business (2) a research project or experiential learning course pursued at Columbia College or another institution. Approved experiences will involve at least 25 hours of documented activity and will be accompanied by four assessed products: a brief proposal, to be submitted to the Program Coordinator at least 1 week before the start of the semester in which the experience occurs, a reflective journal of the experience, a final analytical paper, and an oral presentation. Content and formatting guidelines for each product will be provided. 1 s.h.

BIO 401. Science Seminar. (Prerequisite: Biology/Chemistry 301) A series of scientific presentations and discussions offered by students, faculty and invited speakers. One hour per week offered only in the spring semesters. Student requirements increase as the level of the seminar increases. (Also listed as Chemistry 401.) 1 s.h.

BIO 413. Histology. (Prerequisite: Biology 230.) Provides a comprehensive study of human microanatomy. Lecture will focus on discerning the relationships between morphological structure and function. Laboratory exercises will focus on a thorough examination of human tissue samples from all systems of the human body. The aim of this course is to prepare premedical, pre-dental, pre-veterinary, and nursing students for advanced study of medically oriented biological systems. Three lecture hours and three laboratory hours scheduled weekly. 4 s.h.

BIO 442. Advanced Biochemistry. (Prerequisite: BIO 342.) A detailed study of the biosynthesis and metabolism of carbohydrates, lipids, proteins, and nucleic acids, including gluconeogenesis, glycogen metabolism, pentose phosphate pathway, β -oxidation, fatty acid biosynthesis, ketone bodies, eicosanoid biosynthesis, cholesterol biosynthesis, bile acids, steroid hormone biosynthesis, the nitrogen cycle, synthesis and degradation of amino acids, nucleotide biosynthesis, and

purine/pyrimidine metabolism. Three lecture hours and three laboratory hours scheduled weekly. (Also listed as Chemistry 442.) 4 s.h.

BIO 450. Immunology. (Prerequisite: Biology 225, Biology 265.) A study of the basic concepts of the immune response, the properties of antigens and antibodies, immunologic specificity, and cellular and human immunity. Three lecture hours and three laboratory hours scheduled weekly. 4 s.h.

BIO 470. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

BIO 490. Special Problems. A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

BIO 491. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

BIO 492. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Business

BUS 101. Business in Practice. This introductory course offers an overview of the organization, functions, operations and roles of businesses. It presents and discusses career prospects in various business areas highlighting the opportunities that each presents. The course is primarily offered to first year students interested in learning about applied business practices. 3s.h.

BUS 170. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

BUS 190. Special Problems. A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

BUS 191. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

BUS 192. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

BUS 202. Principles of Management. (Prerequisite: Business 101.) This course focuses on the primary functions of management, to include the planning, organizing, leading, and controlling of organizational resources for the purpose of achieving organizational goals. 3 s.h.

BUS 203. Principles of Marketing. (Prerequisite: Business 101.) Principles and methods involved in the promotion mix used to communicate with the consumer, middleman, and industrialist. Emphasis on psychological, cultural and sociological factors affecting consumer behavior. 3 s.h.

BUS 261. Principles of Accounting I. (Prerequisite: Business 101 and grade of C or better in Mathematics 104, 107 or 160) An elementary course in the principles and application of financial accounting. 3 s.h.

BUS 262. Principles of Accounting II. (Prerequisite: Business 261 and Grade of C or better in Mathematics 104, 107 or 160.) An elementary course in managerial accounting. The emphasis is on providing information for management's use in making production, marketing, and financial decisions. 3 s.h.

BUS 270. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

BUS 271. Personal Financial Management. (Prerequisites: English 101) Introduction to the field of personal financial management and planning, focusing on the tools individuals and families employ to manage their cash, credit cards, investments, taxes, housing and automobile needs, insurance, and other financial activities. 3 s.h.

BUS 290. Special Problems. A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

BUS 291. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

BUS 292. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

BUS 300. Ethics in the Workplace. This course focuses on ethical issues surrounding the workplace. Topics are introduced by way of case studies which students are invited to explore through a mix of interdisciplinary readings that inspire greater contextual understanding. (Previously offered as Business 390P, Philosophy 390P) 3 s.h.

BUS 301. Business Law. A course designed to give students an awareness of those aspects of the law needed in day-to-day dealings with business. Emphasis placed upon the law of contracts, negotiable instruments, wills, and current issues. 3 s.h.

BUS 310. e-Business. This fundamental course focuses on identifying the basic terms, concepts and rules that characterize e-business activities using internet-centric technologies. The course highlights the impact of e-commerce on the internal organization and its stake holders. 3 s.h.

BUS 311. Business Law and Ethics. A course designed to give students an awareness of aspects of laws and ethics needed in day-to-day dealings with business. Emphasis placed upon the law of contracts, negotiable instruments, wills, and current issues. It also focuses on ethical issues surrounding the workplace. Topics are introduced by way of case studies which students are invited to explore through a mix of interdisciplinary readings that inspire greater contextual understanding. 3 s.h.

BUS 320. Marketing Analysis. (Prerequisites: Business 303.) Application of software supplement for use with a personal computer system. Students are involved with solving computer problems related to the marketing environment. The course integrates the fundamentals of marketing (product, promotion, price, and distribution) into a marketing-oriented simulation. The students are required to act independently as small business decision makers. (Previously offered as Business 390C.) 3 s.h.

BUS 325. Entrepreneurship. Considers the contributions of the functional areas of Accounting, Economics, Finance, Management, and Marketing to the entrepreneurial firm. Examines various forms of small business ownership, to include purchasing a franchise or existing business and starting a new business. 3 s.h.

BUS 333LS. Strategies for Effective Organizational Leadership. (Prerequisites: Business 302.) Examines characteristics of effective leaders in organizations. Issues included are: communication, motivation, group dynamics, conflict resolution, and gender differences in leadership styles. 3 s.h.

BUS 340. Organizational Behavior. This course examines the behavior of individuals and work groups within organizational settings. Primary emphasis is on the role of managers/leaders in their interactions with individual employees and the work group. 3 s.h.

BUS 341. Developing Interpersonal Skills. (Prerequisites: Business 302.) This is an applied course that focuses on developing selected interpersonal skills of the manager, leader, entrepreneur, and others in organizational settings in communicating with employees on a one-to-one basis. The course covers such topics as positive reinforcement, coaching, active listening, delegation, goal setting, problem solving, and discipline of employees. Focus is on helping the students gain a beginning competency in their ability to demonstrate these skills. 3 s.h.

BUS 350. Computer Applications of Business. (Prerequisite: Satisfactory completion of the Quantitative Reasoning requirement.) This course gives the student hands-on experience in using computer technology for business and accounting applications. Develops knowledge and skills to enhance decision-making, record keeping, and the overall quality of work life. The student will be able to analyze the business environment and enhance operational efficiency. 3 s.h.

BUS 353. Introduction to Business Analytics. (Prerequisites: Business 350 and Mathematics 140): This course introduces the basic skills of performing business analytics using contemporary software. 3 s.h.

BUS 360. Accounting Information Systems. (Prerequisite: Grade of C or better in Business 261 and 262, Mathematics 104.) This course provides an introduction to the concepts underlying information systems as they relate to managerial decision making and accounting. Students will apply concepts, techniques and procedures to the planning, analysis and design of computer-based information systems. (Previously offered as Business 390J.) 3 s.h.

BUS 363. Intermediate Accounting I. (Prerequisites: Grade of C or better in Business 261 and 262, Mathematics 104.) A study of financial accounting. The course covers detailed study of accounting principles. Main focus is on accounting theory and practice. Application as to determination of assets value and related problems of income measurement. 3 s.h.

BUS 364. Intermediate Accounting II. (Prerequisites: Grade of C or better in Business 261 and 262, Business 363, Mathematics 104.) A further study of financial accounting principles. Emphasis is placed on theory and concepts relating to the corporate capital structure. Additional topics covered are pension, lease and cash flow statement. 3 s.h.

BUS 367. Federal Income Tax Accounting. (Prerequisite: Grade of C or better in Business 261 and 262, Mathematics 104.) An introduction to the theory and practice of federal income taxation for individuals and corporations. A practice set will be used to give the student practical application. Special emphasis will be given to individual tax planning. 3 s.h.

BUS 368. Cost Accounting. (Prerequisites: Grade of C or better in Business 261 and 262, Mathematics 104.) A basic consideration of cost principles and procedures as applied to manufacturing concerns. Emphasis will be placed on the analysis of information for managerial decision making within a manufacturing concern. 3 s.h.

BUS 370. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

BUS 371. Business Finance. (Prerequisites: Business 261 and 262 or Business 264, Mathematics 104.) An investigation into the nature of organization finance and its relation to the economy and other aspects of business management. 3 s.h.

BUS 380. Principles of Retailing. (Prerequisite: Business 303.) A study of the fundamentals of retailing, retail advertising, management, organization, and controls. 3 s.h.

BUS 390. Special Problems. A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

BUS 391. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

BUS 392. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

BUS 400LS. Global Leadership Competencies. This course outlines the global leadership qualities necessary to guide teams, build trust, manage projects, and communicate effectively in the business environment. Special attention is given to the business leadership impact of global networks, global thinking and global strategic planning. 3 s.h.

BUS 401. Seminar in International Business. (Prerequisite: Senior Standing.) This course provides an understanding of the international business environment facing the multinational firm, focusing on the challenges and opportunities it presents. (Previously offered as Business 390E and 390F.) 3 s.h.

BUS 405. International Business Negotiation. (Prerequisite: Satisfactory completion of the Oral Communication requirement.) An experiential learning course that emphasizes cultural variances in international business negotiations. (Previously offered as Business 490B and Business 491J.) 3 s.h.

BUS 409. Data Visualization. (Prerequisites: Business 350 and Mathematics 140): This course introduces computer skills of visualizing data for business representation and reporting. 3 s.h.

BUS 410. Advanced Topics in Business Analytic. (Prerequisite: Business 353): This capstone course introduces a number of advanced topics in business analytics, including data warehouse, data and text mining, and business intelligence. 3 s.h.

BUS 444. Business Strategy. (Prerequisites: Senior standing and Business 302, 303, and Economics 201.) This course synthesizes students' knowledge of the functional areas of business by focusing on the formulation and execution of business strategies so as to achieve sustained competitiveness of a company. (Previously offered as Business 490C.) 3 s.h.

BUS 455. Research Methods. (Prerequisites: Business 302, Business 303 and Mathematics 140.) A study of the scientific process and research methods and procedures used in decision-making. Emphasis is on the collection and interpretation of data and the relationship of research to the policies and functions of the firm. 3 s.h.

BUS 465. Advanced Accounting. (Prerequisites: Grade of C or better in Business 261 and 262, Business 363 and 364, Mathematics 104.) A study of theories applicable to specific business situations such as consolidated statements, governmental accounting, business combinations and liquidations. 3 s.h.

BUS 466. Auditing. (Prerequisites: Grade of C or better in Business 261 and 262, Business 363, Mathematics 104.) Fundamental principles and practices of internal and external auditing. Includes an in-depth discussion of internal control and audit procedures. 3 s.h.

BUS 470. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

BUS 470I. Internship in Business. (Prerequisite: All major requirements completed, senior status and minimum of 2.5 GPA in Business Major requirements.) Individual work under faculty supervision with evaluation based upon appropriate evidence of achievement. Mandatory Pass/Fail. 4 s.h.

BUS 471. Human Resource Management. (Prerequisite: Business 302.) An overview of the primary activities and functions performed by the Human Resource Department of an organization, to include the forecasting of human resource needs, the selection, training, evaluation, and compensation of employees, and labor relations. 3 s.h.

BUS 474. Senior Seminar in Management. (Prerequisites: Business 302.) Through the use of case studies and critical incidents, this course examines the policy implications of managerial decision-making related to contemporary issues in the workplace such as sexual harassment, abusive discharges, comparable worth, implementing change, drug testing, and AIDS. 3 s.h.

BUS 490. Special Problems. A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

BUS 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

BUS 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Chemistry

CHEM 100. **Extraordinary Chemistry.** (Previously offered as Chemistry 190B.) (Three hours lecture and one three-hour laboratory weekly.) General Education course. Designed for the non-science major, this course presents chemistry as an experimental science and draws on chemical principles to illustrate both the workings of science and the scientific method. Basic chemical principles are discussed and then applied to everyday situations. Topics vary, but usually include medicines, foods, pollution and environmental issues, forensic science, and common consumer products. (Not open to students with credit in Biology 290A or Chemistry 290A.) 4 s.h.

CHEM 101. **Science Seminar.** A series of scientific presentations and discussions offered by students, faculty and invited speakers. One hour per week offered only in the spring semesters. Student requirements increase as the level of the seminar increases. (Also listed as Biology 101.) 1 s.h.

CHEM 121. **General Chemistry I.** (Not open to students who have received credit for Physical Science 121.) (Prerequisite: Math SAT score of at least 500, Math ACT score of at least 19, or placement above Mathematics 104.) (Three hours lecture and one three-hour laboratory weekly.) An introduction to chemistry presenting the fundamental principles and appropriate descriptive material to serve as a foundation for further study of the subject. Qualitative and quantitative analysis are included in the laboratory portion of this course. 4 s.h.

CHEM 122. **General Chemistry II.** (Prerequisite: A grade of C or better in Chemistry 121. Satisfactory completion of the College Writing I requirement.) (Three hours lecture and one three-hour laboratory weekly.) An introduction to chemistry presenting the fundamental principles and appropriate descriptive material to serve as a foundation for further study of the subject. Qualitative and quantitative analysis are included in the laboratory portion of this course. 4 s.h.

CHEM 131. **Development and Enhancement of Problem-solving and Think Habits Part I.** This course is part one of a two semester seminar sequence. The fall course will focus on developing strong problem solving and reasoning skills and effective collaboration through group work. Many problems presented in this course will come from mathematics but also from the sciences. The course will include a fall weekend workshop and will then meet for one hour every other week. (Cross-listed as Biology 131 and Mathematics 131.) 1 s.h.

CHEM 132. **Development and Enhancement of Problem-solving and Think Habits Part II.** (Prerequisite: Biology/Chemistry/Mathematics 131.) This course is part two of a two semester seminar sequence. The spring course will build upon the skills learned through Biology/Chemistry/Mathematics 131 and will focus on applying acquired skills to a real-life problem. The major end product of the course will include a formal presentation at Spearsfest. The course will meet for one hour every week. (Cross-listed as Biology 132 and Mathematics 132.) 1 s.h.

CHEM 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CHEM 190. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CHEM 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CHEM 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CHEM 201. **Science Seminar.** (Prerequisite: Biology/Chemistry 101) A series of scientific presentations and discussions offered by students, faculty and invited speakers. One hour per week offered only in the spring semesters. Student requirements increase as the level of the seminar increases. (Also listed as Biology 201.) 1 s.h.

CHEM 261. **Organic Chemistry I.** (Prerequisite: A grade of C or better in Chemistry 122.) (Three hours lecture and one three-hour laboratory weekly.) A study of the structures, properties, nomenclature, reactions, and reaction mechanisms of aliphatic organic molecules. 4 s.h.

CHEM 262. **Organic Chemistry II.** (Prerequisite: Chemistry 122.) (Three hours lecture and one three-hour laboratory weekly.) A study of the structures, properties, nomenclature, reactions, reaction mechanisms, and spectra of aliphatic and aromatic organic molecules. 4 s.h.

CHEM 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CHEM 290. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CHEM 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CHEM 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CHEM 301. **Science Seminar.** (Prerequisite: Biology/Chemistry 201) A series of scientific presentations and discussions offered by students, faculty and invited speakers. One hour per week offered only in the spring semesters. Student requirements increase as the level of the seminar increases. (Also listed as Biology 301.) 1 s.h.

CHEM 332. **Analytical Chemistry.** (Prerequisite: Chemistry 122.) (Two hours lecture and two three-hour laboratories weekly.) A study of the principles of gravimetric, volumetric, and instrumental analysis and the calculations of analytical chemistry. 4 s.h.

CHEM 342. **Biochemistry.** (Prerequisite: BIO 110 and Chemistry 261) A detailed study of the major classes of biomolecules including carbohydrates, lipids, amino acids, structural proteins, enzymes, and nucleic acids. Chemical features and biological functions of these molecules will be examined in the context of intermediary metabolism. Three lecture hours and three laboratory hours scheduled weekly. (Also listed as BIO 342.) 4 s.h.

CHEM 355 **Physical Chemistry I.** (Prerequisite: Physics 222 and Mathematics 165.) (Three hours lecture and one three-hour laboratory weekly.) The two-course sequence emphasizes thermodynamics, chemical equilibria, gas behavior, electrochemistry, kinetics, atomic and molecular structure, chemical bonding and quantum mechanics. 4 s.h.

CHEM 356. **Physical Chemistry II.** (Prerequisite: Chemistry 355.) (Three hours lecture and one three-hour laboratory weekly.) The two-course sequence emphasizes thermodynamics, chemical equilibria, gas behavior, electrochemistry, kinetics, atomic and molecular structure, chemical bonding and quantum mechanics. 4 s.h.

CHEM 361. **Organic Spectroscopy.** (Prerequisite: Chemistry 262.) (Three hours lecture and one three-hour laboratory weekly.) Theory, use and interpretation of data from infrared and U.V./ visible spectroscopy, 1D and 2D multilinear nuclear magnetic resonance spectroscopy and mass spectrometry. Laboratory work will stress the use of these techniques to identify the structure of organic compounds. 4 s.h.

CHEM 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CHEM 390. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CHEM 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CHEM 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CHEM 399LS. **Science Leadership Semester.** (Prerequisite: junior standing and approval of the Division.) An individualized exploration of leadership as experienced through activities associated with scientific disciplines. Students wishing to complete a Leadership Semester may do so by coupling an experiential learning opportunity with reflective analysis focused on leadership. Appropriate science-related experiences may include the following: (1) internship, employment, or volunteering at a science-related government agency, public service office, or business (2) a research project or experiential learning course pursued at Columbia College or another institution. Approved experiences will involve at least 25 hours of documented activity and will be accompanied by four assessed products: a brief proposal, to be submitted to the Program Coordinator at least 1 week before the start of the semester in which the experience occurs, a reflective journal of the experience, a final analytical paper, and an oral presentation. Content and formatting guidelines for each product will be provided. 1 s.h.

CHEM 401. **Science Seminar.** (Prerequisite: Biology/Chemistry 301) A series of scientific presentations and discussions offered by students, faculty and invited speakers. One hour per week offered only in the spring semesters. Student requirements increase as the level of the seminar increases. (Also listed as Biology 401.) 1 s.h.

CHEM 423. **Inorganic Chemistry.** (Three hours lecture and one three-hour laboratory weekly.) Topics such as atomic structure, complex compounds, bonding in inorganic compounds, and a systematic study of the periodic table are covered. 4 s.h.

CHEM 442. **Advanced Biochemistry.** (Prerequisite: BIO 342.) A detailed study of the biosynthesis and metabolism of carbohydrates, lipids, proteins, and nucleic acids, including gluconeogenesis, glycogen metabolism, pentose phosphate pathway, β -oxidation, fatty acid biosynthesis, ketone bodies, eicosanoid biosynthesis, cholesterol biosynthesis, bile acids, steroid hormone biosynthesis, the nitrogen cycle, synthesis and degradation of amino acids, nucleotide biosynthesis, and purine/pyrimidine metabolism. Three lecture hours and three laboratory hours scheduled weekly. (Also listed as Biology 442.) 4 s.h.

CHEM 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CHEM 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CHEM 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CHEM 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Child and Family Studies

CFS 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CFS 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CFS 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CFS 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CFS 205. **Introduction to Theories of Child Development.** This course will introduce students to the basic study of theory through and understanding of theories of child development and developmental principles. In particular, this course is designed to help students think theoretically in analyzing behavior, cognition, emotions, and relationships. Of special interest are the years between birth and adolescence. 3 s.h.

CFS 208. **Children and a Violent Society.** This course explores the social and biological precursors for violence and examines the effects of these on individual and social behavior. (Also listed as Psychology 208.) 3 s.h.

CFS 220. **Theories and Practices of Child Life.** This course is designed to introduce students to the practices of child life specialists as they operate in medical settings. The course examines the intersection of the medical professions and child development, and prepares students for more advanced work in the field. 3 s.h.

CFS 221. **Family Development (SL).** A family systems theory analysis of the family as a social institution and its interactive dynamics. 3 s.h.

CFS 230. **The Hospitalized Child.** This course is designed to continue building professional practice and methods for working with children and families as a child life specialist. This course prepares students for more advanced work in the field. 3 s.h.

CFS 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CFS 280. **Selected Human Services Experiences.** (Prerequisite: Consent of Instructor.) A selected experience in a human service agency under the supervision of the Child and Family Studies program director. 3 s.h.

CFS 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CFS 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CFS 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CFS 301. **Human Development and the Social Environment I.** (Prerequisite: Psychology 102.) This course explores the processes of human development and change from birth through adolescence. The student will analyze this developmental

period in terms of the human biological, social, psychological, and cultural systems that have an impact on individual development and change. (Also listed as Social Work 301.) 3 s.h.

CFS 302. Human Development and the Social Environment II. (Prerequisite: Psychology 102.) This course explores the processes of human development and change from adulthood to senescence. The student will analyze this developmental period in terms of the human biological, social, psychological, and cultural systems that have an impact on individual development and change. (Also listed as Social Work 302.) 3 s.h.

CFS 316. Parent Education. A sociological view of the family and resources available for educating parents across the developmental spectrum from infancy to adolescence with an emphasis on development and training of parenting materials and programs. 3 s.h.

CFS 318. Aging. The aging process and its consequences for the individual, family, and society. Particular focus upon the social, psychological, economic, and physical aspects of aging and the societal programs designed to enhance the well-being of the aged. 3 s.h.

CFS 320. Intervention with Children and Families (SL). (Prerequisite: Child and Family Studies 221. Satisfactory completion of the Oral Communication requirement.) Theories for assessing behavior problems presented by children and families and procedures for designing, implementing and evaluating intervention strategies. Practical applications are made through the use of case studies, role-play, and demonstrations. (Also listed as Social Work 320.) 3 s.h.

CFS 370. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CFS 380. Child Life Clinical Experience. (Prerequisite: Child Life students must have a 3.0 grade point average in their major courses prior to being admitted into the junior field experience and have completed Child and Family Studies 220 and 230.) A supervised clinical introduction to the field of Child Life Specialists and work with families in the medical setting. 3 s.h.

CFS 390. Special Problems. A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CFS 391. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CFS 392. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CFS 430. Death and Dying. This course examines death and dying from a family systems and human development perspective providing students with the ability to understand and incorporate grief work in professional practice. 3 s.h.

CFS 455: Family Law and the Legislative Process. (Prerequisite: Consent of Instructor.) This course is designed to introduce students to issues regarding social and family policy, existing family law, and the legislative process as observed at the state level. 3 s.h.

CFS 470. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CFS 470D. Child Life Specialist Internship. (Prerequisite: Consent of Instructor and completion of Child and Family Studies 380) A supervised clinical experience serving children and families in the Children's Hospital setting. Students will receive instruction on treatment of the hospitalized child. Mandatory pass/fail. 15 s.h.

CFS 480. **Field Experience in Child and Family Studies (SL).** (Prerequisite: Consent of Instructor and completion of Child and Family Studies 380 if a Child Life major) A supervised experience providing services to children and/or families in the student's area of emphasis. 3 s.h..

CFS 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CFS 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CFS 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Communication Studies

COMM 100. **Introduction to Oral Communication.** Introduction to the fundamentals of effective oral communication with emphasis on preparation and presentation of informative and persuasive speeches and leadership. (Previously offered as Speech 104.) 3 s.h.

COMM 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

COMM 180. **Pearce Communication Lab Training and Development.** (Prerequisite: Consent of Instructor.) This course provides training and development for students working in the Pearce Communication Lab. This course involves research-based writing and speaking assignments, shadowing, and peer advising. This course may be taken up to 3 times for course credit. (Previously offered as Communication 190A.) 1 s.h.

COMM 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

COMM 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

COMM 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

COMM 200. **Survey of Communication Studies.** (Prerequisite: Satisfactory completion of the College Writing I requirement.) Introduction to the communication discipline cultivating engaged participation in a line of communication inquiry. This course explores the history of the field, basic theories and concepts in various communication contexts, and research methods/perspectives. (Previously offered as Speech 210.) 3 s.h.

COMM 210. **Interpersonal Communication.** (Prerequisite: Communication 100.) An introduction to basic theories and concepts of communication in the development and maintenance of relationships with an emphasis on developing communication competence. (Previously offered as Speech 330, Speech 280.) 3 s.h.

COMM 215. **Sports Communication.** (Prerequisites: Communication 100.) This course introduces students to the enactment, production, consumption, and organization of sport. This entails a wide range of communicative processes, including mass communication productions, interpersonal interactions, family and relational development, public speeches, individual expression of identity through sport performances, and collective expressions of community through sport rituals.

The course is particularly invested in critical issues of gender, race, sexuality, and ableism in sports communication discourses while also imparting practical resources for students interested in sports communication careers. 3 s.h.

COMM 220. **Advanced Public Speaking.** (Prerequisite: Communication 100.) Theoretical and practical experience in the composition and delivery of informative, persuasive, and ceremonial speaking for rhetorical leadership in business and professional life. (Previously offered as Speech 220.) (Not open to students with credit in Speech 230 or 233.) 3 s.h.

COMM 225. **Presidential Rhetoric.** (Prerequisites: Communication 100.) This course is primarily a study of presidential rhetorical genres (like inaugural addresses), using the ideas(s) of genre to think through and evaluate presidential rhetoric and how rhetoric helps constitute our understanding of the presidency. The course also focuses on case-study discourse of specific American presidents and how leadership was impacted during a national crises. The course is particularly valuable for any student wishing to pursue a career in politics. 3 s.h.

COMM 230. **Health Communication.** (Prerequisites: Communication 100.) An introduction to communication within the context of the health care industry. Students learn effective communication practice for patient-provider communication, provider team communication, health care information and advocacy, and health care public relations. 3 s.h.

COMM 235. **Nonverbal Communication.** (Prerequisites: Communication 100.) The purpose of this course is to better understand unspoken, non-linguistic nonverbal influences on communication. In particular, this course will focus on characteristics like appearance, body, eye, and facial movement, touch and smell, time and space, and how these characteristics intersect. We will also examine nonverbal influences in online, virtual environments as well as consider ways in which culture and identity implicitly influence interaction. 3 s.h.

COMM 240. **Small Group Communication.** (Prerequisite: Communication 100.) The study of communication in the context of small group interaction including theoretical and practical experience in the dynamics of group interaction, discussion and decision making, and leadership. (Previously offered as Speech 240.) 3 s.h.

COMM 250. **Business and Professional Communication.** (Prerequisite: Communication 100.) An introduction to communication theory and practice within the business and professional context in order to cultivate business and professional leadership potential. The emphasis is on acquisition of skills for use in interviewing processes, networking, business meetings, professional presentations, and business leadership. (Previously offered as Speech 250.) 3 s.h.

COMM 255. **Computer Mediated Communication.** (Prerequisites: Communication 100.) This course focuses on new, computer generated communication mediums (like Facebook) to help students better understand the influence of technology on how relational partners communicate online and how such technology changes the nature of personal relationships. The class also covers problematic trends in the issue of social media (like cyberbullying). Further, the course is particularly invested in critical issues of gender, race, and sexuality within the social media context. 3 s.

COMM 260. **Communication as Performance.** (Prerequisites: Communication 100.) This course uses performance as a metaphor for everyday life communication, as a method of inquiry within the discipline of Communication Studies, and as an object of study for communication scholars. Students will study a variety of cultural and communication phenomena including everyday storytelling, the politics of place and location, historiography, and aesthetics. 3.s.

COMM 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

COMM 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

COMM 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

COMM 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

COMM 300. African American Rhetoric. (Prerequisites: Communication 100.) Introduction to the rhetorical characteristics of African American discourses with an emphasis on significant African American voices advocating social change through a variety of rhetorical means. Students will learn the differences between Western/Eurocentric and Afrocentric approaches to rhetorical theory, practice, and criticism. (Previously offered as Communication 290A.) 3 s.h.

COMM 310. Persuasion. (Prerequisites: Communication 100.) Theoretical approaches to analyzing persuasive messages in the mass media, political campaigns, and social movements. Students will develop skills in critical analysis of public discourse. (Previously offered as Speech 310.) 3 s.h.

COMM 320LS. Leadership and Communication. (Prerequisites: Communication 100.) The study of leadership as a relational and transactional process of mutual influence between leaders and followers for the accomplishment of collective goals. Students will complete a course-related leadership project focused on the analysis of practical, theoretical, and critical experiences in leadership as applied to the Division's Philosophy of Leadership and the Four C's of Leadership at Columbia College. Students will present the results of their projects in a public forum and will write reflection papers assessing how their projects helped them develop as competent communicators and leaders. (Previously offered as Speech 320.) 3 s.h.

COMM 330. The Rhetoric of Public Advocacy. (Prerequisites: Communication 100.) Rhetorical theory and criticism with an emphasis on public advocacy discourses. Students learn critical perspectives for analyzing, interpreting, and evaluating public communication in American history. (Previously offered as Speech 315.) 3 s.h.

COMM 335 Political Communication. (Prerequisites: Communication 100.) This course will focus on many aspects of political communication including the nature of political communication, ideology, politics, and media, presidential rhetoric, political campaigns, and news coverage of politics. Rooted in contemporary, critical approaches to studying communication and rhetoric, the course will be an in-depth look at the link between rhetoric, government, and citizenship. 3 s.h.

COMM 340. Intercultural Communication. (Prerequisites: Communication 100.) An introduction to the fundamental topics, principles, and theories of culturally diverse message systems. The course emphasizes an appreciation of multiple worldviews and the development of intercultural competence to prepare students for engagement in a global community. (Previously offered as Speech 340.) 3 s.h.

COMM 350. Organizational Communication. (Prerequisites: Communication 100.) The study of communication networks as the structuring principle of organizational life with emphasis on organizational culture, employee socialization, power, and leadership as a transactional process capable of cultivating beneficial change in an organizational context. (Previously offered as Speech/Business 290B, Speech 350.) 3 s.h.

COMM 355. Leadership, Crisis & Communication. (Prerequisites: Communication 100.) This course examines the latest theory, practice, and innovative approaches for handling organizational crisis from a Communication Studies perspective. This course will highlight successes and failures in dealing with core issues of crisis leadership, managing uncertainty, communicating effectively, understanding risk, promoting communication ethics, enabling organizational learning, and producing renewing responses to crisis. (Previously offered as COMM 390D.) 3 s.h.

COMM 360. Gender and Communication. (Prerequisites: Communication 100.) An exploration of the cultural definitions of femininity and masculinity emphasizing how gender shapes individuals' communication and cultural views of women and men. (Previously offered as Speech 290C, Speech 360.) 3 s.h.

COMM 365 Media and Popular Culture. (Prerequisites: Communication 100.) This course will bring together the scholarly traditions of contemporary rhetorical criticism and critical/cultural studies (including Marxist and feminist critiques) in the investigation of popular culture discourse. Topics include the media of film, television, music, and the internet. 3 s.h.

COMM 370. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

COMM 390. Special Problems. A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

COMM 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

COMM 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

COMM 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

COMM 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

COMM 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

COMM 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

COMM 499. **Senior Seminar in Communication.** (Prerequisite: Completion of or enrollment in courses for completion of the Communication Major requirements. Satisfactory completion of the College Writing I requirement.) A capstone course in communication research methodologies culminating in an original research project. (Previously offered as Speech 495.) 3 s.h.

Computer and Information Science (CIS)

CIS 100. **Introduction to Computers and Information Technology.** Basics of computer systems. Emphasis is placed on specific software package such as electronic spreadsheet, database management, and desktop publishing software. (Previously offered as Comp 140.) 3 s.h.

CIS 109. **Computer Science for the Liberal Arts.** (Prerequisite: Mathematics 100 or Mathematics placement above 100.) This course introduces students to the computer science discipline through exploration of a variety of topics. Applications and connections to contemporary society are emphasized. This course satisfies the mathematics general education requirement. (Previously offered as CIS 120.) 3 s.h.

CIS 110. **Fundamentals of Computer and Information Science.** (Prerequisite: Mathematics 100 or placement in Mathematics 104 or higher, or Consent of the Program Coordinator.) A broad introduction to computer and information science. Topics include hardware, software, applications, systems development, ethics, and an introduction to programming. (Previously offered as CIS 141.) 3 s.h.

CIS 111. **An Introduction to Programming using Visual Basic.** (Prerequisite: a Computer and Information Science course and a grade of C or better in Mathematics 104, or Consent of the Program Coordinator.) An introduction to procedural programming techniques including variables, control structures, functions and procedures in an object-oriented event-driven environment. 3 s.h.

CIS 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CIS 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CIS 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CIS 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CIS 211. **Programming I.** (Prerequisite: A grade of C or better in Computer and Information Science 111 or Consent of the Program Coordinator.) An introduction to programming and problem-solving using a high level programming language. Topics include data types, variables, assignment, control structures, arrays, and an introduction to object-oriented programming. 3 s.h

CIS 212. **Programming II.** (Prerequisite: A grade of C or better in Computer and Information Science 211.) A further study of programming and problem-solving using object-oriented programming techniques. Topics include: abstraction, inheritance, polymorphism, error-handling, and data structures. 3 s.h.

CIS 221. **Fundamentals of Hardware and Software.** (Prerequisite: Computer and Information Science 109 or 110.) An introduction to computer architecture and operating systems. Topics include computer system components, peripheral devices, operating software, i/o devices and extensions, and an introduction to networked computer systems. 3 s.h.

CIS 230. **Introduction to Web Development.** (Prerequisite: Computer and Information Science 109 or 110.) An introduction to Web development from design to implementation using Web tools and technologies such as HTML and other authoring and scripting languages. 3 s.h.

CIS 250. **Networks.** (Prerequisite: Computer and Information Science 221.) This course provides an in-depth knowledge of data communications and networking requirements including networking and telecommunications technologies, hardware, and software. 3 s.h.

CIS 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CIS 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CIS 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CIS 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CIS 313. **Software Development.** (Prerequisite: A grade of C or better in Computer and Information Science 212.) This course focuses on tools and techniques necessary in modern software development. Topics include: data structures and algorithms, software life cycle including requirements, specifications and design, selected modern programming techniques. 3 s.h.

CIS 314. **Algorithms and Data Structure.** (Prerequisite: Computer and Information Science 212 and Mathematics 251.) This course surveys the basic data structures and the associated algorithms. Topics include algorithm design, data representation, algorithm complexity, and proof of correctness. 3 s.h.

CIS 330. **Multimedia Systems.** (Prerequisite: Computer and Information Science 221.) An introduction to multimedia systems for information delivery. Topics include: networked multimedia, www, virtual reality, imaging, hypertext, hypermedia, data encoding and compression. 3 s.h.

CIS 340. Systems Analysis and Design. (Prerequisite: Computer and Information Science 109 or 110 and Computer and Information Science 111. Satisfactory completion of the College Writing I requirement.) A study of the processes, methodology and issues related to the analysis and design of information systems. Topics include: requirement analysis, system development life cycle, structured design, feasibility studies, installation and implementation. 3 s.h.

CIS 350. Database Management Systems. (Prerequisite: Computer and Information Science 109 or 110 and Computer and Information Science 111.) A study of database management concepts and techniques. Topics include: data modeling using entity-relationship, relational, hierarchical and network models, use of SQL (structured query language) and other database software to develop databases. 3 s.h.

CIS 370. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CIS 370A. Applications of Computer Systems. (Prerequisites: Computer and Information Science 111 and 250.) Hands-on experience with the computer support staff at Columbia College. Activities will involve maintaining a network and a collection of hardware and software applications. 1-4 s.h.

CIS 390. Special Problems. A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CIS 391. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CIS 392. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CIS 399LS. Leadership Semester in Computer and Information Science. (Prerequisites: Junior or Senior standing and Consent of the Program Coordinator.) An exploration and reflection of the student's leadership experiences in conjunction with a required or optional activity such as an internship, senior project, research experience, or community service. A reflective essay or journal and an oral presentation are required. 1 s.h.

CIS 410. Programming Languages. (Prerequisite: Computer and Information Science 212 and Mathematics 150.) This course presents the principles behind the design and implementation of programming languages. Examples are taken from several high-level programming languages illustrating different programming paradigms. 3 s.h.

CIS 430. Advanced Web Development. (Prerequisite: Computer and Information Science 230 and 350.) This course introduces advanced web tools for designing, developing, implementing and maintaining web sites. Topics include interactivity, multimedia elements including animation, and linking to a database. 3 s.h.

CIS 440. Management Information Systems. (Prerequisite: Computer and Information Science 340.) This course examines the connection between organizational strategy and electronic methods of delivering products and services in inter-organizational, national and global environments. Topics include: e-commerce, business models, supply-chain, information privacy and security, legal and ethical issues. 3 s.h.

CIS 450. Artificial Intelligence. (Prerequisite: Computer and Information Science 212 or Consent of the Program Coordinator.) An overview of the history of the development of artificial intelligence together with an in-depth study of current topics in artificial intelligence, including expert systems and robotics and the programming skills used in this field. (Previously offered as Comp 440.) 3 s.h.

CIS 470. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CIS 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CIS 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CIS 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CIS 498. **Senior Project.** (Prerequisite: Senior Computer and Information Science major or Consent of the Program Coordinator.) The senior project may be an in-depth study of a topic in computer and information science or may consist of a significant application in the field. The Division's approval of each student's proposed project must be secured during the semester before the student enrolls for credit in this course. 3 s.h.

Contractual Studies

CS Seminars. Interdisciplinary seminars may be provided under the auspices of the Center for Contractual Studies. The title of these seminars will be announced. 1 s.h. each.

CS 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CS 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CS 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CS 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CS 193. **Internship.** (Prerequisite: Consent of Instructor.) Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Cannot be taken Pass/Fail. 1-4 s.h.

CS 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CS 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CS 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CS 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CS 293. **Internship.** (Prerequisite: Consent of Instructor.) Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Cannot be taken Pass/Fail. 1-4 s.h.

CS 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CS 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CS 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CS 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CS 393. **Internship.** (Prerequisite: Consent of Instructor.) Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Cannot be taken Pass/Fail. 1-4 s.h.

CS 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

CS 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

CS 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CS 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

CS 493. **Internship.** (Prerequisite: Consent of Instructor.) Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Cannot be taken Pass/Fail. 1-4 s.h.

CS 498. **Senior Project.** A summary academic work representing the culmination and synthesis of one's area of special concentration. To be evaluated by the Advisory Council of the Center for Contractual Studies. 1s.h.

Dance

DAN 105. **Dance Appreciation.** This is a course designed to introduce students to the dance phenomenon. An appreciation of dance will be promoted through a study of historical and theoretical discourse, writings in dance criticism, and attendance at a live dance performance. 3 s.h.

DAN 107. **Introduction to Dance Studies.** This course provides an introduction to the study of the dance phenomenon in consideration of historical and cultural contexts, as well as a survey of scholarly and other career paths in the discipline. Special emphasis is given to the relationship between dance and identity, and students will locate their individual positions within dance. 3 s.h.

DAN 117. **Dance Traditions I.** This studio-based course is an introductory-level investigation of global and transcultural dance/movement practices. Variable topics (e.g., Jazz, Ballet, Tap, Urban Movement, Contact Improvisation, West African, Argentine tango) are presented in historical and cultural contexts. This course may be taken multiple times for credit. 1 s.h.

DAN 141. **Contemporary Dance Technique I.** The focus of this course is on the introductory study of dance technique for students beginning the study of Contemporary dance. May be taken multiple times for credit. 2 s.h.

DAN 143. **CoLAB I.** This course offers students an opportunity to gain experience as artists and campus community collaborators through projects initiated by *CCdanceLAB & friends*. This course may be taken multiple times for credit. 1 s.h.

DAN 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

DAN 189. **Dance Company: First Year.** (Co-requisite: One Contemporary Dance technique course and one additional course from the Movement Practices strand.) Columbia College Dance Company (CCDC) provides practical training in the skills needed to operate a dance company. In addition to developing performance skills, students practice production skills in areas such as lighting, sound, backstage crew, and front-of-house support. The course also teaches leadership skills applicable to the dance profession and beyond by enabling students to develop and demonstrate courage, commitment, confidence, and competence as they assume leadership positions within the CCDC. May be taken twice for credit. 0-1 s.h.

DAN 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

DAN 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

DAN 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

DAN 206. **Choreography I.** (Prerequisite: Dance 141.) (Three hours weekly.) This course introduces the elements of dance as a vehicle for analyzing and inventing movement while exploring processes for developing choreography. 2 s.h.

DAN 207. **Somatic Re-Education.** The study of how our bodies efficiently move with full range in space. Current somatic practices will be introduced that deal specifically with the body's core abdominal strength, breath support, and muscular connectivity. The course will be taught as a lecture and studio class and is open to majors and non-majors. It is strongly recommended that dance majors take this course in concurrence with Biology 325. 2 s.h.

DAN 217. **Dance Traditions II.** (Prerequisite: Dance 117 and Consent of Instructor). This studio-based course is an intermediate-level investigation of global and transcultural dance/movement practices. Variable topics (e.g., Jazz, Ballet, Tap, Urban Movement, Contact Improvisation, West African, Argentine tango) are presented in historical and cultural contexts. This course may be taken multiple times for credit. 1 s.h.

DAN 220. **Topics in Contemporary Dance History.** (Prerequisite: Dance 105 or 107.) Critical analysis of current issues surrounding Contemporary Dance with an emphasis on theories and practices (historical, critical, anthropological, aesthetic, cultural, political, etc.) affecting the motivations of dance traditions. 3 s.h.

DAN 233. **Dance Education I.** (Prerequisite: Dance 107 or consent of instructor.) This course introduces theoretical overviews of national and state standards for dance education as well as various strategies for designing effective curriculum, instruction, and assessment within a comprehensive Pre-K-12 dance education program. Instructional topics covered include: integrative approaches to curricular design, use of technological and outside resource support, and the development of management skills and special needs adaptations for differently-abled and gifted students within the classroom setting. Students will also participate in scheduled lab settings throughout the semester. 3 s.h.

DAN 234. **Dance Education II.** (Prerequisite: Dance 233, Co-requisite: Education 262.) This course concentrates on the practical application of the theoretical concepts introduced in Dance Education I. Development of focused individual, unit, and long range lesson plans will be introduced, practiced, and critiqued as well as issues within the practice of dance education, diversity, assessment and performance. Students will teach and participate within various school settings throughout the semester. 3 s.h.

DAN 241. **Contemporary Dance Technique II.** (Prerequisite: Dance 141 and Consent of Instructor or Placement Audition.) The focus of this course is the progressive study and exploration of the technical foundations of contemporary dance for students at the beginning to intermediate level. May be taken multiple times for credit. 2 s.h.

DAN 243. **CoLAB II.** This course offers students an opportunity to gain experience as artists and campus community collaborators through projects initiated by *CCdanceLAB & friends*. This course may be taken multiple times for credit. 1 s.h.

DAN 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

DAN 289. **Dance Company: Second Year.** (Co-requisite: One Contemporary Dance technique course and one additional course from the Movement Practices strand.) Columbia College Dance Company (CCDC) provides practical training in the skills needed to operate a dance company. In addition to developing performance skills, students practice production skills in areas such as lighting, sound, backstage crew, and front-of-house support. The course also teaches leadership skills applicable to the dance profession and beyond by enabling students to develop and demonstrate courage, commitment, confidence, and competence as they assume leadership positions within the CCDC. Participation at the second year-level reflects increasingly responsible roles in CCDC, including mentorship of first-year students. This course may be taken twice for credit. 0-1 s.h.

DAN 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

DAN 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

DAN 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

DAN 307. **Dance Analysis and Patterning.** (Prerequisites: 4 s.h. from Dance 141, 241, 341, 441, 451) The focus of this course is on the study and analysis of movement and movement patterning based on principles of Laban Movement Analysis, Bartenieff Fundamentals, Motif writing, Effort/Shape studies, and individual perceptual and physical exploration. Students will learn how to embody and then apply these concepts in choreography, teaching, and physical wellness. Verbal and physical communication skills as well as the practice and application of higher-order thinking skills of identification, analysis, synthesis, and evaluation as they relate to comprehensive dance education are emphasized in this course. 3 s.h.

DAN 308. **Choreography II.** (Prerequisite: Dance 206.) (Three hours weekly.) The focus of this course is on the furthering of compositional skills through the study of more advanced principles of choreographic design including sourcing and structuring movement explorations, developing a critical eye for perceiving various compositions, and verbally articulating and applying choreographic processes. 2 s.h.

DAN 313. **Applied Teaching Skills.** (Prerequisite: Consent of instructor.) Provides upper-level students with advanced practice in teaching dance technique. Students assist the instructor throughout the course. In addition, students plan and teach several class sessions under the supervision of the instructor. 1-2 s.h.

DAN 317. **Dance Traditions III.** (Prerequisite: Dance 217 and Consent of Instructor). This studio-based course is an intermediate/advanced-level investigation of global and transcultural dance/movement practices. Variable topics (e.g., Jazz, Ballet, Tap, Urban Movement, Contact Improvisation, West African, Argentine tango) are presented in historical and cultural contexts. This course may be taken multiple times for credit. 1 s.h.

DAN 320. **Dance in Sociopolitical Contexts.** (Prerequisite: Dance 105 or 107.) An investigation of dance practices across time and space with an emphasis on the relationship of dance to culture and politics. Critical theories will be examined in relation to dance practices through the exploration of themes including dance as performative representation of personal and collective identity, dance as a mechanism for social reproduction, dance as resistance, and the social construction of dancing bodies as gendered/raced/classed. 3 s.h.

DAN 340. **Dance Aesthetics.** (Prerequisite: Dance 220.) The study of aesthetic theories and the application of critical analysis to concert dance forms. Course includes a mastery of an aesthetic vocabulary necessary in critical analysis of dance master works. The course requires that the student define and defend her personal aesthetics through written and oral presentations through a final project. Effort is made to develop the student's critical eye and written expression through the use of both description review and critical analysis. 3 s.h.

DAN 341. **Contemporary Dance Technique III.** (Prerequisite: Dance 241 and Consent of Instructor or Placement Audition.) The focus of this course is in the progressive study and exploration of the technical foundations of contemporary dance for students at the intermediate level. May be taken multiple times for credit. 2 s.h.

DAN 343. **CoLAB III.** (Prerequisite: Consent of Instructor.) This course offers students an opportunity to gain experience as artists and community collaborators with professional artists through community based projects initiated by *The Power Company Collaborative*. This course may be taken multiple times for credit. 1 s.h.

DAN 351. **Dance Pedagogy.** (Prerequisite: Junior or senior status and at least one semester in Dance 341). This Course is an examination of teaching methods in the discipline of dance. Using a somatic approach, students will understand methods for teaching dance of various styles and techniques from a common grounding in the body. This course offers the opportunity to synthesize and practice teaching dance students as technicians and artists. 3 s.h.

DAN 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

DAN 370M. **Junior Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. 1 s.h.

DAN 389. **Dance Company: Junior Year.** (Co-requisite: One Contemporary Dance technique course and one additional course from the Movement Practices strand.) Columbia College Dance Company (CCDC) provides practical training in the skills needed to operate a dance company. In addition to developing performance skills, students practice production skills in areas such as lighting, sound, backstage crew, and front-of-house support. The course also teaches leadership skills applicable to the dance profession and beyond by enabling students to develop and demonstrate courage, commitment, confidence, and competence as they assume leadership positions within the CCDC. Participation at the junior year-level reflects increasingly responsible roles in CCDC, including mentorship of first-year students and coordination of the senior banquet. This course may be taken twice for credit. 0-1 s.h.

DAN 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

DAN 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

DAN 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

DAN 417. **Dance Traditions IV.** (Prerequisite: Dance 317 and Consent of Instructor). This studio-based course is an advanced-level investigation of global and transcultural dance/movement practices. Variable topics (e.g., Jazz, Ballet, Tap, Urban Movement, Contact Improvisation, West African, Argentine tango) are presented in historical and cultural contexts. This course may be taken multiple times for credit. 1 s.h.

DAN 420. **Choreography III.** (Prerequisite: Dance 308.) The focus of this course is on the practice and further development of choreographic skill in constructing dances by means of diverse compositional scenarios for various performance contexts. 2 s.h.

DAN 441. **Contemporary Dance Technique IV.** (Prerequisite: Dance 341 and Consent of Instructor or Placement Audition.) The focus of this course is in the progressive study and exploration of the technical foundations of contemporary dance at the intermediate/advanced level. May be taken multiple times for credit. 2 s.h.

DAN 443. **CoLAB IV.** (Prerequisite: Consent of Instructor.) This course offers students an opportunity to gain experience as artists and community collaborators with professional artists through community based projects initiated by *The Power Company Collaborative*. This course may be taken multiple times for credit. 1 s.h.

DAN 451. **Contemporary Dance Technique V.** (Prerequisite: Dance 441 and Consent of Instructor or Placement Audition.) The focus of this course is in the progressive study and exploration of the technical foundations of contemporary dance at the advanced level. May be taken multiple times for credit. 2 s.h.

DAN 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

DAN 475. **Dance Senior Seminar.** This course is a seminar covering professional preparation needed for BA candidates (e.g., capstone preparation, resume writing, video editing, graduate school application, audition procedures, etc.). BA candidates will develop and submit proposals for the BA Senior Project for approval of the Division: These proposals must describe the manner in which students will apply leadership capabilities to accomplish their project. Throughout the course, students also will refine the necessary leadership skills for successful completion of the capstone experience (Dance 481LS). 1 s.h.

DAN 481LS. **BA Senior Project.** (Prerequisite: Senior Status, Dance 475.) This capstone experience is for the senior seeking a B.A. in Dance. The project content is not specified and may include research, written work, and/or creative work; however, the project must include a leadership component. The project will be publicly presented on a date set by the Dance Program. Upon completion of the project, the student will develop a paper reflecting upon her capstone experience and describing how she applied leadership skills, including challenges faced and solutions discovered. 2 s.h.

DAN 489. **Dance Company: Senior Year.** (Co-requisite: One Contemporary Dance technique course and one additional course from the Movement Practices strand.) Columbia College Dance Company (CCDC) provides practical training in the skills needed to operate a dance company. In addition to developing performance skills, students practice production skills in areas such as lighting, sound, backstage crew, and front-of-house support. The course also teaches leadership skills applicable to the dance profession and beyond by enabling students to develop and demonstrate courage, commitment, confidence, and competence as they assume leadership positions within the CCDC. Participation at the senior year-level reflects increasingly responsible roles in CCDC, including mentorship of first-year students. May be taken twice for credit. 0-1 s.h.

DAN 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

DAN 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

DAN 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Economics

ECON 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ECON 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ECON 191.. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ECON 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ECON 201. **Principles of Economics I, Macroeconomics.** (Prerequisite: Grade of C or better in Mathematics 104, 107, or 160.) A study of the theory of income, employment and price determination, along with a brief examination of international economics. Emphasis is placed on the national economy and policies that affect it. 3 s.h.

ECON 202. **Principles of Economics II, Microeconomics.** (Prerequisites: Economics 201 and Grade of C or better in Mathematics 107 or 160.) An examination of the ways in which a market economy allocates scarce resources to the production of goods and services and an analysis of alternate market structures. The determinants of prices, wages and production are discussed. 3 s.h.

ECON 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ECON 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ECON 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ECON 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ECON 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ECON 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ECON 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ECON 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ECON 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ECON 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ECON 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ECON 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Education

EDU 100. **Introduction to Professional Education.** An introduction to the teacher education program will be based on the concept of the teacher as leader. Students will begin building a knowledge and skill base for teacher leadership through self-assessment, team building and goal setting activities. The ten performance dimensions of the South Carolina ADEPT evaluation system will be introduced. Resulting products may be included in general education and/or professional education portfolios. 3 s.h.

EDU 101. **Teaching Fellows Seminar I.** This freshman year seminar is designed to enable Teaching Fellows to adjust to college life and promote the sense of a cohort. Mandatory pass/fail. 1 s.h.

EDU 102. **Teaching Fellows Seminar II.** This freshman year seminar is designed to enable Teaching Fellows to develop long-range professional goals and begin to explore education issues. Mandatory pass/fail. 1 s.h.

EDU 110. **Instructional Technology.** Teacher candidates will extend their knowledge of instructional technology operations and concepts. The impact and application of technology on learning, professional productivity, and practice will be the focus of the course. Teacher candidates will construct effective learning experiences supported by technology for use in diverse classrooms. All activities will be compiled into an electronic portfolio. (Previously offered as Education 410.) 1 s.h.

EDU 143. **Computer Studies in Elementary Education.** (Prerequisite: Education 110.) Elementary teacher candidates will investigate electronic resources available for integration and enhancement of curriculum at the elementary level. Teacher candidates will design units of study that include methods and strategies for applying technology to maximize the learning of diverse student populations in the elementary classroom. Four hours of elementary classroom observation will accompany this course. All activities will be compiled into an electronic portfolio. 1 s.h.

EDU 150. **Introduction to the Profession of Teaching.** (Prerequisite: Satisfactory completion of the Oral Communication requirement.) This course will introduce aspiring teacher candidates to the field of education. Students will explore the history and foundations of education, the current and diverse classroom composition, differences in learning and appropriate teaching methods, management and assessment skills and the importance of creating positive relationships with students, their families and colleagues. Students will become familiar with the vocabulary and issues of education today, the path to becoming a certified teacher in South Carolina and the academic rigor of the education program at Columbia College. This course will require all students to register and take all 3 parts of the Praxis I, a test required of all potential teacher candidates, unless status of exemption is achieved through SAT scores (see Education Division). Failure to complete this requirement will result in students receiving an I in the course. 3 s.h.

EDU 160. **Preparation for Careers in Education.** This course will focus on providing opportunities for teacher candidates to observe, review, demonstrate, and reflect on specific principles for a career in teaching in South Carolina public schools. The South Carolina Evaluation System, an integrated system of State Standards, guidelines, and strategies designed to promote excellence in the teaching profession will be presented. Specifically, future teacher candidates will gain and demonstrate knowledge on how to successfully plan instruction, as well as navigate the evaluation process for continuing employment once certification is completed. Finally, career options in public education will be explored. 2 s.h.

EDU 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

EDU 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

EDU 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

EDU 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

EDU 201. **Teaching Fellows Seminar III.** This sophomore year seminar is designed to explore multicultural, social and diversity issues in education. Teaching Fellows will design an inquiry project. Mandatory pass/fail. 1 s.h.

EDU 202. **Teaching Fellows Seminar IV.** This sophomore year seminar is designed to explore multicultural, social and diversity issues in education. Teaching Fellows will implement their inquiry projects in public school settings. Mandatory pass/fail. 1 s.h.

EDU 203. **Human Growth and Development.** A review of physical, social, emotional, and intellectual growth and development as they occur throughout the life span (childhood, adolescence, and adulthood). (Also listed as Psychology 203.) 3 s.h.

EDU 210. **Development and Learning: Birth through Age Eleven.** This course will help teacher candidates develop an understanding of theories of growth and development, theories of learning and motivation, and how these principles and concepts relate to classroom learning. It will stress the importance of physical, social, cultural and emotional factors on the cognitive and language development of infants and children. 3 s.h.

EDU 211. **Development and Learning: The Adolescent Years.** This course will help teacher candidates develop an understanding of theories of growth and development, theories of learning and motivation, and how these principles and concepts relate to classroom learning. It will stress the importance of physical, social, cultural and emotional factors on the cognitive and moral development of adolescents. This course is intended for middle level and secondary certifiers. 3 s.h.

EDU 212: **Adolescent Development.** (Prerequisite or Co-requisite: Education 210) This course will help teacher candidates develop an understanding of theories of growth and development for adolescents and relate to classroom learning. It will stress the importance of physical, social, cultural and emotional factors on the development of adolescents. This course is intended for K- 12 certifiers only. Students obtaining secondary education certification must take Education 211 only. 1 s.h.

EDU 215. **Oral Grammar Enrichment.** (Consent of the Instructor required.) This course, primarily designed for students expecting to certify to teach will assist students in improving use of Standard American English. The course develops competence and autonomy in appropriate usage in oral (and written) forms. The student will differentiate among dialects, casual speech, and Standard American English. Code switching and appropriate academic/professional language use will be practiced. (Not open to students who have received credit for Education 191C.) 1 s.h.

EDU 220. **Teaching the Interdisciplinary Curriculum.** This course will give the future teacher the theory and practice to take an integrative approach to the curriculum in her teaching. Lesson and unit planning to include thematic district and school designs will be the focus of the course. Planning across the curriculum and with a mixed-discipline team of teachers reflects the real world of teaching in local schools. Goals and objectives, instructional procedures, and sequencing of lessons will develop needed skills in future teachers. Adapting individual teaching styles to all students' learning styles will be an important component in instructional design and teaching strategies. The South Carolina teacher evaluation system, ADEPT, will be addressed. 3 s.h.

EDU 230. **Learners and Learning.** (Not open to students with credit in both Education 203 and Education 253.) Human development across the lifespan; particularly focusing on stages of development, application of learning theories, individual differences (including exceptionalities, gender, culture, and ethnicity), effective instructional strategies and critical thinking skills. 3 s.h.

EDU 240. **Methods of Teaching in the Middle School and High School.** (Prerequisite: Pass Praxis I, Co-requisite: Education 260) The study of general methods and theories of curriculum, instruction, classroom management, the teaching of reading, and assessment needed by the collaborative professional in the middle school and high school. The impact of standards, research, diversity, and technology will be integrated throughout the course. 3 s.h.

EDU 253. **Educational Psychology.** (Prerequisite: Pass Praxis I) A study of the psychological theories and investigations related to learning processes and to the total development of the individual. Application to school situations and problems is made. 3 s.h.

EDU 259. **Introduction to the Planning of Instruction.** This course is designed to introduce effective planning of instruction. Emphasis will be given to South Carolina Department of Education guidelines and professional organization standards. Strategies introduced in this course will be applied in all field experiences and methods courses. Resulting products may be included in the professional education portfolio. 1 s.h.

EDU 260. **Shadowing in Schools** (Field Experience I). (Prerequisite: Pass Praxis I, Co-requisite: Education 160) Teacher candidates will observe and implement specific principles of teaching in public schools. The principles, procedures, and methods will be practiced as a future teacher shadows a classroom teacher in tutoring, small groups, and whole class instructional strategies. Teacher candidates will work in academic assistance in small and large groups of diverse students in lesson planning, assisting in grading student work, and working collaboratively with professional team/school departments. Application of a variety of developmentally appropriate experiences that demonstrate varied approaches to knowledge construction will be studied. (Not open to students with credit in Education 370C, Special Education 370M, Speech Language Pathology 270C, or Education 270E.) (Previously offered as Education 270E.) 1-3 s.h.

EDU 262. **Shadowing in Schools (Field Experience in Dance Education I).** (Prerequisite: Pass Praxis I and Dance 233.) This field experience is a discipline-based model for dance education in either upper middle or high school. (Previously offered as Education 270D.) 1 s.h.

EDU 263. **Field Experience, Music Education I.** (Prerequisite: Pass Praxis I) Teacher candidates enrolled in this course will observe the practical applications of teaching methods, review instructional procedures and materials, and assist the teacher in planning for students in a variety of elementary public school settings. (Previously offered as Education 270M.) 1 s.h.

EDU 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

EDU 270G. **Learning and Teaching Mathematics.** (Prerequisite: Successful interview with public school representatives and permission of the instructor.) (Co-requisite: Enrollment in Mathematics 117, Mathematics 119, or consent of the Program.) This course will provide the student an opportunity to apply content and methods of teaching in mathematics in elementary and middle schools. Students must provide their own transportation and must provide tutoring during the traditional school day. Columbia College faculty and public school professionals will provide supervision and guidance. (Pass/Fail only.) 1-3 s.h.

EDU 285. **Gender, Sex, and Education: Intersections and Conflict.** This course will explore a variety of topics that influence the educational experiences of young girls such as the influence of teacher practice, curriculum design, gender roles and stereotypes, psychosocial and emotional development, self-concept, and identity. Students enrolled in the course will also study historical, social, and legal issues and policies that have affected the opportunities presented to girls in K-12 schools. Students will analyze research studies investigating these topics and relate their implications to the policies and practices of K-12 schools. 3 s.h.

EDU 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

EDU 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

EDU 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

EDU 301. **Teaching Fellows Seminar V.** This junior year seminar is designed to focus on political and economic issues in education. Teaching Fellows will collaborate with government, business and community leaders on behalf of schools and students. Mandatory pass/fail. 1 s.h.

EDU 302. **Teaching Fellows Seminar VI.** This junior year seminar is designed to focus on political and economic issues in education. Teaching Fellows will continue their collaboration with government, business and community leaders on behalf of schools and students. Mandatory pass/fail. 1 s.h.

EDU 304. **Special Topics in Human Growth and Development.** (Offered upon request.) A study of selected topics in human growth and development with emphasis on their applications to educational systems and methodology. (Also listed as Psychology 304.) 3 s.h.

EDU 318. **Moral and Political Foundations of Teaching.** This course is designed to develop understanding of public education in the United States from historical, sociological, political, and moral perspectives. Teacher candidates will examine and research current policies and practices, such as educational organizations, funding, legislation, court cases, curriculum and instruction. Teacher candidates will begin to build a knowledge and skill base for teacher leadership through cultural awareness, self-assessment, team building, and goal setting strategies in study groups. A variety of data collection techniques will be organized in a professional portfolio. 3 s.h.

EDU 322. **Early Childhood Special Education.** (Prerequisite: Pass Praxis I and Special Education 332.) This course will look at the integration of concepts from the disciplines of Early Childhood Education, Special Education and Child Development. Teacher candidates will apply principles of early intervention programs for children with exceptionalities. Future teachers will explore effective service delivery models and curriculum development for children with exceptionalities, ages birth through eight years. Family involvement and community services will be emphasized. 3 s.h.

EDU 325. **Development and Learning in the Early Years.** (Prerequisite: Pass Praxis I) The development of the whole child from birth through age eight, with emphasis placed on physical, social, emotional and cognitive factors with a concentration on language acquisition. The role of the family and society in the child's development will be stressed. Observations of young children in a variety of settings will be required. 3 s.h.

EDU 328. **Integrating Assessment and Instruction.** (Prerequisite: Pass Praxis I) This course is designed to develop teacher candidates' competencies in selecting appropriate assessment methods; constructing/developing formative and summative assessments; administering, scoring, and analyzing assessments; communicating assessment results; and, making instructional decisions based on assessment results. Candidates will be expected to demonstrate an understanding of and an ability to apply information from this course through a variety of in-class and field activities. Candidates will select a specific content area and grade level on which to focus and develop an assessment portfolio of artifacts as evidence of competence in the areas mentioned above. (Not open to students with credit in Education 411 and Education 370D.) 3 s.h.

EDU 329. **Facilitating Positive Learning Behaviors.** (Prerequisite: Pass Praxis I) Teacher candidates will gain an understanding of the basic principles of classroom and behavior management as they explore the foundation of positive behavior supports. The candidates will develop a personal philosophy of effective classroom management as they match research based models with their individual styles to create a personalized design for an effective learning environment. This course is designed for teacher candidates who will be in general and special education settings with children of all ages and emphasizes the teacher as the collaborative professional, leading the classroom in the application of the principles of effective management. 3 s.h.

EDU 330. **American Sign Language I: An Introduction.** This introductory course is open to all beginning students of ASL, the language developed and used by the Deaf Community, the third largest cultural community in America. Emphasis is on visual receptive and expressive skills using gesture, facial expression and ASL grammatical constructions and linguistics. Participants develop their skills through videotapes, Internet sites, classroom participation, and readings. Emphasizes conversational vocabulary, finger spelling, grammatical principles and cultural aspects of the Deaf Community. 3 s.h.

EDU 331. **American Sign Language II: Intermediate Level.** (Prerequisite Ed 330 or Consent of Instructor.) This course will build on previously acquired skills in American Sign Language. Designed to assist the student to master intermediate conversation skills in ASL. Focus will be on more advanced vocabulary and patterns of grammar, use of signing space and modulation of signs to denote aspects of time and location and additional information of Deaf culture and community. 3 s.h.

EDU 341. **School Art.** Provides the art education major with theoretical and practical experiences within the general framework of art education in order to develop competencies pertaining to a comprehensive, discipline-based art education curriculum. (Also listed as Art 341.) (Previously listed as EDU 441) 3 s.h.

EDU 345. **Arts Integration.** This course will equip teacher candidates with the knowledge and skills to integrate the five arts – literature, visual art, drama, dance and movement, and music – into their discipline based curriculum and individual lessons. 3 s.h.

EDU 346. **Issues in Early Childhood Education.** (Prerequisite: Pass Praxis I) A survey of contemporary issues in the field, which may include NAEYC guidelines, developmentally appropriate practice, health, safety, nutrition, child advocacy, ethical and professional behavior, assessment and evaluation of young children, family and professional community relationships, appropriate technology usage, and diversity. 3 s.h.

EDU 351. **Effective Reading Strategies.** (Prerequisite: Pass Praxis I) A study of the nature of the reading process and of principles, methods and materials for the development of effective reading as applied to a developmental curriculum. Attention will be given to the development of informal assessment and diagnostic techniques as well as remediation strategies. The course will reflect South Carolina and International Reading Association Standards. 3 s.h.

EDU 352. **Effective Language Arts Strategies.** (Prerequisite: Pass Praxis I) Teaching specific concepts and skills associated with the important aspects of communication - writing and oral language - will be the focus for this course, using the South Carolina Standards. Teacher candidates will learn how to connect these aspects of communications skills with reading as well as other disciplines across the curriculum. 3 s.h.

EDU 354. **Effective Science Strategies.** (Prerequisite: Pass Praxis I) Through this course teacher candidates will examine the theoretical and practical aspects of teaching the biological, physical, earth and space sciences – Future teachers will become familiar with the National Curriculum Standards, and South Carolina Standards for science education. They will also develop an understanding of instructional strategies, activities, and materials that will enhance student learning in the sciences. 3 s.h.

EDU 357. **Effective Health and Physical Education Strategies.** (Prerequisite-Pass Praxis I) The course is designed to provide teacher candidates with knowledge and understanding of the major concepts in health education and physical education (human movement and physical activity). Candidates will use knowledge of health education to create opportunities that contribute to good health. In addition, candidates will use knowledge of physical education to foster active, healthy life styles and enhanced quality of life for themselves and for young children and adolescents. 2 s.h.

EDU 358. **Early Childhood Curriculum: Methods and Materials.** (Prerequisite: Pass Praxis I and Pre- or Co-requisite: Education 259.) Students will examine developmentally appropriate curricula and materials for children and youth ages birth through age 8, with special emphasis on pre-primary and primary levels. Students will develop and evaluate instructional strategies, activities, and materials which will enhance student learning in the various areas of the early childhood curriculum, focusing on interdisciplinary inquiry-based learning. 3 s.h.

EDU 360. **Apprenticeship for Teaching (Field Experience II).** (Prerequisite: Pass Praxis I) Teacher candidates will plan, implement, and assess appropriate instructional procedures for diverse students. Future teachers will experience a progression of increasing responsibilities from tutoring to working with small and large group instruction. Lesson planning, assessment, evaluation and grading techniques, case studies, classroom management strategies, and the State evaluation process for professional teaching will be addressed and practiced. Teacher candidates will experience working with students of various abilities, exceptionalities, and cultural and linguistic diversities. (Previously offered as Education 370E and Education 470C.) 2-3 s.h.

EDU 361. **Effective Social Studies Strategies.** (Prerequisite: Pass Praxis I) Through this course teacher candidates will examine the theoretical and practical aspects of teaching social studies to young learners. Teacher candidates will learn to translate knowledge and data-gathering processes from history and the social sciences into appropriate and meaningful social studies experiences for children and youth. Teacher candidates will also develop an understanding of and practice using

instructional strategies, activities, and materials that will enhance learning in social studies. The course will also address teaching social studies from the global perspective of a multicultural society while advocating civic participation. 3 s.h.

EDU 362. **Apprenticeship for Teaching, Dance Education II.** (Prerequisites: Pass Praxis I, Dance 234, and Education 262.) This field experience is based on concept and practice of teaching creative dance in an elementary setting. (Previously offered as Education 370T.) 1-2 s.h.

EDU 363. **Field Experience, Music Education II.** (Prerequisite: Pass Praxis I and Education 263.) Teacher candidates enrolled in this course will plan, implement, and evaluate appropriate instructional procedures for students in a variety of public middle school settings. (Previously offered as Education 370M.) 1 s.h.

EDU 364. **Apprenticeship for Teaching, Dance Education III.** (Prerequisites: Pass Praxis I, Education 262, and Education 362.) This field experience is based on the teacher candidate's assisting with curriculum building, instruction, and assessment in a discipline-based dance education model at the high school level. Placement is only with Richland Districts I, II; Lexington Districts I, II, V; and Fort Jackson Schools. 1 s.h.

EDU 368. **Understanding Diverse Learners.** Diversity manifests itself in a variety of forms in today's educational settings. This course is designed to develop an understanding of and appreciation for cultural, racial, ethnic, and religious diversity, as well as differences in class, gender, learning styles, ability, etc. Examination of societal expectations and stereotypes, and self-examination of personal prejudices and biases will help prepare future teacher candidates to deal effectively with diverse populations of learners. 2 s.h.

EDU 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

EDU 370D. **Internship in Diagnostic-Prescriptive Teaching.** Individual work with faculty supervision in working with children who have been identified as deficient in basic skills or reading and mathematics. Diagnostic-prescriptive teaching procedures and techniques will be utilized. 1 s.h.

EDU 371. **Foundations in Reading.** (Prerequisite: Pass Praxis I) This course will provide the theoretical and evidence-based foundations of reading and writing processes and instruction for PreK and Elementary classroom teachers. 3 s.h.

EDU 372. **Instructional Practices in Literacy.** (Prerequisite: Pass Praxis I, Education 371) This course will focus on providing pre-service teachers with the ability to utilize instructional approaches, materials, and an integrated, comprehensive, balanced curriculum to support student learning in reading and writing; and have the knowledge to create a literate environment that fosters reading and writing by integrating foundational knowledge, instructional practices, approaches and methods, and curriculum materials. Students will develop awareness, understanding, respect, and a valuing of differences in society. 3 s.h.

EDU 373. **Reading and Writing Across the Content Areas.** (Prerequisite: Pass Praxis I, Education 371, Education 372) This course will focus on equipping teacher candidates to use instructional approaches, materials and an integrated, comprehensive, balanced curriculum to support student learning in reading and writing across the disciplines. Teacher candidates will be engaged with literary practices that develop awareness, understanding, respect and a valuing of differences in our society, as well as those which support dual language learners. Teacher candidates will continue to develop an understanding of the elements of creating a literate environment in the elementary school. 3 s.h.

EDU 377. **Children's Literature.** (Prerequisite: Pass Praxis I) In this course, teacher candidates will learn criteria for critiquing quality children's and adolescent literature. Teacher candidates will construct the curriculum through the interpretation of children's literature and adolescent literature using such techniques as reading aloud, storytelling, drama, puppetry, and others. Teaching activities will be integrated with the three parts of communication: reading, writing, and oral language. (Cannot be taken for 3 s.h. if credit has been earned in Education 390L.) 2-3 s.h.

EDU 380. **Elective Field Experience.** The course would allow majors to register for additional hours in school programs to complete hours required for teaching certificate endorsements. 1-3 s.h.

EDU 381. **Reading and Writing in the Content Areas.** (Prerequisite: Pass Praxis I) This course is designed to examine content, goals, and methods of teaching literacy in the middle grades. Emphasis is placed on the teaching of reading, writing, listening, speaking, media, and research across the curriculum. 3 s.h.

EDU 383. **Middle Grades Curriculum and Organization.** (Prerequisite: Pass Praxis I) This course is designed to provide middle level teacher candidates with an understanding of the major concepts, principles, theories, standards, and research related to middle level curriculum and the philosophical foundations of developmentally responsive middle level programs and schools. Middle level teacher candidates will gain knowledge of best practice to work successfully within a variety of school organizational components. 3 s.h.

EDU 385. **Effective Instructional Assessment Strategies in Middle Grades.** (Prerequisite: Pass Praxis I) This course is designed to provide middle level teacher candidates knowledge of assessment in the middle grades that include selecting methods of evaluation appropriate to each discipline and the age, development, and characteristics of students, interpreting and communicating results accurately and ethically, and integrating information gained through assessment into instructional plans. Methods of authentic, performance-based assessment will be stressed. Teacher candidates will also understand the impact and effect of State accountability laws on instruction and assessment as well as the major concepts, principles, theories, standards, and research related to middle level assessment. 3 s.h.

EDU 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

EDU 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

EDU 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

EDU 401. **Teaching Fellows Seminar VII.** This senior year seminar will stress the development of leadership skills for teachers. Teaching Fellows will take on a mentorship relationship with freshman and sophomore Fellows. Mandatory pass/fail. 1 s.h.

EDU 411. **Effective Instructional Assessment Strategies.** This course is designed to give teacher candidates experiences with assessment that include selecting methods of evaluation appropriate to each discipline and the age, development, and characteristics of students, interpreting and communicating results accurately and ethically, and integrating information gained from assessment into instructional plans. Methods of authentic, performance-based assessment will be stressed. Teacher candidates will also understand the impact and effect of State accountability laws on instruction and assessment. 2-3 s.h.

EDU 420. **Methods of Teaching Specific Content Areas in the Middle School and High School.** (Prerequisite: Pass Praxis I; Co-requisite: Education 360.) The application of content specific methods and theories of curriculum, instruction, classroom management, the teaching of reading, and assessment needed by the collaborative professional in the middle school and high school. The impact of the following in specific content areas will be integrated throughout the course: standards, research, diversity, and technology. Special sections for each of the following areas: A-Art; N-Natural Sciences; E-English; M-Mathematics; S-Social Studies. 3 s.h.

EDU 431. **Effective Mathematics Strategies.** (Prerequisite: Mathematics 117 and pass Praxis I.) Through this course, teacher candidates will examine the theoretical and practical aspects of teaching mathematics to young learners. Future teachers will become familiar with national curriculum standards and South Carolina standards for K-6 mathematics instruction. They will develop an understanding of instructional strategies, activities, and materials that will enhance student learning in this area. A special emphasis will be placed on the appropriate development and use of manipulatives and technology in the classroom. 3 s.h.

EDU 433. **Teaching Mathematics in Middle and Secondary Schools.** (Prerequisite: Education 360.) A site-based study of the theory and practice of mathematics pedagogy including techniques to develop effective reading of mathematics habits

in students, the planning, implementation, and evaluation of instruction, the selection and use of materials and technologies to enhance student learning and strategies to help teachers respond appropriately to changes in education. 4 s.h.

EDU 435. Methods of Teaching Music in the Elementary School. (Co-requisite: Education 263.) Preparation for future elementary music teachers – Students will study the moral and political foundations of teaching, curriculum development, and the teaching of reading. In addition, they will study the progressive musical development of elementary students and pedagogical techniques appropriate for teaching them music, including the methods of Kodaly, Orff, Dalcroze, Suzuki, and Gordon. They will learn how to utilize technology in their teaching and gain knowledge of the various types and characteristics of exceptional students and how to teach them music. Students will also become proficient players of standard elementary music literature, including multicultural music, for use in their teaching. Students will acquire knowledge of the state and national music standards, as well as the state adopted music text series and teacher performance evaluation system (ADEPT). Students will gain knowledge of research and its impact on standards and pedagogy, along with the administrative and professional duties of an elementary music teacher. They will develop a personal philosophy of elementary music assessment, classroom management, and music education, as well as write and teach music lessons for K-5 elementary grade levels. (Also listed as Music 435.) 3 s.h.

EDU 436. Methods of Teaching Music Content Areas in the Middle School and High School. (Co-requisite: Education 363 or 464.) Preparation for future middle and high school music teachers – Students will study the moral and political foundations of teaching, curriculum development, and the teaching of reading. In addition, they will study the progressive musical development of secondary students and pedagogical techniques specific to their area of specialization (choral or instrumental). Students will also learn how to utilize technology in secondary music teaching and gain knowledge of a variety of method books, materials, and literature (to include multicultural, jazz, and chamber music), specific to their area of specialization. Students will acquire knowledge of the state and national music standards, as well as the state adopted music text series and teacher performance evaluation system (ADEPT). They will gain knowledge of research and its impact on standards and pedagogy, along with the administrative and professional duties of a secondary music teacher. Students will develop a personal philosophy of secondary music assessment, classroom management, and music education. (Also listed as Music 436.) 3 s.h.

EDU 445. Differentiated Reading Procedures. The focus of the course will be on understanding individual readers' needs. The significance of establishing environments that are conducive to reading will be studied. Best practices in infusing reading into the content through the use of differentiated strategies that are grounded in research will be studied and applied. Teacher candidates will work with K-12 students for 10 hours during the semester. 2 s.h.

EDU 446. Teaching in the Middle School. A course designed to introduce the student to the basic concepts embodied in the middle school environment. Consideration is given to team teaching, individualization of instruction, flexible scheduling, independent study, laboratory experiences and programmed instruction. 3 s.h.

EDU 450. Teaching Strategies in the Middle and Secondary Schools. (Not open to students with credit in Education 415 and 488.) Future educators preparing to teach in the middle or high schools will learn general methods in an introductory module. A second module will provide specific methods used in their content areas. Additionally, students will acquire instructional tools to help them work with students who have difficulty learning through the textbook/lecture approach. ADEPT Performance Dimensions 1, 2, and 4-9 will be addressed in this course. 4 s.h.

EDU 452. Assessment of Literacy. (Prerequisite: Pass Praxis I, Education 371, Education 372, and Education 373.) This course will focus on literacy assessment and evaluation. Teacher candidates will use a variety of assessment tools to plan and evaluate effective reading and writing instruction. Teacher candidates will be able to communicate assessment results and implications for interventions for all children including learners with diverse backgrounds, dual languages, or exceptionalities. 3 s.h.

EDU 459. Early Childhood Curriculum, Organization and Management. (Prerequisite: Pass Praxis I and Education 358 or Consent of Instructor.) This course will deal with the historical, theoretical, and practical issues involved in the organization and management of early childhood programs, with emphasis on “developmentally appropriate teaching applications.” The teacher candidate will explore issues of child development and learning, curriculum development and implementation, assessment, program model evaluation, and professionalism. Emphasis will be placed on early childhood programs for ages four through eight years. 3 s.h.

EDU 463. **Remedial Reading.** (Prerequisite: Education 351/488. Consent of Instructor.) This course emphasizes common causes of reading disabilities, methods and procedures of diagnosis, study of materials, techniques, and treatment for disabled readers at both the elementary and secondary school levels. Lectures and laboratory participation are included. 3 s.h.

EDU 464. **Field Experience, Music Education III.** (Prerequisites: Education 263 and Education 363.) Teacher candidates enrolled in this course will plan, implement, and evaluate appropriate instructional procedures for students in a variety of public high school settings. 1 s.h.

EDU 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

EDU 470R. **Internship in Reading.** (Prerequisites: Education 351/488 and Education 463 or Consent of Instructor.) Tutoring of children in reading after diagnosis, both individually and in small groups in the public school setting. 3 s.h.

EDU 471. **Early Care and Education Internship.** A supervised experience working in a child care agency. (Mandatory Pass/Fail.) 6 s.h.

EDU 475. **Mentoring Teacher Leaders: Theory and Practice.** (Prerequisite: Consent of Instructor.) This course is designed to give certifying majors the opportunity to develop an understanding of leadership as demonstrated in educational settings. Teacher candidates will investigate the concepts of courage, commitment, confidence, and competence, as associated with the ability to lead, while enrolled in the course. Teacher candidate will work with identified leaders in public school systems as part of the course requirements; off campus time is required. 3 s.h.

EDU 478. **Youth Literature.** (Prerequisite: Pass Praxis I) This course is designed to educate teacher candidates in English to select and evaluate literary works appropriate to children and youth in grades 7 through 12. Priority is given to methods of teaching students how to read and write about literature. 3 s.h.

EDU 484. **Foreign Language Directed Teaching Seminar.** (Co-requisite: Education 485.) The course provides teacher candidates certifying to teach French or Spanish opportunities that will assist in the transition from teacher candidate to professional educator. Teacher candidates will share lesson plans they have designed and implemented that are based on professional standards of teaching and learning foreign language and education in general that meet the needs of a culturally diverse student population. Students will reflect on current theory and practices based on observation and experience in their directed teaching classrooms. This may include: effective instructional strategies, curriculum design, classroom management and conflict resolution skills, assessment and evaluation strategies, and practice in various content areas. Teacher candidates, as collaborative professionals, will share information about their total school program and their professional development activities. This course provides teacher candidates opportunities for collaboration and reflection simultaneous to directed teaching. (Not open to students with credit for Spanish 491F.) 1 s.h.

EDU 485LS. **Internship in Teaching (Directed Teaching).** (Prerequisite: Pass Praxis I and all courses in Professional Education and Specialization.) Teacher candidates will work under the direction of an experienced classroom teacher (certified Speech Language Pathologist for Speech Language majors) and assume increasing responsibilities up to full responsibility for a class. Placements will be made only with Richland I and II, and Lexington I, II and V. Dance Education and Speech Language Pathology majors are the only exceptions to this policy. (Cannot be audited.) 12 s.h.

EDU 486LS. **Professional Development and Teacher Leadership.** (Prerequisite: Pass Praxis I) This course is offered concurrently with Directed Teaching. The course provides education majors opportunities which will assist in the transition from teacher candidate to professional educator. Based on professional standards related to specific majors and education in general, teacher candidates will design and implement lesson plans to meet the needs of a culturally diverse student population. A major focus on current theory and practices, based on research, include: effective instructional strategies, curriculum design, classroom management and conflict resolution skills, assessment and evaluation strategies, and practice in various content areas. Teacher candidates, as collaborative professionals, will be involved in the total school program, both in and out of the classroom, in participating in professional development and in professional organizational activities. A professional development portfolio focusing on effective teaching strategies, professional activities, and models of teacher evaluation is required. 2 s.h.

EDU 487. **Professional Music Education Directed Teaching Seminar.** (Co-requisite: Education 485LS.) This course provides music education majors opportunities which will assist in the transition from teacher candidate to professional educator. Based on professional standards related to music and education in general, teacher candidates will design and implement lesson plans to meet the needs of a culturally diverse student population. A major focus on current theory and practices, based on research, include: effective instructional strategies, curriculum design, classroom management and conflict resolution skills, assessment and evaluation strategies, and practice in various content areas. Teacher candidates, as collaborative professional, will be involved in the total school program, both in and out of the classroom, in participating in professional development and in professional organizational activities. A professional development portfolio focusing on effective teaching strategies, professional activities, and models of teacher evaluation is required. 1 s.h.

EDU 488. **Reading in the Middle and Secondary School.** A study of practices, materials, and diagnostic tools useful in developing more effective reading habits and techniques in students of middle and secondary schools. Special emphasis is placed on the teaching of reading skills in the various content fields. 3 s.h.

EDU 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

EDU 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

EDU 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

English

ENG 019. **Writing Lab.** A directed individual study designed to assist those students who desire a more solid foundation in basic writing skills. For elective credit only, this course cannot be used in the fulfillment of an English major or for General Education requirements. Mandatory Pass/Fail. 1 s.h.

ENG 101. **Analytical Thinking, Writing, and Research I.** This course prepares students for academic writing at the college level with special attention to exposition and argument. Students learn to focus, organize, support, and develop their ideas and to provide proper attribution for secondary sources. Individual sections of this course will focus on a particular theme, such as the family, education, pop culture, gender, ethnography, or film. 3 s.h.

ENG 102. **Writing about Literature.** (Prerequisite: College Writing I and, if required by placement, English 110) This course furthers the writing, reading and thinking skills taught in a course that meets the College Writing I education competency. It provides students with an introduction to reading and writing from a literary perspective and to researching, synthesizing, and incorporating scholarly sources into students' own arguments.. 3 s.h.

ENG 110. **Strategies for Academic Success in College.** This course, primarily designed for first-year students, proposes to assist students in the following learning strategies: time management, reading comprehension, critical reading, listening, note taking, study for and taking tests, and vocabulary development. The course develops competence and autonomy in choosing appropriate learning strategies for varying academic situations. Elective credit only. 3 s.h.

ENG 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ENG 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ENG 191. **Independent Study.** (Prerequisite: College Writing I and, if required by placement, English 110.) Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent

study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ENG 192. **Independent Study.** (Prerequisite: College Writing I and, if required by placement, English 110.) Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ENG 200. **Survey of World Literature.** (Prerequisite: College Writing 1) A course designed to help the student appreciate literature as human experience and art. Selections from various periods, nationalities, and genres will serve as text materials. 3 s.h.

ENG 201. **Introduction to the English Major.** (Prerequisite: College Writing 1) This gateway course for English literary studies and English education majors reinforces analytical reading skills and teaches research strategies to support literary scholarship. A conversation about possible career choices for English majors begins in this course and continues in the required senior seminar. 3 s.h.

ENG 203. **The Modern Fairy Tale.** This course explores the evolution of the fairy tale into its modern form. Students will explore the complex history of this genre and its literary value—in fictional, poetic, and dramatic form—through Anglo-European texts as well as through texts from around the world. 3 s.h.

ENG 205. **Introduction to Mass Communication.** (Prerequisite: College Writing 1) A course introducing students to the variety of media that have transformed mass communication in contemporary society. The history of various forms of media, including books, magazines, newspapers, advertising, film, television, radio, and the Internet, will be explored as well as the issues and challenges that these various forms of media raise. Students will consider the impact of changing technologies on media and will practice reading, analyzing, and interpreting various print and non-print texts. 3 s.h.

ENG 210. **British Literature to 1660 (Medieval and Renaissance).** (Prerequisite: College Writing 1) A survey of British literature from its beginnings to 1660. (Not open to students with credit for English 320.) 3 s.h.

ENG 220. **British Literature 1660 to 1832 (Neoclassical and Romantic).** (Prerequisite: College Writing 1) A survey of British literature from 1660 to 1832. (Not open to students with credit for English 321 or 333.) 3 s.h.

ENG 230. **British Literature since 1832 (Victorian and Modern).** (Prerequisite: College Writing 1) A survey of British literature from 1832 to the present. (Not open to students with credit for English 334 or 335.) 3 s.h.

ENG 231. **Sex, Lies, and Anxieties in British Literature and Film.** (Prerequisite: College Writing 1) This course examines the ways in which various British poets, fiction writers, and film directors have addressed concerns about fear, horror, and the depths of human psyche – including anxieties about gender, class inequity, and social justice – from the French Revolution through the present. 3 s.h.

ENG 240. **American Literature I.** (Prerequisite: College Writing 1) American literature from its beginnings to the Civil War. (Not open to students with credit for English 336.) 3 s.h.

ENG 242. **Introduction to Methods in Tutoring and Peer Leadership.** (Prerequisite: Permission of the instructor) Introduction to theory and methods of peer tutoring and writing pedagogy, with individual work under faculty supervision in the role of Academic Skills Center tutor and/or composition classroom partner. May be taken twice for credit. 1 s.h.

ENG 250. **American Literature II.** (Prerequisite: College Writing 1) American Literature from the Civil War to the present. (Not open to students with credit for English 338 or 343.) 3 s.h.

ENG 251. **African-American Literature through Reconstruction.** (Prerequisite: College Writing 1) This course begins with an examination of slave narratives and includes writing by African Americans through the Reconstruction. 3 s.h.

ENG 252. **Twentieth-Century African-American Literature.** (Prerequisite: College Writing 1) This course includes works by writers from the Harlem Renaissance and by African-American writers through the twentieth century. 3 s.h.

ENG 261. **Collecting Treasures: Contemporary African Literature and Film.** (Prerequisite: College Writing 1) This course surveys contemporary African writers and how their works represent vast landscapes of socio-political change, ranging from imperialism, colonialism, oppression, racism, ethnic conflict, disenfranchisement, social justice, gender inequality, nation building, and literacy to artistic expression in literature and film. 3 s.h.

ENG 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ENG 275. **Advanced English Grammar.** (Prerequisite: College Writing 2) A course designed especially for students who plan to teach English and desire further practice in working with materials, methods, and mechanisms relating to English grammar. (Previously offered as English 360.) 3 s.h.

ENG 285. **Critical Approaches to Interpreting Texts.** (Prerequisite: College Writing 2) An introduction to a wide range of critical lenses for interpreting texts. 3 s.h.

ENG 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ENG 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ENG 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ENG 310. **Genre Studies.** (Prerequisite: College Writing 2) Each offering of this course focuses on a single traditional literary genre, such as the novel (N), short fiction (S), poetry (P), drama (D), or the essay (E). Letter suffixes will indicate the genre specific to each offering. Students may take English 310 more than once as long as the letter suffix (genre) differs each time. 3 s.h.

ENG 311. **Popular Fictions.** (Prerequisite: College Writing 1) This course focuses on genre, subgenre, and cross-genre works of popular fiction such as science fiction, detective fiction, westerns, horror, and historical fiction, among others. 3 s.h.

ENG 315. **Development of Modern English.** (Prerequisite: College Writing 1) A study that traces the linguistic trends and historical changes resulting in Modern English. (Previously offered as English 460.) 3 s.h.

ENG 325. **Shakespeare.** (Prerequisite: College Writing 2, Satisfactory completion of the Oral Communication requirement.) Prefaced by an introduction to the English drama, this course is primarily an intensive study of selected comedies, histories, and tragedies. (Previously offered as English 475.) 3 s.h.

ENG 340. **American Women Writers.** (Prerequisite: College Writing 2) A study of the contributions of American women writers to the literature of the United States. (Previously offered as English 235.) 3 s.h.

ENG 342. **Intermediate Methods in Tutoring and Peer Leadership.** (Prerequisite: Permission of the instructor) Intermediate research, reading, and supervised work in theory and methods of peer tutoring and writing pedagogy, as an Academic Skills Center tutor and/or composition classroom partner. May be taken twice for credit. 1 s.h.

ENG 355. **British Women Writers.** (Prerequisite: College Writing 2) A study of the contributions of British women writers to English literature. (Previously offered as English 255.) 3 s.h.

ENG 356. **Eighteenth-Century Studies.** (Prerequisite: College Writing 2) From the early development of the novel to the fine feeling of Romantic-era poetry, the eighteenth-century marks an era of tremendous intellectual range and socio-cultural investigation. Enlightenment reason, satire, sentimentality, the cult of sensibility, abolition, aesthetics, sedition, manner, conduct, and empire are just a few topics that represent how human nature, behavior, and institutions underwent enormous

reevaluation in the public sphere. This course explores how literature served as a powerful tool for social reform and political change and will include works by authors such as Aphra Behn, Jonathan Swift, Daniel Defoe, Samuel Richardson, Eliza Haywood, Charlotte Smith, and Ann Radcliffe. 3 s.h.

ENG 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ENG 372. **Literature of the American South.** (Prerequisite: College Writing 2.) This course surveys literature by writers with thematic or geographical ties to the southern United States, with special emphasis on the modern and contemporary. 3 s.h.

ENG 373. **American Gothic.** (Prerequisite: College Writing 2) This course explores the definitions and origins of the gothic in American literature and examines developments from the 18th century through the 21st century. The course also considers gothic literature as a reflection of social and political changes in American culture. Class members read and discuss critical theory throughout the semester and apply various critical approaches to their analyses of works. 3 s.h.

ENG 375. **American Multicultural Literature.** (Prerequisite: College Writing 2.) This course highlights the literary contributions of African-American, Native-American, Asian-American, and Latino writers. Special attention is given to women writers. 3 s.h.

ENG 374. **American Romanticism.** (Prerequisite: College Writing 2) Covering writers and works from roughly 1835 to 1865 in the United States, this course explores American romanticism as an aesthetic and ideological category, enabling us to examine literary responses to issues such as individualism, slavery, westward expansion, Native American displacement, and women's rights. 3 s.h.

ENG 381. **Film and Literature.** (Prerequisite: College Writing 2) This course examines film adaptations of literary texts and applies basic skills for critical appreciation to original video and film productions. 3 s.h.

ENG 382. **Women's Autobiography.** (Prerequisite: College Writing 2) This course explores the field of autobiography in general and elements of women's life writing in particular. Students read and discuss twentieth-century autobiographies by women from different cultural and socio-economic backgrounds, as well as various geographic locations, including Africa, Asia, Europe, South American, and North America. Various theories of autobiography are examined. 3 s.h.

ENG 383. **The Modern Consciousness.** (Prerequisite: College Writing 2) This course examines the ways in which early 20th century writers from around the world attempted to convey interiority – the “consciousness” of an individual – but we will also be thinking about “modern consciousness” in a wider cultural and historical sense. 3 s.h.

ENG 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ENG 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ENG 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ENG 399LS. **Leadership Semester in English.** (Prerequisites: acceptance into the English major and consent of the instructor.) Students will demonstrate leadership related to the English major. They may fulfill the requirements of the Leadership Semester in a variety of ways, including the following: holding an elected or appointed position; contributing to a publication; tutoring; creating a service project; planning and presenting a scholarly presentation at a conference; or gaining work experience. Students may propose other options for demonstrating leadership in the discipline as well. Students will present a written plan connecting the Leadership Semester to the major, submit a written reflection on the Semester, and in an approved public forum share their experiences. 0-3 s.h.

ENG 410. **Seminar in Comparative Literature.** (Prerequisite: College Writing 2) This course engages students in the comparative study of literature representing two or more different languages, countries, or cultures. 3 s.h.

ENG 415. **Seminar in British Literature.** (Prerequisite: College Writing 2) Content will vary. 3 s.h.

ENG 425. **Seminar in American Literature.** (Prerequisite: College Writing 2) Content will vary. 3 s.h.

ENG 430. **Seminar on an Author.** (Prerequisite: Prerequisite: College Writing 2.) This course engages students in in-depth study of a single author and her or his work. 3 s.h.

ENG 442. **Advanced Methods in Tutoring and Peer Leadership.** (Prerequisite: Permission of the instructor) Advanced research, reading, and supervised work in theory and methods of peer tutoring and writing pedagogy, as an Academic Skills Center tutor and/or composition classroom partner. May be taken four times for credit. 1 s.h.

ENG 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

ENG 478. **Young Adult Literature.** (Prerequisite: College Writing 2) This course focuses on literature for adolescent readers. 3 s.h.

ENG 485. **History of Critical Theory.** (Prerequisite: English 285.) This course focuses on primary texts by major voices in critical theory throughout history. 3 s.h.

ENG 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

ENG 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ENG 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

ENG 495. **Senior Seminar.** (Prerequisite: College Writing 2) The Senior Seminar is an integrative capstone experience for the English major. The course engages students in complex and diverse readings, writing projects, and reflective activities that promote a comprehensive understanding of the intellectual and practical values of the discipline. 3 s.h.

French

FRE 121. **Elementary French I.** This course introduces the basic five C's of the language—communication, cultures, connections, comparisons, communities—through a functional approach. Emphasis is on developing communicative competence in simple conversations on familiar material in context. Study of French-speaking countries, their cultural patterns and customs is included. 3 s.h.

FRE 122. **Elementary French II.** (Prerequisites: French 121, placement test, or consent of the instructor. Satisfactory completion of the Oral Communication requirement is also a prerequisite if the course is to fulfill the Communication Intensive requirement.) This course continues to develop skills introduced in 121 in communication, cultures, comparisons, communities and connections as students function in French in contextualized situations presented in class. Emphasis is on a functional approach to oral communication. The course also includes further study of French-speaking countries, their cultural patterns and customs. This course fulfills either the Communication Intensive requirement or the general education Modern Language requirement but not both. 3 s.h.

FRE 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

FRE 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

FRE 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

FRE 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

FRE 221. **Intermediate French I.** (Prerequisites: French 122, placement test, or consent of instructor. Satisfactory completion of the Oral Communication requirement is also a prerequisite if the course is to fulfill the general education communication intensive requirement.) This course continues to develop skills introduced in 121 and 122 in communication, cultures, comparisons, communities and connections, as students function in French in contextualized situations presented in class. Emphasis is on oral and written expression. Study of French speaking countries, cultural patterns and customs is enhanced through analysis of written, visual and aural text. This course fulfills the general education communication intensive requirement. 3 s.h.

FRE 222. **Intermediate French II** (Prerequisite: French 221 or placement test. Satisfactory completion of the Oral Communication requirement is also a prerequisite if the course is to fulfill the general education communication intensive requirement.) This course continues and completes the basic French language sequence. Students continue to develop skills in communication, cultures, comparisons, communities and connections. Emphasis is on oral and written expression. Study of French speaking countries, cultural patterns and customs is enhanced through analysis of written, visual and aural texts and their application to real world scenarios. This course fulfills the general education communication intensive requirement. 3 s.h.

FRE 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

FRE 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

FRE 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

FRE 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

FRE 300. **Guided Practice in Grammar.** (Prerequisite: French 222, advanced placement, or consent of the instructor.) This course provides the opportunity to master certain grammar structures through oral and written practice. It may include some areas that are particularly challenging, such as the preterit and imperfect tenses and the subjunctive mood. Students who need to take this course will be advised to do so before taking French 340 Advanced Grammar and Composition. (This course may be taken for credit multiple times up to a maximum total of 3 semester hours.) 1 s.h.

FRE 340. **Advanced Grammar and Composition.** (Prerequisite: French 222, advanced placement, or consent of the instructor.) Intensive work in advanced grammar and composition including language analysis. 3 s.h.

FRE 341. **Conversation I.** (Prerequisite: French 222, advanced placement, or consent of the instructor.) A course designed to develop oral communicative skills by focusing on expansion of vocabulary and increasing fluency and listening comprehension. 3 s.h.

FRE 351. **Discovering Culture through Film.** (French 222, advanced placement, or consent of the instructor.) This course uses films of France and Francophone countries for the dual purpose of studying film as a cultural product and studying film as a vehicle for understanding culture. The films serve as a starting point in each case for an examination of the historical, social, or economic contexts of the film narrative. 3 s.h.

FRE 365. **Introduction to Methods of Teaching Foreign Languages.** (French 222, advanced placement, or consent of the instructor.) This course is an introduction to a standards-based approach to teaching modern languages. This course acquaints the student with second-language acquisition theory, methods of teaching, the diverse learner, and strategies for using technology and culturally authentic materials. Students practice long- and short-term planning and assessment of instruction while developing an awareness of current issues in the teaching profession. 3 s.h.

FRE 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

FRE 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

FRE 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

FRE 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

FRE 399LS. **The Leadership Semester for the French Minor.** This course is designed for students who choose to study in France or in any Francophone region of the world or for those who engage in an internship in which they interact in French with native speakers. In collaboration with the supervising faculty member, the student will establish a list of key questions to address before, during, and after the leadership experience. Throughout the experience, the student will maintain a blog that includes reflections, linguistic encounters, and cultural images (photos) to be discussed and evaluated with the supervising faculty member. These electronic blogs will serve the CC community in providing other students with an account of authentic encounters. Once the student has completed her experience, she will compile an electronic portfolio of her work and will present her experience in a public forum. The presentation will include reflections on her personal evolution regarding cultural and linguistic competence (C4–“competence”). The student’s reflections will deal with issues regarding her experiences of accepting risk (C1–“courage”), embracing values (C2–“commitment”), and seizing opportunities (C3–“confidence”). Expected outcomes of FRE399LS include a development of linguistic competence (both oral and written), a development of intercultural competence, an increased awareness of cultural similarities and differences (including an ability to negotiate those differences), an awareness of the student’s identity as a world citizen, and an understanding of how the experience contributes to her potential as a leader. 1 s.h.

FRE 420. **Archetypes in French and Francophone Literature.** (French 222, advanced placement, or consent of the instructor.) This course examines archetypes in literatures from France and Francophone countries. Their role in cultural identity and the broader cultural landscape is explored. A variety of figures such as the hero, the anti-hero, the parvenu, and the romantic will be studied. The course also includes the introduction of key literary terms and concepts necessary for textual analysis at the 400 level. 3 s.h.

FRE 440. **Modern and Contemporary French Literature** (Prerequisite: French 222, advanced placement, or consent of the instructor.) This course is a study of representative French authors and selected works from the nineteenth century to today. It includes the introduction of key literary terms and concepts necessary for textual analysis at the 400 level. 3 s.h.

FRE 450. **African Literatures.** (Prerequisite: French 222, advanced placement, or consent of the instructor.) The course will study the literatures of the French speaking countries of Africa, the oral and written traditions, the different literary

currents and their history, and the main authors from 1920 to the present. It will also pose questions about the language and the role of African writers, especially women writers, in society. The course also includes the introduction of key literary terms and concepts necessary for textual analysis at the 400 level. 3 s.h.

FRE 451. Women in French Literature. (Prerequisite: French 222, advanced placement, or consent of the instructor.) A study of selected works by French and Francophone women writers and a study of female characters from selected French literary works. The course also includes the introduction of key literary terms and concepts necessary for textual analysis at the 400 level. 3 s.h.

FRE 470. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

FRE 481. Translation. (Prerequisite: French 222, advanced placement, or consent of the instructor.) This course provides students with theory and practice of French-English translation. Students will translate a variety of text types likely to be encountered in professional situations including some of the following: brochures, brief interviews, press releases, advertisements, packaging, manuals, dialogues, stories, and poems. 3 s.h.

FRE 485. French for the Professions and International Affairs. (Prerequisite: French 222, advanced placement, or consent of the instructor.) The aim of this course is to increase knowledge of issues, customs, and vocabulary necessary to meet the demands of working in an international Francophone environment, in the areas of diplomacy, government and business. Intercultural competency is a major focus of this course. Continued development of reading, writing, listening, and speaking skills is central as students begin to function within defined professional workplaces. The instructor will attempt to match course content to student needs and interests, with each individual focusing in-depth on studying her future profession or area of interest in a Francophone context. 3 s.h.

FRE 490. Special Problems. A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

FRE 491. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

FRE 492. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Gender and Women's Studies

GWS 170. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

GWS 190. Special Problems. A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

GWS 191. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

GWS 192. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

GWS 200. Introduction to Girls Studies. The course examines the construction of the identity of female adolescents under the age of eighteen, examining the social aspects that influence girlhood, cultural expectations placed on girls, and the need

for advocacy in areas of health, safety, education, and media consumption. Students will come to understand the ways in which girlhood has been limited, contained, and defined by social forces, providing a missing link to discourse on women's issues. 3 s.h.

GWS 270. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

GWS 290. Special Problems. A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

GWS 291. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

GWS 292. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

GWS 300. Issues in Gender Studies. An interdisciplinary study of gender and the intersection of gender with other substantive categories of analysis and identity, including race, sexuality, class, disability, and nationality. Through an examination of the social creation and cultural representation of femininity and masculinity, the course addresses how theory informs activism and practice 3 s.h.

GWS 370. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

GWS 390. Special Problems. A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

GWS 391. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

GWS 392. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

GWS 399LS. Gender Studies Leadership Semester. (Prerequisite: Junior standing and Consent of Instructor.) Practical, theoretical and critical experience in leadership as applied to the interdisciplinary field of Gender and Women's Studies. Students may choose from: (1) a practicum leadership project 1 s.h., (2) a course-related leadership project 1 s.h., (3) a community leadership project 1-4 s.h., or (4) a student-proposed leadership project 1-4 s.h. Students must develop a Leadership Semester Proposal that indicates how their projects demonstrate leadership and/or offers them opportunities to develop as leaders based on The Columbia College Leadership Vision statement and the Four Cs of Leadership. Students will also present the results of their projects in a public forum and, after completing their projects, will write reflection papers which assess how their experiences helped them develop as leaders. 1-4 s.h.

GWS 470. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

GWS 490. Special Problems. A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

GWS 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

GWS 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Geography

GEOG 164. **Introduction to World Geography.** A systematic study of the major regions of the world. A study of the influence of the physical landscape on the development of the cultural landscape and the cultures of the people. 3 s.h.

GEOG 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

GEOG 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

GEOG 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

GEOG 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

GEOG 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

GEOG 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

GEOG 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

GEOG 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

GEOG 335. **Urbanization.** A study of the factors that have led to urbanization and an analysis of the modern urban area and its influence on modern man. 3 s.h.

GEOG 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

GEOG 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

GEOG 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

GEOG 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

GEOG 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

GEOG 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

GEOG 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

GEOG 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

History

HIS 102. **Perspectives on World Civilization I.** A study of significant developments in human history from the earliest civilizations to the sixteenth century. Fulfills General Education requirement in History unless a substitute is approved by the Program Coordinator of History. 3 s.h. (Not open to students who have taken History 101 or History 190J.)

HIS 103. **Perspectives on World Civilization II.** A study of significant developments in human history from the 15th century to the present. Fulfills General Education requirement in History unless a substitute is approved by the Program Coordinator of History. 3 s.h. (Not open to students who have taken History 101 or History 190K.)

HIS 104. **Contemporary World History: Post 1945.** This course considers the history of the world since 1945. Topics to be explained include, but are not limited to, the Cold War, the end of colonial empires, the rise of Islamic nationalism and fundamentalism, the creation and growth of the European Union, the United States as a superpower, the rise of China, and the fall of the Soviet Empire. 3 s.h.

HIS 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

HIS 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

HIS 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HIS 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HIS 200. **The Historian's Craft.** An introduction to the study of history designed for the beginning history major. The course will have two main objectives: (1) to provide students with the analytical tools historians employ to turn primary source material into historical narrative, and (2) to introduce students to the kinds of questions historians ask about the past

and some answers they have offered to these questions. Students will learn research and writing techniques that will help them to succeed as history majors and historians. 3 s.h.

HIS 201. The District of Columbia: History and Culture (Co-requisite: enrollment in the Washington Semester Program.) This course examines the history of Washington, D.C. from its origins in 1791 to the present. Students study the fundamental characteristics that made the District of Columbia's history unique, in particular its political structure and its race relations. As the seat of the federal government and as a non-state, Washing, D.C.'s interaction with and reliance on Congress make its political structure unusual and complex. The course will shed light on how the District has negotiated its dual role as a city and the seat of the federal government. Students will examine urban development of the District and the complexity of its race relations. In order to better understand the complexities of its negotiated identity. In addition, students will engage in assigned cultural activities to help them further explore and understand the city. (Previously offered as part of Political Science 201). 3 s.h.

HIS 207. United States History, Colonial Era to Reconstruction. A survey of the political, social, and economic history of the United States from the European conquest through the Reconstruction era. (Not open to students with credit in History 201 or History 202.) 3 s.h.

HIS 208. United States History, Reconstruction Era to the Present. A survey of the political, social, and economic history of the United States from the Reconstruction era to the present. (Not open to students with credit in History 203 or History 204.) 3 s.h.

HIS 209. American Political History. A study of the origins and evolution of America's political institutions, ideologies, and structures from the colonial era to the present. 3 s.h.

HIS 210. Hitler and the Holocaust. Hitler and the Holocaust will examine Adolf Hitler, his personality and impact, and the Holocaust, the deliberate Nazi campaign of discrimination and extermination of the Jews in Western and Eastern Europe, 1933-1945. The learning resources will be graphic arts, audio-visuals, periodical literature, biographies, and the testimony of survivors. 3 s.h.

HIS 215. The American Woman. This course is an interdisciplinary look at the American woman, her history, her traits, her education, her work, her changing roles, and her efforts at securing her rights. 3 s.h.

HIS 220. History of South Carolina. A survey of South Carolina as colony and state, with particular emphasis on background necessary for understanding present-day problems. 3 s.h.

HIS 225. The South in American History. A survey of the economic, social, cultural and political history of the southern region of the United States, with particular emphasis on southern identity and southern distinctiveness. 3 s.h.

HIS 230. Myth, Magic and Science. This course utilizes reading and discussions of ancient, medieval, and early modern texts to explore the intellectual development of the Western world. Applying historical analysis and a variety of interpretive theories, students will analyze the development of philosophy and science from classical Greece through European Enlightenment. (Previously offered as History 290R.) 3 s.h.

HIS 232. Politics and Religion. This course explores the religious and the political spheres of human culture. Focusing on the Western religious traditions, students will engage the emergence of Christianity from within the hostile Roman Empire to a religion co-opted by that empire and the states that succeed it. The American experience of church and state conflict and the ideal of a "wall of separation" between the spheres of religion and politics will be explored in a variety of contexts. (Also offered as Religion 232) 3 s.h.

HIS 250. The Civil War and Reconstruction. A study of the United States between 1850 and 1880, focusing on the Civil War and Reconstruction. (Not open to student with credit for History 190C or History 190V.) 3 s.h.

HIS 260. African American History, Culture and Politics. The issues of race and justice in America will be studied through an analysis of historical, political and social factors. (Also listed as Political Science 260.) 3 s.h.

HIS 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

HIS 270A. **Internship in Applied History.** (Prerequisite: 2.5 GPA and Consent of Instructor.) Applied or public history. On-the-job work experience with historical museum, public or private agency, or historical preservation site. Individual work under faculty supervision with evaluation based on performance and achievement. 1-4 s.h.

HIS 270L. **Internship in Law.** (Prerequisite: Minimum 2.5 cumulative GPA and Consent of Instructor.) On-the-job work experience in the legal profession. Individual work under faculty supervision with evaluation based on performance and achievement. (Also listed as Political Science 270L.) 1-4 s.h.

HIS 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

HIS 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HIS 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HIS 305. **History of Racism and Prejudice.** A study of selected cases of expressions of racism and prejudice and of the impact they had on human civilization. 3 s.h.

HIS 310. **History of China.** A study of Chinese history, culture, and politics, with special focus on the period from the 1600s to the present. (Not open to students with credit for History 390E.) 3 s.h.

HIS 315. **History of Japan.** A study of Japanese history, culture, and politics, with special focus on the period from the 1600s to the present. (Not open to students with credit for History 390D). 3 s.h.

HIS 335. **History and Politics of Africa.** A study of the history, culture and political systems of selected sub-Saharan African countries. (Also listed as Political Science 335.) 3 s.h.

HIS 336. **Islamic Civilization.** A study of the origins of Islam and an investigation into how Islam has shaped the many different cultures of Asia, Europe, and Africa during the last 1400 years. 3 s.h.

HIS 340. **American Women Leaders.** This course examines the lives of women who have made significant contributions to American society. Special emphasis is placed on the role of women as agents for social change and on the leadership styles and skills utilized in effecting change. (Not open to students who have taken History 390K.) 3 s.h.

HIS 345. **American Culture.** A course designed to convey an understanding of the American heritage, ideals, institutions, people, habits -- in short, the American culture -- by use of the broad social studies approach. 3 s.h.

HIS 357. **History of Britain to 1688.** A study of British history and culture from antiquity to the Glorious Revolution. (Not open to students who have taken History 356.) 3 s.h.

HIS 358. **History of Britain from 1688 to the Present.** A study of British history from the Glorious Revolution to the present. (Not open to students who have taken History 356.) 3 s.h.

HIS 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

HIS 382. **Medieval Europe.** A study of European history and culture from the Sixth century to the beginnings of the Renaissance. 3 s.h.

HIS 383. **The Renaissance and Reformation.** A study of European history and culture during the Renaissance and Reformation era. 3 s.h.

HIS 384. **Early Modern Europe.** A study of European history and culture from the Reformation to 1789. 3 s.h.

HIS 385. **Modern Europe.** A study of European history and culture from the French Revolution to European Union. 3 s.h.

HIS 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

HIS 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HIS 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HIS 405. **Women of the Third World.** A survey of the status and role of women in developing regions of the world. Topics include: education, political participation, economic development, violence, health, religion and culture. (Also listed as Political Science 405.) (Not open to students who have taken Political Science 390 M.) 3 s.h.

HIS 410. **Problems in Applied History.** (Prerequisite: Consent of Instructor.) A practical course in policy or program analysis, evaluation, design, and research skills. Student normally studies a policy or program within a public agency, museum, or historic preservation site. 1 s.h.

HIS 419. **American History Through Fiction and Film.** The development of an understanding of American history through the use of selected historical novels and films. 3 s.h.

HIS 425. **Ancient Civilizations.** This course examines the history and culture of selected early Asian, African, Pre-Columbia American, Classical or Mediterranean civilizations. (Not open to students who have taken History 290D.) 3 s.h.

HIS 432. **Political Biography.** This course is designed to provide a detailed study of selected historical periods through an examination of the leading personalities of the era. Major, and some minor, social and political figures will be studied as a means of better understanding their era and their contributions. 3 s.h.

HIS 435. **Women in European History.** An introduction to the history of women in Europe from ancient times to the Renaissance. Special topics include women in early pre-historic societies, the rise of patriarchy, women and religion, marriage and family, the concept of "women's work," and women's education. 3 s.h.

HIS 441. **Current Events in Historical Perspective.** A study of the historical roots of contemporary political and cultural trends. (Also listed as Political Science 441.) 3 s.h.

HIS 449. **Native American History and Politics.** A study of the impact of federal Indian policy on selected Native American nations. (Also listed as Political Science 449.) 3 s.h.

HIS 458. **Latin America from Antiquity through Colonialism.** A study of Latin American pre-conquest civilization and cultures, the period of conquest, and the era of colonial rule. 3 s.h.

HIS 459. **Latin America from Independence to the Present.** A study of Latin America from the struggles for independence to the present. (Also listed as Political Science 459.) 3 s.h.

HIS 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

HIS 470LS. **Applied History Experience.** (Prerequisite: Consent of the Instructor.) This course provides students with an opportunity to apply the skills and knowledge gained through their studies to a work setting. During the semester students are required to reflect upon their experience and the personal challenges they face in practicing and redefining their own leadership skills. Mandatory Pass/Fail. 6 s.h.

HIS 472. **Modern Russia.** A study of imperial Russia, the Soviet Union, and post-Soviet developments. 3 s.h.

HIS 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

HIS 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HIS 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HIS 493. **Senior Seminar.** This course is designed to be a culminating experience for the history major. The course includes instruction in historical methodology as well as some directed readings in a subject area. The student is expected to produce a major research product. Cross-listed as Political Science 493. 3 s.h.

Honors

HON 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

HON 190. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

HON 191 **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HON 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HON 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

HON 290. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

HON 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HON 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HON 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

HON 390. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

HON 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HON 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HON 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

HON 490. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

HON 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HON 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

HON 498. **Honors Project.** This is a project carried out by a junior or a senior student under the guidance of a faculty member. Honors projects may be research oriented or of a creative nature. The student must present her proposal for approval at least one semester before she enrolls for credit in this course. 3-4 s.h.

Leadership Studies

LEAD 101. **Leadership and Professional Development.** Students will be introduced to the real- world practice of leadership in a particular career context. Content will focus on personal and professional leadership skills and behaviors necessary for career success. This course may be taken up to 4 times for course credit. 1 s.h.

LEAD 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

LEAD 190. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

LEAD 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LEAD 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LEAD 210. **Peer Leadership and the First-Year Experience.** Selected upper-class students will work collaboratively with assigned Liberal Arts 100 mentors in planning course content, facilitating class discussions, and creating a positive learning environment for Liberal Arts 100: Foundations for Learning in the Liberal Arts. Student co-instructors will attend weekly Liberal Arts 100 class sessions and all scheduled Monday Colloquias, conduct an individual interview with each student in their class, coordinate one group social, during the course of the fall semester, and attend five Leadership 210 class meetings led by the Dean of Students. 2 s.h.

LEAD 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

LEAD 290. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

LEAD 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LEAD 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LEAD 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

LEAD 390. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

LEAD 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LEAD 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LEAD 399LS. **Leadership Studies Leadership Semester.** (Prerequisite: Consent of Instructor.) Practical, theoretical and critical experience in leadership as applied to the Minor in Leadership Studies. Students may choose from: (1) a course-related leadership project 1 s.h., (2) a community leadership project 1-4 s.h., or (3) a student-proposed leadership project 1-4 s.h. Students must develop a Leadership Semester Contract that indicates how their projects will demonstrate leadership and/or enhance their experiences related to the Minor and the Four Cs of Leadership. Students will write on-going reflections as they complete their projects and they will also present the results of their projects in a public forum. 1-4 s.h.

LEAD 401LS. **Leadership in Action.** (Prerequisites: Leadership 301 or Consent of Instructor. Satisfactory completion of the Oral Communication requirement.) This course provides students a capstone opportunity to synthesize their understanding of Leadership Studies in practical terms. Students will prepare a presentation focused on leadership as it relates to their own personal curricular, co-curricular, or extracurricular experiences. This project will require demonstration of oral and written communication skills, and a self-awareness of personal strengths and challenges with regard to leadership. (Previously offered as Leadership 400.) 3 s.h.

LEAD 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

LEAD 490. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

LEAD 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LEAD 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Liberal Arts

LA 100. **Strategies for Academic and Professional Excellence.** This course enables students to develop essential skills and application of knowledge relevant to their individual lives through active process (e.g., instruction, practice, self-evaluation, and self-reflection). Students will acquire strategies for academic success, experiences for increasing personal growth and responsibility, approaches to professional development and career exploration, as well opportunities for cultivating a commitment to Columbia College and the greater community. This course is required of all first-time, full-time students. 3 s.h.

LA 110. **Strategies for Academic and Professional Excellence.** This course is designed for students who bring college credit from other institutions. Students build on previously mastered and develop new skills and application of knowledge, relevant to their individual lives through active process (e.g., instruction, practice, self-evaluation, and self-reflection). Students will acquire additional strategies for academic success, experiences for increasing personal growth and responsibility, approaches to professional development and career exploration, as well opportunities for cultivating a commitment to Columbia College and the greater community. 3 s.h.

LA 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

LA 190. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

LA 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LA 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LA 200. **Liberal Arts in Action: Mission and Vocation.** (Prerequisite: Liberal Arts 100) To explore a variety of professional fields, students visit businesses, nonprofits, government agencies, arts and advocacy groups; conduct interviews with professionals; and attend lectures by experts. Students complete academic work that includes research and reflection on topics assigned by their instructors and relevant to their experiences so that they may reflect on the Liberal Arts as both profession and vocation as they consider majors and career choices. 3 s.h.

LA 201. **Diversity, Gender, and Social Justice.** (Only students who have completed two full semesters may enroll in Liberal Arts 201). This course will introduce students to some of the central themes, debates and issues that inform Diversity, Gender, and Social Justice. In particular, this course, using a problem-based learning approach, will explore current issues and controversial debates that have been central to the growth of the study of women and gender, and

equal/human rights movements nationally and globally by exploring the intersections of race, ethnicity, class, sexuality, and gender. Through an interdisciplinary examination of our systems of knowledge and social institutions, the course will reflect on the way our public and private relationships, as well as the quality of our lives, continue to be shaped in relation to these systems and institutions. The course offers a range of perspectives on the work, class, and lives of women and men in our local, national and global communities. 3 s.h.

LA 210. **Diversity and Social Justice.** This course is designed for students who bring college credit from other institutions. The course will introduce students to some of the central themes, debates and issues that inform Diversity, Gender, and Social Justice. In particular, this course will explore current issues and controversial debate that have been central to the growth of the study of women and gender, and equal/human rights movements nationally and globally by exploring the intersections of race, ethnicity, class, sexuality, and gender. In addition, students will also learn about available academic resources, professional development opportunities and social organizations offered by the institution. 3 s.h.

LA 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

LA 290. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

LA 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LA 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LA 301. **Women, Leadership and Social Change.** (Prerequisite: Liberal Arts 201.) This course is an introduction to the ethical issues underlying leadership and social change from the perspective of women. Building on LA 201, Diversity, Gender, and Social Justice, This course explores the relationship among the common good, justice as fairness, and major models of leadership as they apply to affecting social change historically and/or contemporarily. Students will be required to design a service-learning project that demonstrates their understanding of the concepts in the course. 3 s.h.

LA 310. **Women, Leadership, and Social Justice.** This course is designed for students who bring college credit from other institutions. This course introduces students to the ethical issues underlying leadership and social justice from the perspective of women. The course explores the relationship among the common good, justice as fairness, and major models of leadership as they apply to affecting social change historically and/or contemporarily. Additionally students will learn about available academic resources, professional development opportunities and social organizations offered by the College. NOTE: Open only to students who bring a minimum of 56 credits from other accredited colleges. 3 s.h.

LA 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

LA 390. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

LA 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LA 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LA 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

LA 490. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

LA 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LA 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Library

LIB 100. **The Information Maze: Finding Your Way.** This one-hour course will give students the opportunity to develop survival skills for the increasingly complex information age. The librarians will lead students through the various types of information available, ranging from print resources to computerized databases. The student will learn effective ways to find, evaluate, and use information to meet her individual research and information needs. This course will provide skills that will benefit both the student's entire college learning experience and future career choices. (Previously offered as Orientation 190B.) 1 s.h.

LIB 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

LIB 190. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

LIB 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LIB 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LIB 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

LIB 290. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

LIB 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LIB 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LIB 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

LIB 390. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

LIB 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LIB 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LIB 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

LIB 490. **Special Problems.** A course not currently listed by the division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

LIB 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

LIB 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Mathematics

MATH 100. **Essential Mathematics Topics.** This course will help students master essential mathematical concepts and reinforce problem solving skills. 3 s.h.

MATH 102. **College Algebra.** (Prerequisite: Mathematics 100 or Consent of the Program Coordinator.) A study of algebraic concepts and operations, problem-solving, and modeling. Linear, polynomial, exponential, and logarithmic functions are studied using technology. 3 s.h.

MATH 104. **Precalculus Algebra.** (Prerequisite: Placement by the Program Coordinator. May be taken concurrently with Mathematics 106.) This course covers topics in algebra specifically needed for Business Calculus (Mathematics 107) or Calculus I (Mathematics 160). Topics include polynomial, rational, exponential, and logarithmic functions, graphs of functions, and solutions of equations and inequalities. The primary emphasis is the enhancement of algebraic manipulation skills. Other components include problem solving and the appropriate use of computational technology. (Not open to students who have credit for Mathematics 105 or Mathematics 130.) 3 s.h.

MATH 106. **Precalculus Trigonometry.** (Pre- or co-requisite: Mathematics 104 or placement by the Program Coordinator.) This course covers topics in trigonometry specifically needed for Calculus II (Mathematics 165). Topics include trigonometric functions, applications of trigonometry, complex numbers, vectors, and polar coordinates. Algebraic manipulation skills, problem solving, and the appropriate use of computational technology are covered. 3 s.h. (This course may be taken concurrently with Calculus I (Mathematics 160)).

MATH 107. **Business Calculus.** (Prerequisite: A grade of C or better in Mathematics 104 or placement by the Program Coordinator.) An introductory course of the calculus, including topics of the derivative and the definite integral with applications to business. Concepts are approached numerically, graphically, and analytically. This course is designed for Business Administration or Accounting majors. 3 s.h.

MATH 117. Mathematics for Elementary Teachers I. (Prerequisite: Mathematics 100 or placement by the Program Coordinator.) A conceptual approach to arithmetic, number theory, set theory and logic intended for education majors. Emphasis is placed on exploration and the use of manipulatives to enhance skills and concepts from the elementary curriculum. 3 s.h.

MATH 119. Mathematics for Elementary Teachers II (Prerequisite: Mathematics 117 or Consent of the Program Coordinator.) A conceptual approach to probability, statistics, geometry, measurement, and geometric transformations intended for education majors. Emphasis is placed on problem solving and decision making with the use of manipulatives. 3 s.h.

MATH 120. Liberal Arts Mathematics. (Prerequisite: Mathematics 100 or placement by the Program Coordinator.) This course covers basic topics in quantitative literacy. Numbers, sets, logic, probability, and descriptive statistics are the core concepts. Additional topics such as financial mathematics, geometry, and algebraic modeling may be included at the discretion of the instructor. All topics will be placed in both historical and present-day contexts. Problem solving, communication skills, and applications will be emphasized. 3 s.h.

MATH 131. Development and Enhancement of Problem-solving and Think Habits Part I. This course is part one of a two semester seminar sequence. The fall course will focus on developing strong problem solving and reasoning skills and effective collaboration through group work. Many problems presented in this course will come from mathematics but also from the sciences. The course will include a fall weekend workshop and will then meet for one hour every other week. (Cross-listed as Biology 131 and Chemistry 131.) 1 s.h.

MATH 132. Development and Enhancement of Problem-solving and Think Habits Part II. (Prerequisite: Biology/Chemistry/Mathematics 131.) This course is part two of a two semester seminar sequence. The spring course will build upon the skills learned through Biology/Chemistry/Mathematics 131 and will focus on applying acquired skills to a real-life problem. The major end product of the course will include a formal presentation at Spearsfest The course will meet for one hour every week. (Cross-listed as Biology 132 and Chemistry 132.) 1 s.h.

MATH 140. Elementary Statistics. (Prerequisite: Mathematics 100 or placement by the Program Coordinator.) This is an introductory course in the fundamentals of modern statistical methods. Topics include descriptive statistics, probability, random sampling, hypothesis testing, estimation, linear regression, and correlation. (Not open to students with credit for Psychology 300, Mathematics 340 or Mathematics 353.) 3 s.h.

MATH 150. Discrete Mathematics. (Prerequisite: A grade of C or better in Mathematics 104 or placement by the Program Coordinator.) An introduction to discrete structures, algorithms and proof with an emphasis on problem-solving. Topics include logic, sets, functions and relations, elementary number theory, counting, and elementary graph theory. 3 s.h.

MATH 160. Calculus I. (Prerequisite: A grade of C or better in Mathematics 104 or placement by the Program Coordinator.) The first in a series of courses on the theory and applications of the calculus. Topics include: limits, the derivative and its applications, the integral, and the fundamental theorem of calculus. Functions studied include algebraic, logarithmic and exponential functions. Concepts and applications are explored numerically, graphically, and analytically. 3 s.h.

MATH 165. Calculus II. (Prerequisite: A grade of C or better in Mathematics 160 and Mathematics 106 or by placement by the Program Coordinator.) The second in a series of courses on the theory and applications of the calculus. Topics include the derivative of trigonometric and inverse trigonometric functions, techniques of integration, applications of the integral, differential equations, parametric equations, and polar coordinates. Concepts and applications are explored numerically, graphically, and analytically. 3 s.h.

MATH 170. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MATH 190. Special Problems. A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

MATH 191. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MATH 192. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MATH 218. Elementary Number Theory. (Prerequisites: Grades of C or better in Mathematics 150 and Mathematics 160) A study of the basic results of elementary number theory. Topics include: division algorithm, fundamental theorem of arithmetic, the Euclidean algorithm, linear Diophantine equations, congruence, the Chinese remainder theorem, quadratic reciprocity. Additional topics chosen from Pythagorean triples, Gaussian integers, sums of squares, continued fractions, arithmetic functions, or cryptography. 3 s.h.

MATH 220. Introduction to Proofs. (Prerequisite: Grades of C in both Mathematics 150 and Mathematics 160) This course examines methods of constructing mathematical proofs. Students will practice reading and writing mathematical proofs, particularly those found in set theory, number theory, elementary analysis, and abstract algebra. 3 s.h.

MATH 240. Probability. (Prerequisite: Mathematics 160.) The theory and applications of probability. An emphasis is placed on using technology for computation and for simulation of experimental data. Descriptive statistics and classical probability are used to introduce the subject. Discrete and continuous probability distributions, including binomial and normal distributions, and their applications are explored. (Students may not receive credit for both Mathematics 240 and 343.) 3 s.h.

MATH 251. Discrete Structures for Computer Science. (Prerequisite: Mathematics 150 and Computer and Information Science 211.) This course provides the mathematical tools and foundations for advanced studies in computer science. Topics include graph theory and applications to data structures, matrices, finite state machines, and computability. 3 s.h.

MATH 260. Calculus III. (Prerequisite: A grade of C or better in Mathematics 165.) The third in the series of courses on the theory and applications of the calculus. Topics include infinite sequences and series, series approximations of functions, vectors and the geometry of space, and vector functions. Concepts and applications are explored numerically, graphically, and analytically. 3 s.h.

MATH 265. Calculus IV. (Prerequisite: A grade of C or better in Mathematics 260.) The fourth in the series of courses on the theory and applications of the calculus. Topics include: partial derivatives, multiple integrals, vector calculus and additional topics on differential equations. Concepts and applications are explored numerically, graphically, and analytically. 3 s.h.

MATH 270. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MATH 290. Special Problems. A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

MATH 291. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MATH 292. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MATH 301. Mathematics Seminar. (Prerequisite: A grade of C or better in Mathematics 305, Linear Algebra) Course content will vary from semester to semester. Mandatory Pass/Fail. May be repeated. 1 s.h.

MATH 305. **Linear Algebra.** (Prerequisite: A grade of C or better in Mathematics 220.) The theory and applications of matrices and vectors. Matrix solutions of systems of linear equations lead into a more abstract exploration of matrices, vector spaces, linear transformations, and Eigen values. Technology-based problem solving is central. 3 s.h.

MATH 325. **Geometry.** (Prerequisite: A grade of C or better in Mathematics 150 and Mathematics 160.) A survey of topics in Euclidean and non-Euclidean geometry. Special emphasis is placed on proof-writing, axiomatic systems, and individual research focused on making connections between geometry and other areas of mathematics. 3 s.h.

MATH 340. **Statistics.** (Prerequisite: Mathematics 240.) A continuation of Mathematics 240 into the theory and application of statistics. The emphasis is on analyzing experimental data using technology. Inferential statistics, hypothesis testing and linear and multiple regression analysis are used to inform conclusions concerning data sets. (Students may not receive credit for both Mathematics 340 and 343.) 3 s.h.

MATH 343. **Probability and Statistics.** (Prerequisite: A grade of C or better in Mathematics 150 and Mathematics 160.) A study of probability, discrete and continuous random variables, moments, special distributions, sampling, multivariate normal distributions, confidence intervals, testing hypothesis, statistical decision theory, regression, and design of experiments. (Students may not receive credit for both Mathematics 340 and 343.) 3 s.h.

MATH 350. **Numerical Analysis.** (Prerequisite: A grade of C or better in Mathematics 162.) A study of numerical methods for solving problems. Appropriate algorithms for finding integrals, determining roots of equations, and fitting curves to data will be developed, analyzed and implemented. 3 s.h.

MATH 360. **Differential Equations.** (Prerequisite: A grade of C or better in Mathematics 162.) A study of differential equations and their use in mathematical modeling. A wide scope of applications which can be modeled with differential equations is studied. Solutions of these equations are determined both analytically and technologically. 3 s.h.

MATH 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MATH 380. **Historical Topics.** (Prerequisites: Grades of C or better in two mathematics courses numbered 160 or higher. Satisfactory completion of the College Writing I requirement.) An historical survey of the major personalities, ideas and themes in the development of mathematics. An emphasis is placed on research and communications skills. 3 s.h.

MATH 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

MATH 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MATH 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MATH 399LS. **Leadership Semester in Mathematics.** (Prerequisites: Junior or Senior standing and Consent of the Program Coordinator.) An exploration and reflection of the student's leadership experiences in conjunction with a required or optional activity such as an internship, senior project, research experience, or community service. A reflective essay or journal and an oral presentation are required. 1 s.h.

MATH 405. **Abstract Algebra.** (Prerequisite: A grade of C or better in Mathematics 220.) A study of groups and rings. The algebraic structures groups and rings, their properties, and mappings between them are studied in a formal setting. Communicating mathematical ideas through proofs is a key concept. 3 s.h.

MATH 460. **An Introduction to Real Analysis.** (Prerequisite: A grade of C or better in Mathematics 305, Mathematics 325, or Mathematics 405.) A theoretical examination of the calculus. The concepts of real number, sequence, continuity, and differentiation will be formalized. Rigor in mathematical exposition will be a major emphasis. 3 s.h.

MATH 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MATH 470A. **Internship in Applying Mathematics.** (Prerequisite: Junior or Senior Mathematics major and Consent of the Program Coordinator.) This internship is designed to provide the student with an opportunity for applying mathematics in a non-academic setting. The Program Coordinator's approval of each student's proposed internship must be secured during the semester before the student enrolls for credit in this course. Each student will complete a portfolio tracing the development of her mathematical ideas. 1-3 s.h.(May be repeated up to a total of 4 s.h.)

MATH 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

MATH 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MATH 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MATH 498. **Senior Project.** (Prerequisite: Senior Mathematics major and Consent of the Program Coordinator.) The senior project is an in-depth individualized study of a mathematical topic or series of problems under the guidance of a mathematics faculty member. Students must prepare a written summary of their work and make a 30-minute oral presentation of their project. The Program Coordinator's approval of each student's proposed project must be secured during the semester before the student enrolls for credit in this course. Each student will complete a portfolio tracing the development of her mathematical ideas. 3 s.h.

Music – Applied

A. Attendance at Student Recitals and Studio Seminars is required of all applied students.

B. The amount of practice time for each individual student is determined by the instructor. It is recommended that one semester hour credit be given for each three hours per week of practice, plus the necessary individual instruction.

C. Students not majoring or minoring in music may not take applied lessons without the approval of the program coordinator. They may take non-credit bearing private lessons through the Musical Arts Studio.

MUA 041. **Beginning Guitar.** Introductory course in guitar, designed for music major with a principal instrument other than guitar and for the non-major, particularly for the beginner. May be taken multiple times for credit. 1 s.h.

MUA 042. **Intermediate Guitar.** Intermediate course in guitar, designed for the music major with a principal instrument other than guitar and for the non-major. May be taken multiple times for credit. 1 s.h.

MUA 045. **Beginning Piano I.** Introductory course in piano, designed for the music major with a principal instrument other than piano. This course may be taken multiple times for credit as students develop proficiency in piano. 1 s.h.

MUA 046. **Beginning Piano II.** Intermediate course in piano designed for the music major with a principal instrument other than piano. This course may be taken multiple times for credit as students develop proficiency in piano. 1 s.h.

MUA 049. **Class Piano.** For keyboard principles. Development in all phases of performance technique, style, musicianship, interpretations, and repertoire. Course of study determined by needs of students. This course may be taken multiple times for credit. 1 s.h.

MUA 101. **Class Voice for Majors and Minors I.** Introduction to the fundamentals of studio voice instruction including the study of proper physical alignment, breathing technique, register usage, vocal range, legato singing and vocal agility, vowel production and modification, attacks and releases, IPA (International Phonetic Alphabet), the development of independent learning and practice skills, development of performance skills, and basic vocal anatomy. 1 s.h.

MUA 102. **Applied Voice.** The study of literature and techniques of voice. Students receive weekly private lessons. A one hour lesson is 1 credit hour and a half hour lesson is .5 credit hours. May be taken for credit multiple times. .5-1 s.h.

MUA 103. **Applied Piano.** The study of literature and techniques of Piano. Students receive weekly private lessons. A one hour lesson is 1 credit hour and a half hour lesson is .5 credit hours. May be taken for credit multiple times. .5-1 s.h.

MUA 104. **Applied Organ.** The study of literature and techniques of Organ. Students receive weekly private lessons. A one hour lesson is 1 credit hour and a half hour lesson is .5 credit hours. May be taken for credit multiple times. .5-1 s.h.

MUA 105. **Applied Harpsichord.** The study of literature and techniques of Harpsichord. Students receive weekly private lessons. A one hour lesson is 1 credit hour and a half hour lesson is .5 credit hours. May be taken for credit multiple times. .5-1 s.h.

MUA 106. **Applied Guitar.** The study of literature and techniques of Guitar. Students receive weekly private lessons. A one hour lesson is 1 credit hour and a half hour lesson is .5 credit hours. May be taken for credit multiple times. .5-1 s.h.

MUA 107. **Applied Violin.** The study of literature and techniques of Violin. Students receive weekly private lessons. A one hour lesson is 1 credit hour and a half hour lesson is .5 credit hours. May be taken for credit multiple times. .5-1 s.h.

MUA 108. **Applied Viola.** The study of literature and techniques of Viola. Students receive weekly private lessons. A one hour lesson is 1 credit hour and a half hour lesson is .5 credit hours. May be taken for credit multiple times. .5-1 s.h.

MUA 109. **Applied Cello.** The study of literature and techniques of Cello. Students receive weekly private lessons. A one hour lesson is 1 credit hour and a half hour lesson is .5 credit hours. May be taken for credit multiple times. .5-1 s.h.

MUA 113. **Applied Flute.** The study of literature and techniques of flute. Students receive weekly private lessons. A one hour lesson is 1 credit hour and a half hour lesson is .5 credit hours. May be taken for credit multiple times. .5-1 s.h.

MUA 114. **Applied Oboe.** The study of literature and techniques of oboe. Students receive weekly private lessons. A one hour lesson is 1 credit hour and a half hour lesson is .5 credit hours. May be taken for credit multiple times. .5-1 s.h.

MUA 115. **Applied French Horn.** The study of literature and techniques of French Horn. Students receive weekly private lessons. A one hour lesson is 1 credit hour and a half hour lesson is .5 credit hours. May be taken for credit multiple times. .5-1 s.h.

MUA 116. **Applied Bassoon.** The study of literature and techniques of Bassoon. Students receive weekly private lessons. A one hour lesson is 1 credit hour and a half hour lesson is .5 credit hours. May be taken for credit multiple times. .5-1 s.h.

MUA 117. **Applied Clarinet.** The study of literature and techniques of Clarinet. Students receive weekly private lessons. A one hour lesson is 1 credit hour and a half hour lesson is .5 credit hours. May be taken for credit multiple times. .5-1 s.h.

MUA 118. **Applied Composition.** Performance in the art of musical composition including the study of structure, counterpoint, harmony, rhythm, instrumentation, and other important aspects related to the art of creating original music. .5-1 s.h.

MUA 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MUA 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed. 1-4 s.h.

MUA 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUA 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUA 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MUA 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed. 1-4 s.h.

MUA 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUA 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUA 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MUA 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed. 1-4 s.h.

MUA 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUA 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUA 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MUA 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed. 1-4 s.h.

MUA 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUA 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Music - Ensemble

MUE 140. **Chorus.** (Two hours a week.) This performing ensemble is open to students by enrollment. The curricular focus is development of basic music literacy skills and advanced choral and vocal technique while studying literature representing a variety of cultures and time periods. This course may be taken multiple times for credit. In addition, this course functions as the conducting lab experience for students enrolled in MUS 304 and MUS 305. 1 s.h.

MUE 145. **Concert Choir.** (Two and one half hours a week.) This performing ensemble is open to students by audition only. The curricular focus is development of advanced music literacy skills and advanced choral and vocal technique while studying literature representing a variety of cultures and time periods. This course may be taken multiple times for credit. 1 s.h.

MUE 150. **Accompanying Ensemble.** (Two hours a week.) This course is designed to provide opportunity to keyboard principles to amass accompanying experience throughout the course of a semester while working with a studio performer or ensembles. This course may be taken multiple times for credit. 1 s.h.

MUE 155. **Chamber Ensemble.** (Three hours a week.) The focus of the ensemble is the large body of chamber music by major composers such as Beethoven, Mozart, Bach and others. The ensemble literature represents a wide variety of cultures and musical practices. This class may be taken multiple times for credit. 1 s.h.

MUE 160. **Jazz Combos Ensemble.** (Two hours a week.) This course provides the opportunity to both vocal and instrumental students to develop skills in improvisation and jazz performance. The course may be taken multiple times for credit. 1 s.h.

MUE 165. **Hi C's Ensemble.** A 10-12 voice ensemble whose focus is vocal jazz and a cappella choral arrangements. The ensemble members are drawn from the choir (MUE 145) and the chorus (MUE 140) by competitive audition at the beginning of the fall semester. The ensemble serves as a major representative of the college, both on and off the campus. It also functions as a professional ensemble in the community. Travel is often required. MUE 165 may not be used to meet requirements for the major in music. This course may be taken multiple times for credit. 1 s.h.

MUE 166. **Opera Scenes.** This ensemble focuses on the introduction to stage movement, vocal production, and stage presence. An opera and musical scenes program will be rehearsed and performed during the term. This course may not be used to meet requirements for the major in music. This course may be taken multiple times for credit. 1 s.h.

MUE 167. **Spring Musical.** This ensemble focuses on stage movement, stage presence, and vocal production. Participating students will perform in the Columbia College spring musical. The full-scale musical production will be rehearsed and performed at the end of the semester. This course may not be used to meet the requirements for the major in music. This course may be taken multiple times for credit. 1 s.h.

MUE 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MUE 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed. 1-4 s.h.

MUE 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUE 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUE 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MUE 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed. 1-4 s.h.

MUE 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUE 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUE 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MUE 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed. 1-4 s.h.

MUE 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUE 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUE 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MUE 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed. 1-4 s.h.

MUE 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUE 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Music – General Courses

MUS 101. **Fundamentals and Music Theory I.** A thorough study of the fundamentals of music theory including notation, intervals, major and minor scales and key signatures, clefs, and triads. Additionally, students will begin to apply their skills in fundamentals to the understanding of music theory including writing chords in key systems, and writing chord progressions with proper vocal leading. 3 s.h.

MUS 102. **Music Literacy and Aural Skills I.** Introduction to the fundamentals of aural and written music. Course content is designed to develop basic literacy in music and includes the study of notation and musical terminology and the aural component of melody, harmony and rhythm at a level required for the further study of music theory, aural skills and applied study. In addition, emphasis will be placed on familiarizing students with Kodaly solfeggio, Takadimi rhythm syllables and numerical rhythmic counting and development of listening skills as applicable to concepts such as form and style in Western Art Music. 1 s.h.

MUS 103. **Music Theory II.** (Prerequisite: Music 101.) A continuation of Music 101. Topics include seventh chords, basic modulation, secondary function, and an introduction to modes. 3 s.h.

MUS 104. **Aural Skills II.** Continuation of instruction in the fundamentals of aural and written music. Course content is designed to develop coordination of melodic, rhythmic, and harmonic elements of music and their application through sight singing, dictation and keyboard work at a level required for the further study of music theory and aural skills. 1 s.h.

MUS 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MUS 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

MUS 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUS 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUS 201. **Music Theory III.** (Prerequisite: Music 101, 103.) Continuation of Music 103 on a more advanced level. Topics include advanced modulations, secondary function, and harmonic sequences. 3 s.h.

MUS 202. **Aural Skills III.** (Prerequisite: Music 104.) (Two hours per week) A continuation of Music 104. 1 s.h.

MUS 203. **Music Theory IV.** (Prerequisites: Music 101, 103, 201.) Continuation of Music 201. Topics include an introduction to species counterpoint, Neapolitan and augmented sixth chords and enharmonic modulations. 3 s.h.

MUS 204. **Aural Skills IV.** (Prerequisite: Music 202.) (Two hours per week.) A continuation of Music 202. 1 s.h.

MUS 205. **A Survey of Popular Music.** A survey of the major trends in American popular music since 1900 including jazz, swing, country-western, surfing music, folk-rock, jazz-rock, punk and many others. Emphasis on the rock-n-roll era, 1955 to the present, including its origin, history, development and influences. Major artists representative of the various styles will be discussed. Emphasis is on listening, lecture and in class discussion. This course is designed for the non-music major. 3 s.h.

MUS 206. **Music of the World.** The primary purpose of this course is to increase musical understanding through perceptive listening to music of both western and non-western cultures. In addition to traditional Western European classical music, students will be introduced to music of the western hemisphere (traditional folk and religious music, jazz, country, gospel, black popular music, rock, and native American music), music of Africa, Russia and Eastern Europe, India, Japan, South America, Mexico, and the Caribbean. These repertoires will provide appropriate material for introducing musical concepts and for gaining an understanding of the nature of music, how it is created, and how it functions. 3 s.h.

MUS 207. **Music Appreciation.** (Previously offered as Music 75, Music 290A) This course is designed for the non-music major who wants to develop perceptive listening skills through the study of the great musical masterworks of western European classical music. Various musical elements, forms, and stylistic periods will be studied not merely to impart facts, but to stimulate the student's curiosity, enthusiasm and love of music. (Not open to students with credit in Music 206.) 3 s.h.

MUS 208. **Music of the Beatles.** (Previously offered as Music 290D) A study of the musical importance of the Beatles to the rock 'n' roll era beginning in the 1960's and continuing to the present as well as the cultural significance of The Beatles to the tempestuous decade of the 1960's, both in America and England. The course covers the musical contributions that set The Beatles apart from many other rock 'n' roll groups of the 1960's including text painting, structures, chord progressions and modulations, and text setting. Additionally, the course will examine how The Beatles' song lyrics and their role as "pop icons" of the 1960's influenced the culture of their own time and beyond. 3 s.h.

MUS 210. **Diction for Singers.** This course will focus on a systematic study of phonetics as it applies to singing in English, Italian, German, and French. The goal of the course is to increase the student's clarity of expression in these languages. The course is designed to increase proficiency of pronunciation and to introduce the International Phonetic Alphabet (IPA). 1 s.h.

MUS 230. **Music for the Dancer.** (Prerequisite: Dance Majors only.) The purpose of this course is to increase the dancer's understanding of music and its relationship to dance. Course will expand the student's knowledge of musical elements, terminology and procedures. The basics of musical notation and the scanning of musical scores for information pertinent to dance performance and choreography will be covered. The student will broaden her acquaintance with contemporary styles

of music as well as those from past and other cultures. The student will learn how to communicate her musical needs to studio instrumentalists, conductors, performing ensembles, and collaborating composers. 3 s.h.

MUS 252. **Introduction to Brass Instruments.** Functional course in learning the techniques involved in playing the instruments of the brass family. 1 s.h.

MUS 260. **Introduction to Music Production.** An introduction to computer-based music production. Students will learn the basics of MIDI sequencing, digital audio recording, and music notation programs. 3 s.h.

MUS 270. **Internship.** (Prerequisite: Consent of Instructor.) Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MUS 270P. **Internship in Piano Pedagogy.** Students are assigned to Pre-College and College piano studios for observation of instruction. The course may be taken along with 370LS as a Leadership Semester. To fulfill the leadership component of this course, the student will assess instruction techniques and submit written assessment to the student's applied and pedagogy instructors. 2 s.h.

MUS 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

MUS 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUS 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUS 304. **Beginning Conducting.** . (Prerequisites: Music 101, 103. Co-requisite: MUE 184) Introduction to the basic principles of conducting technique, including baton use and basic psychomotor skills. 2 s.h

MUS 305. **Intermediate Conducting.** (Prerequisites: Music 101, 103 and 304. Co-requisite: MUE 184) A course continuing the study of conducting technique, including baton usage, psychomotor skills, score study, rehearsal preparation and pacing and literature selection. 2 s.h.

MUS 307. **Counterpoint.** A study of the elements and principles of eighteenth century counterpoint and their degree of application in musical literature. 2 s.h.

MUS 308. **Arranging: Instrumental and Choral.** (Prerequisite: Music 201 and 202 or Consent of Instructor.) Basic principles and applied practices in arranging and adapting music for small and large groups of instruments and vocal combinations. 2 s.h.

MUS 313. **Junior Recital.** A recital demonstrating the student's competence and confidence at the junior level of performance skills on her primary instrument. It may be in conjunction with another student or be a recital which is less than full length in duration. The course may be taken along with 399LS as a Leadership Semester. To fulfill the leadership component, the student will submit annotated program notes to be distributed at the recital. She will also write an assessment of the performance and submit it to her applied instructor. 1 s.h.

MUS 320. **Song Literature I and II.** A study of vocal literature from the Baroque, Classical, Romantic, and Twentieth Century repertoire with emphasis on styles of performance. 2 s.h.

MUS 321. **Song Literature I and II.** A study of vocal literature from the Baroque, Classical, Romantic, and Twentieth Century repertoire with emphasis on styles of performance. 2 s.h.

MUS 343. **Teaching and Learning through Music.** This course will focus on the application of music for interdisciplinary teaching in the elementary and early childhood settings. Teacher candidates will acquire the basic musical knowledge, skills,

and resources necessary to use music as a teaching tool. They will employ critical skills of analysis, synthesis, and creative problem solving to write and present lessons that incorporate music into interdisciplinary teaching. (Not open to students who have credit for Music 354). 3 s.h.

MUS 360. **Intermediate Music Production.** (Prerequisite: MUS 260) Use of basic computer-based music production techniques for production of music videos, songwriting and composition, music for dance, and music for advertising and marketing. 3 s.h.

MUS 365. **Music History and Literature I.** (Prerequisites: Music 100, 101 and 103 or Consent of Instructor.) A historical and stylistic study of music from Antiquity through the Classical period. Main topics include the legacy of antiquity; Medieval, Renaissance, Baroque, and Classical styles; important composers and their works. (Not open to students who have completed Music 361 or Music 362.) 3 s.h.

MUS 366. **Music History and Literature II.** (Prerequisites: Music 100, 101 and 103 or Consent of Instructor.) A historical and stylistic study of music from the Romantic period to the present. Main topics include music of the Romantic period, Impressionism, Nationalism, atonality, pop, jazz, and an introduction to world music. (Not open to students who have completed Music 363 or Music 364.) 3 s.h.

MUS 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MUS 370LS. **Music Internship Semester.** (Prerequisite: minimum Junior standing and Consent of Instructor.) Practical, theoretical, and critical experience in leadership as applied to the discipline of music. A student must develop a Leadership Semester Proposal for a course-related leadership project that indicates how her work for Music 370LS offers her opportunities to develop as a leader who demonstrates courage, commitment, competence, and confidence. Projects may include but are not limited to service learning experiences in a church, community, or musical organization, internship with a related organization in the arts community, a semester or travel abroad experience. Courses eligible for co-enrollment for Music 370LS are Music 270P, 338, 339, 370P, 420, and 421. This course may be repeated for credit multiple times. 1 s.h.

MUS 376. **Piano Literature II.** Survey of major keyboard works. 2 s.h.

MUS 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 sh.

MUS 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUS 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUS 399LS. **Music Leadership Semester.** (Prerequisite: minimum Junior standing and Consent of Instructor.) Practical, theoretical, and critical experience in leadership as applied to the discipline of music. A student must develop a Leadership Semester Proposal for a course-related leadership project that indicates how her work for Music 399LS offers her opportunities to develop as a leader who demonstrates courage, commitment, competence, and confidence. Projects may include but are not limited to research and publication, journal, portfolio, composition, a lecture-recital, and musical criticism. Courses eligible for co-enrollment for Music 399LS are Music 313 and 413. This course may be repeated for credit multiple times. 1 s.h.

MUS 401. **Form and Analysis.** (Prerequisite: Music 203 and 204, or Consent of Instructor.) A study of the relation of portions of a musical composition to each other and to the whole within the context of musical literature in its different formal types and styles. 3 s.h.

MUS 413. **Senior Recital.** A full length recital demonstrating the student's achievement of the highest level of competence and confidence on her primary instrument. The course may be taken along with 399LS as a Leadership Semester. To fulfill

the leadership component of this course, the student will submit annotated program notes to be distributed at the recital. She will also write an assessment of the performance and submit it to her applied instructor. 1 s.h.

MUS 420. **Voice Pedagogy.** (Prerequisite: at least 8 hours of college level vocal study.) Beginning voice teaching methods. The course may be taken along with 370LS as a Leadership Semester. To fulfill the leadership component of this course, students will demonstrate commitment, competence and confidence through the supervised teaching of one student. 2 s.h.

MUS 421. **Voice Pedagogy.** (Prerequisite: Music 420.) Intermediate voice teaching methods. The course may be taken along with 370LS as a Leadership Semester. To fulfill the leadership component of this course, students will demonstrate commitment, competence and confidence through the supervised teaching of one student. 2 s.h.

MUS 435. **Methods of Teaching Music in the Elementary School.** (Co-requisite: Education 263.) Preparation for future elementary music teachers – Students will study the moral and political foundations of teaching, curriculum development, and the teaching of reading. In addition, they will study the progressive musical development of elementary students and pedagogical techniques appropriate for teaching them music, including the methods of Kodaly, Orff, Dalcroze, Suzuki, and Gordon. They will learn how to utilize technology in their teaching and gain knowledge of the various types and characteristics of exceptional students and how to teach them music. Students will also become proficient players of standard elementary music instruments and gain knowledge of elementary music literature, including multicultural music, for use in their teaching. Students will acquire knowledge of the state and national music standards, as well as the state adopted music text series and teacher performance evaluation system (ADEPT). Students will gain knowledge of research and its impact on standards and pedagogy, along with the administrative and professional duties of an elementary music teacher. They will develop a personal philosophy of elementary music assessment, classroom management, and music education, as well as write and teach music lessons for K-5 elementary grade levels. (Also listed as Education 435.) 3 s.h.

MUS 436. **Methods of Teaching Music Content Areas in the Middle School and High School.** (Co-requisite: Education 363 or 464.) Preparation for future middle and high school music teachers – Students will study the moral and political foundations of teaching, curriculum development, and the teaching of reading. In addition, they will study the progressive musical development of secondary students and pedagogical techniques specific to their area of specialization (choral or instrumental). Students will also learn how to utilize technology in secondary music teaching and gain knowledge of a variety of method books, materials, and literature (to include multicultural, jazz, and chamber music), specific to their area of specialization. Students will acquire knowledge of the state and national music standards, as well as the state adopted music text series and teacher performance evaluation system (ADEPT). They will gain knowledge of research and its impact on standards and pedagogy, along with the administrative and professional duties of a secondary music teacher. Students will develop a personal philosophy of secondary music assessment, classroom management, and music education. (Also listed as Education 436.) 3 s.h.

MUS 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

MUS 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 sh.

MUS 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

MUS 492 **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Philosophy

PHIL 153. **An Introduction to Philosophical Ethics.** An introduction to the study of moral philosophy and its relationships to human conduct and social responsibility. Particular stress will be placed on the types of answers to ethical questions suggested by the various schools of philosophy. 3 s.h.

PHIL 154. Introduction to Philosophy. An introduction to basic philosophical methods and concepts through the exploration of the branches and central problems of philosophy. Topics include the existence of God, the relation between reason and faith, free will and determinism, the relation between mind and body, epistemology, ethics, and theories of human nature and existence. 3 s.h.

PHIL 156. Ethics of Yoga. An introduction to the philosophy of yoga, focusing on its ethical dimensions and origins in Indian philosophy and shared roots with Hindu and Buddhist thought. Special attention will be given to the intersection of social justice and gender as they pertain to yoga culture. Students will be introduced to beginning yoga postures by a certified yoga instructor. (Previously offered as Philosophy 190D.) 3 s.h.

PHIL 170. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PHIL 190. Special Problems. A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PHIL 191. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PHIL 192. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PHIL 205. Introduction to Logic. An introduction to the principles of reasoning, with emphasis on practical examples of fallacies (mistakes in argument), the means by which we may decide the worth of our conclusions (formal analysis of arguments, simple deduction), and the basic rules of critical thinking. 3 s.h.

PHIL 210. Philosophy of Religion (Prerequisite: Satisfactory completion of the College Writing I requirement.) An introductory level study of how philosophers have approached religious issues. Topics include arguments for and against the existence of God, the problem of evil, the character of religious experience, the relationship between revelation and reason, the nature of religious language, and the question of life after death. Through a study of the philosophy of religion, students gain an understanding of the nature and goals of philosophy. (Also listed as Religion 210.) 3 s.h.

PHIL 211. Agnosticism and Atheism. The course examines the difference between belief and knowledge, agnosticism and atheism, and religion and spirituality from the perspective of the philosophy of religion. (Previously offered as Philosophy 290N.) 3 s.h.

PHIL 221. History of Ancient Philosophy. A survey of the development of western philosophy from the pre-Socratic period to medieval scholasticism. 3 s.h.

PHIL 222. History of Modern Philosophy. A survey of the development of western philosophy from Descartes to the present. 3 s.h.

PHIL 256. Between East and West. The course examines how Western philosophers and cultural critics have received Eastern thought and practices, beginning in the 19th century to the present. (Previously offered as Philosophy 290P.) 3 s.h.

PHIL 270. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PHIL 290. Special Problems. A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PHIL 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PHIL 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PHIL 300. **Women and Philosophy.** An introduction to philosophical writings about women, by women, or for women. Selected philosophical issues (such as reason, knowledge, human nature, ethics, society, art, God, etc.) are studied from the perspective of women philosophers. Readings include historical and contemporary works. 3 s.h.

PHIL 310. **Philosophy and Film.** The course examines central ideas in the major areas of philosophy, such as metaphysics, epistemology, and ethics, through the use of films and philosophical texts. Additionally, the course introduces students to the philosophy of film through an examination of questions of authorship and audience, as well as the nature of film as a medium, as art, and as narrative. 3 s.h..

PHIL 323. **Philosophy of Culture.** The study of cultural traditions using philosophy as a focal point of analysis, focusing on the central themes of cultural critique, technology, and postmodernism. Major figures in recent continental philosophy and their challenges to the assumptions of philosophical inquiry since Descartes will be discussed. 3 s.h.

PHIL 330. **Philosophy and Literature.** An exploration of basic philosophical ideas and major philosophical thinkers through the analysis of philosophical and literary texts. Readings will pair texts on a thematic basis, exploring both literary and philosophical approaches to questions concerning truth, knowledge, beauty, and free will. The course may also examine the work of figures prolific in both disciplines, for example Jean Paul Sartre or Iris Murdoch. 3 s.h.

PHIL 350. **Philosophy of Art.** An introduction to philosophical issues relating to the visual arts, literature, and performing arts. Sample questions include: What is art, and what is the nature of aesthetic experience? Are there objective criteria by which we can distinguish good and bad art? What effects do the arts have on society and on us as individual human beings? What importance do the arts have in human experience? 3 s.h.

PHIL 353. **Issues in Contemporary Ethics.** This course combines a foundation in theoretical ethics with readings on the pressing ethical issues of our times. The course is driven by the underlying question of all ethics courses – How should we live? – with special emphasis placed on contemporary (yet timeless) concerns like globalization, social action, philanthropy, and the morality of public figures. Particular attention will be given to the manner in which we approach ethical dilemmas and the possibility of finding creative solutions which help us reframe even the most difficult moral quagmires. (Previously offered as Philosophy 390B.) 3 s.h.

PHIL 354. **Compassion.** The course examines the topic of compassion from religious, philosophical, and cultural perspectives, focusing on major figures and historical events as they relate to compassion. (Previously offered as Philosophy/Religion 390G.) (Cross-listed with Religion 354.) 3 s.h.

PHIL 355. **Love.** The course examines the topic of love from religious, philosophical, and cultural perspectives, focusing on major figures and historical events as they relate to love. (Cross-listed with Religion 355.) 3 s.h.

PHIL 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PHIL 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PHIL 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PHIL 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PHIL 398. **Ethics in Action.** One experiential learning/civic engagement project conducted ideally by an instructor in the student's major or by the director of the ethics minor program into which ethical analysis and reflection are integrated. 1 s.h.

PHIL 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PHIL 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PHIL 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PHIL 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Physical Education - Activities

PEA 104. **Golf.** An introduction to the history, rules, equipment, courses, handicapping, and fundamental skills. (Mandatory pass/fail.) 1 s.h.

PEA 105. **Weight Training.** Fundamentals of progressive resistance exercise training for muscular strength and endurance. (Mandatory pass/fail.) 1 s.h.

PEA 107. **Beginning Tennis.** The class will cover equipment, facilities, history, rules, strategies, and the basic strokes. (Mandatory pass/fail.) 1 s.h.

PEA 114. **World Dance.** Participation in multi-cultural folk/community/traditional dances from around the world, including American and nonwestern cultures. (Mandatory pass/fail.) 1 s.h.

PEA 120. **Beginning Swimming.** Fundamental swimming skills for safety and recreation. (Mandatory pass/fail.) 1 s.h.

PEA 121. **Aerobic Aquatics.** (Prerequisite: Intermediate Swimming Ability.) Individualized physical conditioning through lap swimming and aquatic calisthenics. (Mandatory pass/fail.) 1 s.h.

PEA 122. **Aerobic Dance.** Introduction to principles of cardiorespiratory fitness, flexibility, and coordination through continuous physical routines. (Mandatory pass/fail.) 1 s.h.

PEA 127. **Water Safety Instructor.** (Prerequisite: 17 years of age, current American Red Cross Emergency Water Safety or Lifeguard Certificate, and Swimmer level ability.) Skills, methods and techniques for teaching the American Red Cross Infant/Preschool Aquatics Program, progressive swimming and water safety courses. 2 s.h.

PEA 129. **Lifeguard Training.** (Prerequisite: Swim 500 yards, retrieve 10 lb. weight from pool bottom, and tread water two minutes using legs only.) Skills and knowledge required for effective lifeguarding at pools. Includes training in First Aid and CPR for the Professional Rescuer. American Red Cross certificates awarded for successful completion of Red Cross requirements. 2 s.h.

PEA 132. **Scuba Diving.** (Prerequisite: Intermediate swimming ability.) Certification program in open water scuba diving, includes five open water dives. (Additional fee required.) (Mandatory pass/fail.) 1 s.h.

PEA 134. **Outdoor Pursuits.** Skills and experiences to develop abilities in and appreciation for adventure and outdoor activities. (Mandatory pass/fail.) 1 s.h.

PEA 135. **Yoga.** The study of yoga for beginners. (Previously offered as PEA 190AA.) (Mandatory pass/fail.) 1 s.h.

PEA 136. **Pilates.** The Pilates training system was originally developed in the 1920s by German physical therapist Joseph Pilates. The main focus of the Pilates method is the development of balance, controlled breathing, flexibility, isometric strength, concentration, self-control, coordination, efficiency, harmony, and precision in movement. This course will include exercises which help to strengthen the body's core muscle groups combined with focused breathing patterns. The student will gain an understanding and develop a deeper awareness of the human body and will learn how to efficiently use and control movements of major muscle groups using breath. (Previously offered as PEA 190CC.) (Mandatory pass/fail.) 1 s.h.

PEA 137. **Karate-Self Defense.** This physical activity course provides basic knowledge and understanding of karate techniques for beginners; culture and context in which interpersonal violence occurs; the root causes and patterns of behavior within violent relationships; defense against forcible attacks; making immediate decisions when confronted with an assault. Students will learn basic karate and self-defense strategy with skills and techniques specifically designed for women. (Mandatory pass/fail) 1 s.h.

PEA 138. **Walk/Jog for Fitness.** The development of cardiorespiratory fitness through walking and/or jogging. The course will include principles of the exercise prescription, selection of appropriate clothing, injury prevention, hydration/nutrition, planning exercise routes, exercise misconceptions, and a pre/post health related physical fitness assessment. (Mandatory pass/fail.) 1 s.h.

PEA 139. **Introduction to Dance Styles.** A movement survey course in various forms of dance practices (i.e., ballet, modern, jazz, hip hop, conditioning, etc. (Also listed as Dance 139.) (Mandatory pass/fail.) 1 s.h.

PEA 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PEA 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PEA 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PEA 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PEA 200. **Administration of Health Promotion and Wellness Activities.** (Prerequisite: Physical Education and Health Promotion 102 and Consent of Instructor.) A practical experience in working in fitness testing, data collection and research, exercise programming, and exercise leadership. (Mandatory pass/fail.) (Previously offered as PEA 191R, PEA 192C, PEA 491B, and PE 291L.) (Mandatory pass/fail.) 1 s.h.

PEA 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PEA 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PEA 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PEA 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PEA 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PEA 370LS. **Leadership in Health Promotion and Wellness Programming.** (Prerequisite: Leadership 201 and Consent of Instructor.) A practical leadership experience in working with a certified health services specialist and/or a certified exercise physiologist in a community wellness program. The student may choose to work in one or more of the following areas of health: physical fitness, nutrition, weight management, reproductive health, drug education/prevention, or mental/emotional health. (Mandatory pass/fail) 1 s.h.

PEA 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PEA 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PEA 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PEA 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PEA 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PEA 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PEA 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Physical Science

PS 121. **Introduction to Physics and Chemistry.** (Physical Science 121 is not open to students who have received credit for Chemistry 121 and/or Physics 221.) (Three hours lecture and one three-hour laboratory weekly.) Correlates and integrates the facts and principles of Physics and Chemistry. 4 s.h.

PS 122. **Earth Science.** (Physical Science 122 is not open to students who have received credit for Physical Science 135.) (Three hours lecture and one three-hour laboratory weekly.) A descriptive introduction to the earth sciences of astronomy, geology, and meteorology for the general college student. The course explores such topics as the earth's size, composition, structure, processes, history, relationship to the other planets, and place in the universe. 4 s.h.

PS 125. **Environmental Geology.** (Three hours lecture and one three-hour laboratory weekly.) A descriptive course in applied geology, demonstrating how geologic information may be used to solve environmental conflicts and minimize

environmental degradation. Topics include: geologic hazards (earthquakes, volcanoes, landslides), land-use planning, evaluation of mineral resources and alternative energy sources, and assessment of conservation efforts. 4 s.h.

PS 127. **Scientific Inquiry.** This non-majors course introduces students to the scientific method of inquiry and to fundamental principles of the natural sciences. An active learning approach will lead to the design and implementation of small group research projects initiated by the students' explorations and questions. (Previously offered as Physical Science 190K.) 4 s.h.

PS 128. **Environmental Assessment.** (Previously offered as Physical Science 190J.) (Three hours lecture and one three-hour laboratory weekly.) General Education course. The course is designed to teach the principles of environmental assessment through a stressed stream analysis of the streams that provide flow into the 22,000 acre Congaree Swamp National Monument and International Biosphere (United Nations designation). Topics will include geology and physiographic provinces of South Carolina, the hydrologic cycle, the work of rivers and groundwater, water pollution, and chemical and biotic indices of pollution. (Not open to students with credit in Biology 290E or Chemistry 290E.) 4 s.h.

PS 130. **Southeastern Coastal Geology.** (Three hours lecture and one three-hour laboratory weekly.) An introductory course in the Pleistocene and Holocene coastal geology of South Carolina and adjacent states. Major topics include: near shore processes, sea-level change, shoreline change/stabilization, storms/hurricanes, and the interrelationships of island and marsh environments on natural versus altered islands. 4 s.h.

PS 132. **Oceanography.** (Three hours lecture and one three-hour laboratory weekly.) This introductory course emphasizes geological and physical oceanography. Topics include the history of oceanography, modern ocean science, coastal geology, marine geology, physical oceanography, and marine biology. A mandatory field trip is included. (Previously offered as Physical Science 290B.) 4 s.h.

PS 135. **The May Sky.** (Physical Science 135 is not open to students who have received credit for Physical Science 122 or independent study in Astronomy.) A brief introductory course in astronomy. The lecture (1 s.h.) includes a survey of both solar system and stellar astronomy, with an emphasis on recent developments. The laboratory (1 s.h.) includes light and spectra, basic optics, telescopes and resolution, orientation to the May sky in the planetarium, and observation at a dark site. 2 s.h.

PS 136. **The Weather Machine.** (Physical Science 136 is not open to students who have completed Physical Science 122.) A brief introductory course in meteorology. The lecture (1 s.h.) includes earth-sun relationships, weather and climate, composition of the atmosphere, global climate change, and violent weather. The laboratory (1 s.h.) includes the study of heat transfer, effects of acid rain, and measurement of temperature, precipitation, humidity, and wind. (Previously offered as Physical Science 190G, Physical Science 190W, and Physical Science 191T.) 2 s.h.

PS 140. **Physical Geology.** (Three hours lecture and one three-hour laboratory weekly.) The course covers a broad range of topics dealing with the formation and physical structure of the earth and the processes which shape the planet. Topics include minerals and rocks, geomorphology, structural geology, landscape formation, movement and chemistry of groundwater, plate tectonics, and geologic time. (Previously offered as Physical Science 190D, Physical Science 290C.) 4 s.h.

PS 142. **Earthquakes, Tsunamis and Volcanoes.** (Three hours lecture and one three hour laboratory weekly.) General Education course. This course presents the history of plate tectonic theory and emphasizes the geological hazards, prediction and mitigation of earthquakes, tsunamis and volcanoes. (Previously offered as PS 190L.) 4 s.h.

PS 145. **Introduction to Astronomy.** (Three hours lecture and one three hour laboratory weekly.) (PS 145 is not open to students who have received credit for PS 122, PS 135, or independent study in astronomy.) General Education course. Topics include features of the night sky, history of astronomy, light, optics, telescopes, Earth, Moon, planets, Sun, stars, stellar evolution, galaxies, quasars, and cosmology. Laboratory emphasizes observation and hands-on exercises. (Previously offered as PS 190A.) 4 s.h.

PS 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PS 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PS 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PS 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PS 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PS 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PS 291 **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PS 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PS 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PS 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PS 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PS 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PS 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PS 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PS 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PS 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Physics

PHYS 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PHYS 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PHYS 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PHYS 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PHYS 221. **General Physics I.** (Prerequisite: Mathematics 106 and Mathematics 160 or Consent of Instructor.) (Three hours lecture and one three-hour laboratory weekly.) A calculus-based course covering basic concepts of mechanics, heat, sound, light, electricity, magnetism and modern physics. 4 s.h.

PHYS 222. **General Physics II.** (Prerequisite Physics 221 or Consent of Instructor.) (Three hours lecture and one three-hour laboratory weekly.) A calculus-based course covering basic concepts of mechanics, heat, sound, light, electricity, magnetism and modern physics. 4 s.h.

PHYS 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PHYS 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PHYS 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PHYS 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PHYS 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PHYS 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PHYS 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PHYS 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PHYS 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PHYS 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PHYS 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PHYS 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Political Science

POSC 101. **American National Government.** A study of the development, organization, and operation of the United States government. 3 s.h.

POSC 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

POSC 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

POSC 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

POSC 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

POSC 200. **Current Issues in World Affairs.** This course provides an introduction to the study of global issues and United States foreign policy. (Previously offered as Political Science 290G.) 3 s.h.

POSC 201. **Women, Leadership and Public Policy.** (Co-requisite: enrollment in Washington Semester Program.) This course explores issues surrounding women, civic leadership, and the formation of public policy. Special emphasis will be placed on the political, social and economic factors that have shaped women's public leadership activities and on the evolving role of women in public life. (Previously offered as Political Science 290M.) 3 s.h.

POSC 202. **Women, Leadership, and Public Policy in South Carolina.** (Co-requisite: Enrollment in the South Carolina Semester.) This course explores issues surrounding women, civic leadership, and the formation of public policy in South Carolina. Special emphasis will be placed on the political, social and economic factors that have shaped women's public leadership activities and on the evolving role of women in public life. 3 s.h.

POSC 207. **Politics and Film.** This class explores how film depicts and possibly influences political life. Questions of rights, liberty, equality, legitimate authority, violence, and human dignity are all central to the course's content. (Previously offered as POSC 190K.) 3 s.h.

POSC 211. **Politics and Multiculturalism.** Multiculturalism tries to define the relationship between the cultural rights and identities of individuals and groups and a nation in which they live. That relationship is shaped by the law and policies of the governments involved. This course will focus on that relationship and all its implications. We will explore the origin and the rationale behind the diversity policies. Is there a "melting pot" or is it a myth? Are diverse groups becoming more separated,

more marginalized than ever before? We will hear from marginalized voices and will, hopefully, develop an awareness to the ever increasing complexity that defines and shapes multicultural policies worldwide. (Previously offered as Political Science 290R and 290GG.) 3 s.h.

POSC 219. Political Participation and Advocacy. Students will learn various ways individuals and groups seek to influence the policy making process before local, state, and national legislative bodies and regulatory agencies. Students learn to present persuasive policy arguments before such bodies and to influence public opinion by representing, ethically and effectively, a client's point of view to the broader public. 3 s.h.

POSC 220. State and Local Government. A study of the development, organization, and functions of state and local governments in the United States. 3 s.h.

POSC 225. International Relations. A study of the forces that determine political relations among nations. Emphasis is given to the philosophical theories of International Relations, such as Marxism, Liberalism, Socialism, Realism, and Neo-Realism among others, and to how theories and ideologies shape our relations with other nations. 3 s.h.

POSC 230. Public Administration. An introduction to the operations of government. The course will begin with an examination of the historical and theoretical perspectives of the study of administration and will then focus on leadership and organization in the public sector. Included will be the study of budgeting, personnel, legal, and oversight areas of administration. 3 s.h.

POSC 240. Political Philosophy and the Pursuit of Justice. This course is an introduction to political philosophy in general and theories of justice in particular. Special emphasis is given to the timeless questions involved in the pursuit of developing just societies. Not open to students with credit in Political Science 466 or 467.) 3 s.h.

POSC 250. Public Policy. Analysis of public policy formulation, implementation and evaluation. National and international case studies will be used in this course. 3 s.h.

POSC 260. African American History, Culture and Politics. The issues of race and justice in America will be studied through an analysis of historical, political and social factors. (Also listed as History 260.) 3 s.h.

POSC 265. Model United Nations. (Co requisite: enrollment in the Model UN Program.) An introduction to the history, structure, and functions of the United Nations. This course emphasizes preparing students to participate as delegates in a model United Nations simulation. (Previously offered as Political Science 290BB.) 3 s.h.

POSC 270. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

POSC 270G. Internship in Government. (Prerequisite: Minimum 2.5 cumulative GPA and Consent of Instructor.) On-the-job work experience in a government agency. Individual work under faculty supervision with evaluation based on performance and achievement. 1-4 s.h.

POSC 270L. Internship in Law. (Prerequisite: Minimum 2.5 cumulative GPA and Consent of Instructor.) On-the-job work experience in the legal profession. Individual work under faculty supervision with evaluation based on performance and achievement. (Also listed as History 270L.) 1-4 s.h.

POSC 270P. Internship in Politics. (Prerequisite: Minimum 2.5 cumulative GPA and Consent of Instructor.) On-the-job work experience with a political institution, party, or campaign. Individual work under faculty supervision with evaluation based on performance and achievement. 1-4 s.h.

POSC 290. Special Problems. A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

POSC 291. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

POSC 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

POSC 303. **Comparative Politics.** (Prerequisite: Satisfactory completion of the College Writing I requirement.) This course is an introduction to the comparative study of government and politics. The class will also include an assessment of the challenges facing the study of comparative politics as a result of globalization and the imputed decline of the boundedness of nation-states. Includes case studies of the political systems of selected nations. 3 s.h.

POSC 304. **Applied Organizational Leadership.** This course uses simulations, case studies and customized exercises to explore crisis communications, fund-raising and lobbying from an organizational leadership perspective. 3 s.h.

POSC 325. **American Foreign Policy.** (Prerequisite: Political Science 101.) An analysis of the formulation and conduct of U.S. foreign policy. 3 s.h.

POSC 335. **History and Politics of Africa.** A study of the history, culture and political systems of selected sub-Saharan Africa countries. 3 s.h. (Also listed as History 335.)

POSC 340. **The Legislative Process.** (Prerequisite: Political Science 101.) A study of the structure, organization, powers, functions, and problems of legislative bodies. 3 s.h.

POSC 345. **Politics of the Middle East.** A study of the political, social and historical forces that determine the politics of the region. (Previously offered as Political Science 290B.) 3 s.h.

POSC 350. **Women and Politics.** This course is designed to introduce the student to selected political issues and public policies affecting women in the United States and other Western societies. 3 s.h.

POSC 355. **The Judicial Process.** (Prerequisite: Political Science 101 or Consent of Instructor.) A study of the organization, development, and functioning of the American court system. (Previously offered as Political Science 290T.) 3 s.h.

POSC 360. **The Presidency.** (Prerequisite: Political Science 101.) A study of the evolution and development of the office of the Presidency, the roles and powers of the modern President, and the impact of personality upon the office. 3 s.h.

POSC 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

POSC 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

POSC 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

POSC 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

POSC 405. **Women of the Third World.** A survey of the status and role of women in developing regions of the world. Topics include: education, political participation, economic development, violence, health, religion and culture. (Also listed as History 405.) (Not open to students who have taken Political Science 390M.) 3 s.h.

POSC 420. **Constitutional Law.** (Prerequisite: Political Science 101.) Analysis of the opinions of the United States Supreme Court in the areas of separation of power, civil liberties and civil rights. 3 s.h.

POSC 441. **Current Events in Historical Perspective.** A study of the historical roots of contemporary political and cultural trends. (Also listed as History 441.) 3 s.h.

POSC 449. **Native American History and Politics.** A study of the impact of federal Indian policy on selected Native American nations. (Also listed as History 449.) 3 s.h.

POSC 450. **Scope and Methods of Politics.** (Prerequisite: Political Science 101.) The study of the methods used to analyze political phenomenon. 3 s.h.

POSC 459. **Latin America from Independence to the Present.** A study of Latin America from the struggles for independence to the present. (Also listed as History 459.) 3 s.h.

POSC 468. **Modern Political Theory.** (Prerequisite: Political Science 101.) A study of selected topics in 19th and 20th century political thought. 3 s.h.

POSC 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

POSC 470LS. **Civic Engagement Experience.** (Prerequisite: Consent of the Instructor.) This course provides students with an opportunity to apply the skills and knowledge gained through their studies to a work setting. During the semester students are required to reflect upon their experience and the personal challenges they face in practicing and redefining their own leadership skills. Mandatory Pass/Fail. 6 s.h.

POSC 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

POSC 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

POSC 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

POSC 493. **Senior Seminar.** This course is designed to be a culminating experience in which the student will demonstrate her familiarity with the theories and methods of political science through a major research paper. Cross-listed as History 493. 3 s.h.

Psychology

PSY 102. **Introduction to Psychology.** An introduction to the field of psychology and the psychological study of human behavior. Topics may include research methods in psychology, biological bases for behavior, perception, learning and cognition, motivation and emotion, personality, social bases of behavior, psychological disorder, and psychological treatment. 3 s.h.

PSY 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PSY 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PSY 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PSY 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PSY 201. **Professional Ethics.** An introduction to the value frameworks that guide professional practice in the behavioral sciences and helping professions. (Also listed as Social Work 201.) 3 s.h.

PSY 203. **Human Growth and Development.** A review of physical, social, emotional and intellectual growth and development as they occur throughout the lifespan (childhood, adolescence, and adulthood). (Also listed as Education 203.) 3 s.h.

PSY 208. **Children and a Violent Society.** This course explores the social and biological precursors for violence and examines the effects of these on individual and social behavior. (Also listed as Child and Family Studies 208.) 3 s.h.

PSY 210. **Psychology of Sexual Behavior** (Not open to students who have received credit for Psychology 290N.) An examination of social science theories and research pertaining to human sexuality. Topics may include research methods in sexual science, gender differences, sexual attitudes and behaviors, sexual functioning and treatment for dysfunction, sexual orientation, coercion and rape, and sexuality for profit. 3 s.h.

PSY 235. **Psychology and Sociology of Gender.** Sociological and psychological research and theories as related to gender are examined. Other topics may include gender role development, gender role stereotypes, gender differences in personality traits and mental health, relationship and work issues. (Also listed as Sociology/Social Work 235.) 3 s.h.

PSY 240. **Drugs, Behavior, and Society.** An introduction to the study of drug use, abuse, and addiction, focusing on the history of drug use, effects of drugs in the nervous system and on behavior, consequences of drug use in modern society, and strategies for prevention and treatment of drug abuse. (Not open to students with credit in Physical Education and Health Promotion 263, Psychology/Sociology 290Q.) (Also listed as Sociology 240.) 3.sh.

PSY 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PSY 270E. **Selected Human Services Experiences.** (Prerequisite: Consent of Instructor.) A selected experience in a human service agency under the supervision of the Program. (Also listed as Social Work 270E.) 1-4 s.h.

PSY 282. **Social Psychology.** Studies of major psychological ideas, concepts, and research that enable us to think more clearly about human relationships and human interactions. Topics may include obedience to authority, perception and judgment of others, ethnic conflict, relationships, etc. (Also listed as Sociology 282.) 3 s.h.

PSY 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PSY 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h..

PSY 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PSY 300. **Statistics for Behavioral Science.** (Prerequisite: Completion of general education mathematics requirement.) A survey of descriptive and inferential statistical techniques used to summarize and evaluate social and behavioral data. (Credit cannot be received for both Psychology 300 and Mathematics 140) 3 s.h.

PSY 342. **Psychological Disorders.** (Prerequisite: Psychology 102.) An examination of the clinically recognized forms of psychological disorder and mental illness, with an emphasis on diagnostic criteria and primary explanations and treatment for each disorder. 3 s.h.

PSY 349. **Research Methods in Behavioral Science.** (Prerequisite or Co-requisite: Mathematics 140 or Psychology 300.) An overview of the processes involved in designing and conducting research in the social and behavioral sciences and social work. (Also listed as Social Work 349.) 3 s.h.

PSY 350. **Learning, Cognition and Memory.** (Prerequisite: Psychology 102.) An overview of traditional learning paradigms in psychology with an emphasis on classical and operant conditioning and observational learning, and the application of learning principles to various types of memory and cognitive processes. 3 s.h.

PSY 360. **Group Process.** (Prerequisite: Psychology 102.) The purpose of this course is to prepare students to utilize effective group process and leadership skills. A variety of group techniques will be discussed and demonstrated. Students will have the opportunity to experience being members of a group and to practice leading a group. (Also listed as Social Work 360.) 3 s.h.

PSY 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PSY 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PSY 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PSY 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PSY 396. **Psychology of Personality.** (Prerequisite: Psychology 102.) The study of major theoretical explanations of personality and major influences on the development of personality. 3 s.h.

PSY 430. **Biological Psychology.** (Prerequisite: Psychology 102.) An overview of the role of the nervous system in the control of behavior. Topics covered include neuroanatomy, mechanisms of drug action, sensory systems, sleep and dreams, motivation and emotion, language, and recovery from nervous system damage. 3 s.h.

PSY 450. **Psychology Laboratory.** (Prerequisite: Psychology 300 or Mathematics 140.) Students participate in experiments in areas such as emotion, perception, and cognition and record and analyze psychophysiological data such as those used for electromyography and polygraphy. 3 s.h.

PSY 459. **Clinical and Counseling Psychology.** (Prerequisite: Psychology 342.) An examination of the primary theories and techniques in clinical and counseling psychology, including psychological assessment and intervention. In addition to learning content in these areas, the course includes some development and practice of foundational counseling skills. 3 s.h.

PSY 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PSY 474. **History and Systems of Psychology.** (Prerequisite: Psychology 102.) A survey of the origins and development of major psychological systems of thought, methods, and ideas. 3 s.h.

PSY 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PSY 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PSY 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PSY 494. **Research Seminar.** (Prerequisite: Psychology 349.) In this course, students will plan and carry out a significant empirical research project. 3 s.h.

Public Affairs

PA 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PA 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PA 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PA 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PA 201. **Research and Writing for Public Affairs.** (Prerequisite: English 101 or the equivalent and Political Science 101). Designed for majors in Public Affairs, students learn to find and analyze data from a variety of sources and to construct reports and policy recommendations and other forms of effective communication in a business, government, and non-profit context. Students will be to construct a professional portfolio. 3 s.h.

PA 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PA 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PA 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PA 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PA 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PA 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PA 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PA 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PA 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PA 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PA 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PA 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PA 493. **Senior Seminar.** This capstone course in Public Affairs will allow students to design and implement a program of research or professional exploration that best meets their persona, academic, and vocational goals. 3 s.h.

Public Health

PUBH 101. **First Aid/CPR/AED Certification.** Students will learn basic procedures and skills necessary for providing immediate and temporary care in a medical related emergency situation. Students will qualify to earn either the American Red Cross or the American Heart Association certification for Standard First Aid; Adult, Child and Infant Cardio-Pulmonary Resuscitation (CPR); and Automated External Defibrillation (AED). 1 s.h.

PUBH 111. **Introduction to Public Health.** This course offers an introduction to public health, history of public health and public health education, and a focus on population health/social determinants of personal and community health. There will be an overview of the health care delivery system, the necessary human resources, and other public health topics will be addressed through current readings, case studies, reflections, and guest practitioners. 3 s.h.

PUBH 112. **Global Patterns and Policies in Public Health.** This course will address the ethical issues of health policy and management in regard to a global perspective. Students will examine the economic, environmental, political, technological, institutional, and sociocultural dimensions which historically and currently contribute to both beneficial and adverse effects on populations, communities, and family/individual health. The course will address the ethical issues related to rationing of care; allocation and cost-efficiency for resources; ethical issues of corruption, kickbacks, and conflicts of interest; and the ethical aspects of research with human subjects in both developing and developed countries. 3 s.h.

PUBH 120 **Human Health and Epidemiology.** (Prerequisite: Mathematics 120 or Mathematics 140 or consent of instructor) (Three hours lecture and one three-hour laboratory weekly) A course that introduces the historical contributions and modern uses of epidemiology. The course will include the basic tools of epidemiologic analysis, including case definitions and populations, incidence, prevalence, and case-fatality rates. Students will consider the meaning, scope, and applications of epidemiology to public health practice and the use of vital statistics data in the scientific appraisal of community health. Cross-listed as Biology 120. 4 s.h.

PUBH 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PUBH 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PUBH 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PUBH 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PUBH 202. **Women's Health Seminar.** A course on key health issues that women will face throughout their lifetime. The course has three distinct segments including consumer health, reproductive health, and emotional health. The course will include a study of topics such as consumerism and health care delivery; stress management and emotional well-being; obesity and eating disorders; recognizing sexual abuse and harassment; and preventing the misuse or abuse of substances and prescription drugs. The course will incorporate the use of several different technologies including weekly internet assignments and a collaborative health project. (Previously offered as PUBH 100) 3 s.h.

PUBH 261. **Personal Health and Wellness.** The course will provide a thorough understanding of the behaviors and skills necessary for establishing and maintaining a healthy lifestyle. The areas of study will include nutrition, weight management, physical fitness, stress management, drugs in society, and health consumerism. In addition the course will provide an emphasis on ways to make positive lifestyle changes in order to prevent heart disease, diabetes, sexually transmitted infections, cancer, obesity, alcoholism, and addiction to nicotine and/or other drugs. 3 s.h.

PUBH 262. **Human Sexuality.** A course designed for the general college student regardless of major or area of specialization. Students will first explore human sexuality including female/male reproductive systems, birth control, and sexual maturation. The second part of the course will examine self sexual responsibilities such as intimacy, sexual attitude, and sexual behavior. 3 s.h.

PUBH 263. **Drug Education.** A course designed to give an overview of current issues and problems in the health area. Special emphasis is placed on a detailed study of drug types, their effects on the body, drugs and abuse and of laws regarding drug use. This course is especially designed for elementary and secondary education majors and is directed towards helping them explain the responsibilities of elementary and secondary schools in teaching health related issues. (Not open to students with credit in Psychology/Sociology 240.) 3 s.h.

PUBH 264. **Nutrition for Wellness.** This course is an introduction to the scientific principles of human nutrition and how sound nutrition practices are related to achieving optimal wellness. The following aspects of dietary nutrients will be covered: physical and chemical properties, physiological functions, dietary allowances, energy balance, food labeling, food additives, food-borne illnesses, deficiency diseases, and availability of nutrients from various food sources. A personal nutrition project is required. 3 s.h.

PUBH 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PUBH 270A. **Public Health in Action.** This course includes an introduction to health organizational leadership, management, and behavior change theory along with a cumulative 40-120 hour service learning experience. The student will participate in an extensive and reflective supervised service learning project in a hospital, community health clinic, state agency, or non-profit organization as a laboratory to learn about the coordination of health services, management, leadership, organizations, and public health issues. 1-3 s.h.

PUBH 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PUBH 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PUBH 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PUBH 301. **Exercise Science.** (Prerequisites: Chemistry 121, Biology 230) (Three hours lecture and one two-hour laboratory weekly.) The course will examine the role of the human cardiovascular, pulmonary, nervous, muscular, and endocrine systems that support exercise response and fitness training. The course will include a study of the physiological principles and theories as they have practical application to physical fitness and personal health. Included in the course are laboratory experiences in the areas of cardio-respiratory physiology, health-related fitness, personal nutrition, weight management, and chronic disease prevention. 4 s.h.

PUBH 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PUBH 370LS. **Leadership in Health Public Health.** A structured leadership experience which allows the student to identify, examine, and develop a plan of assistance which addresses a significant community health issue. The student will be asked to develop a plan of action, lead the implementation process for the plan, and evaluate the overall process and health outcomes related to the plan. (Mandatory pass/fail.) 1 s.h.

PUBH 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PUBH 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PUBH 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PUBH 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

PUBH 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

PUBH 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

PUBH 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Religion

REL 127. **World Religions and Ethics.** An introduction to selected western and eastern religious traditions that examine the beliefs, practices, rituals, and ethics of Hinduism, Buddhism, Judaism, Christianity, and Islam.. 3 s.h.

REL 128. **The Historical and Cultural World of the Bible.** An introduction to selections from the Hebrew Bible and New Testament examined in light of the cultural and historical contexts in which the texts were originally written. 3 s.h.

REL 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

REL 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

REL 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

REL 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

REL 199. **Servant Leadership.** Using biblical and theological models, this course examines models of leadership as service. Students will reflect on how such models of servant leadership are applicable to their chosen career path. 1 s.h.

REL 205. **Theology in Literature.** An exploration of central theological themes (e.g. human dignity, free will, evil, social justice issues, etc.) in literature through the analysis of literary and theological texts. Literary works may include such writers as C.S. Lewis, The Chronicles of Narnia, J.R.R. Tolkien's Lord of the Rings, and/or J.K. Rowling's Harry Potter. Students may take the course for credit more than once when the topic varies. 3 s.h.

REL 210. **Philosophy of Religion** (Prerequisite: Satisfactory completion of the College Writing I requirement.) An introductory level study of how philosophers have approached religious issues. Topics include arguments for and against the existence of God, the problem of evil, the character of religious experience, the relationship between revelation and reason, the nature of religious language, and the question of life after death. Through a study of the philosophy of religion, students gain an understanding of the nature and goals of philosophy. (Also listed as Philosophy 210.) 3 s.h.

REL 228. **History of the Christian Tradition.** This course surveys the key movements, people and institutions in the development of the Christian tradition from the apostolic period to the modern period. 3 s.h.

REL 231. **Religions in America.** A study of the history, beliefs and practices of selected religious traditions in the United States. (Previously offered as Religion 330.) 3 s.h.

REL 232. **Politics and Religion.** This course explores the religious and the political spheres of human culture. Focusing on the Western religious traditions, students will engage the emergence of Christianity from within the hostile Roman Empire to a religion co-opted by that empire and the states that succeed it. The American experience of church and state conflict and the ideal of a "wall of separation" between the spheres of religion and politics will be explored in a variety of contexts. (Also offered as History 232) 3 s.h.

REL 236 **Experiencing the Religions of the World through Travel.** An introduction to selected western and eastern religious traditions. Similar in content to Religion 127, this course includes not only traditional class work but also travel to places of religious significance and interest. Tuition does not include travel costs. Student is responsible for travel costs. 3 s.h.

REL 237 **The African American Religious Experience.** An historical introduction to the diverse religious traditions of African Americans. Topics include African religions, slavery and religion, the black church, the struggle for freedom and equality, Islam in the African American community, contemporary developments, and the spiritual journeys of African American women. 3 s.h.

REL 255. **Women and Religion.** This course explores the role of women in the religious experience. Subjects may include women in the Bible, women in world religions, selected women in religious leadership. Specific topics may vary by semester. 3 s.h.

REL 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

REL 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

REL 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

REL 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

REL 295. **Research Seminar.** (Prerequisite: Consent of Instructor.) This course introduces students to research and writing methods necessary to do scholarly work in religious studies. 3 s.h.

REL 315. **Theology in Film.** Using theatrical pieces, this course will explore important theological themes (e.g., evil, free will, providence, virtue, etc.) in light of philosophical and theological texts. Topics will vary by semester. 3 s.h.

REL 322 **Women in the Christian Tradition.** A survey of women in the Christian tradition from the ancient world to the modern era. Attention will be paid primarily to the writings of women and their roles of leadership. 3 s.h.

REL 340. **Eastern Religions.** A study of one or more Eastern religions (Hinduism, Buddhism, Chinese religions, Jainism, and others), with emphasis on reading and analyzing primary texts of the selected tradition(s). (Previously offered as Religion 191S.) 3 s.h.

REL 341. **Judaism, Christianity, and Islam.** This course explores the historical origins and development of Judaism, Christianity, and Islam and their contributions to Western civilization. 3 s.h.

REL 344. **Biblical Studies Seminar.** (Prerequisite: Religion 128.) This course explores selected biblical topics from the Hebrew Scriptures (Old Testament) and/or the New Testament. Topics may vary by semester. 3 s.h.

REL 354. **Compassion.** The course examines the topic of compassion from religious, philosophical, and cultural perspectives, focusing on major figures and historical events as they relate to compassion. (Previously offered as Philosophy/Religion 390G.) (Cross-listed with Philosophy 354.) 3 s.h.

REL 355. **Love.** The course examines the topic of love from religious, philosophical, and cultural perspectives, focusing on major figures and historical events as they relate to love. (Cross-listed with Philosophy 355.) 3 s.h.

REL 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

REL 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

REL 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

REL 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

REL 393. **Seminar in Religious Studies.** An examination of selected issues in religious studies. Topic varies by semester. Sample topics include the problem of evil and suffering, Ancient African Christianity, history of Jewish-Christian relations, Native American spirituality, sexual ethics, medical ethics, science and religion, religion and the Holocaust, religion and the arts, religion and literature, the quest for the historical Jesus, Pauline ethics, or women in the gospels. 3 s.h.

REL 396. **Seminar in Religious Studies.** An examination of selected issues in religious studies. Topic varies by semester. 3 s.h.

REL 399LS. **Religion Leadership Semester.** (Prerequisite: Junior or Senior status and permission of the instructor.) During the semester a student wishes to designate as a leadership semester, students will design a written, comprehensive proposal that will integrate coursework, service-learning, internship, research, and/or travel-study experience. Under the guidance of a leadership mentor within the Program, the student will complete a written evaluation reflecting on (1) the relationship between religious and ethical values in leadership; and (2) skills and knowledge needed for his/her own leadership. 1-3 s.h.

REL 440. **Terror in the Name of God.** This seminar explores how religion can be employed to promote violence and war in the name of God and how religion can also be used to promote peace and social justice. 3 s.h.

REL 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

REL 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

REL 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

REL 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

REL 493. **Seminar in Religious Studies.** An examination of selected issues in religious studies. Topic varies by semester. 3 s.h.

REL 496. **Seminar in Religious Studies.** An examination of selected issues in religious studies. Topic varies by semester. 3 s.h.

Social Work

SOWK 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SOWK 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SOWK 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SOWK 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SOWK 201. **Professional Ethics.** An introduction to the value frameworks that guide professional practice in the behavioral sciences and helping professions. (Also listed as Psychology 201.) 3 s.h.

SOWK 235. **Psychology and Sociology of Gender.** Given as Psychology 235. 3 s.h.

SOWK 255. **Introduction to Social Welfare.** An introduction to the social welfare institution, with an emphasis on understanding the historical development of social welfare, social welfare services, the philosophical base of social welfare, and the role of social work in service delivery. 3 s.h.

SOWK 268. **Ethnic and Minority Groups.** An examination of theory and research concerning majority-minority group relations and the social processes associated with ethnic differentiation. (Also listed as Sociology 268.) 3 s.h.

SOWK 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SOWK 270E. **Selected Human Services Experiences.** (Prerequisite: Consent of Instructor.) A selected experience in a human service agency under the supervision of the Program. (Also listed as Psychology 270E.) 1-4 s.h.

SOWK 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SOWK 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SOWK 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SOWK 301. **Human Development and the Social Environment I.** (Prerequisite: Psychology 102.) This course explores the processes of human development and change from birth through adolescence. The student will analyze this developmental period in terms of the human biological, social, psychological, and cultural systems that have an impact on individual development and change. (Also listed as Child and Family Studies 301.) 3 s.h.

SOWK 302. **Human Development and the Social Environment II.** (Prerequisite: Psychology 102.) This course explores the processes of human development and change from adulthood to senescence. The student will analyze this developmental period in terms of the human biological, social, psychological, and cultural systems that have an impact on individual development and change. (Also listed as Child and Family Studies 302.) 3 s.h.

SOWK 312. **Child Maltreatment and Family Preservation.** This course is designed to provide knowledge in the child welfare service area of child abuse and neglect and family preservation. Course content includes knowing and understanding the significant programs, the acceptable practice standards, the policies, and organization structures that shape this area of study. (Previously offered as SOWK 390T.) (Also listed as PSY 312.) 3 s.h.

SOWK 314. **Out of Home Care and Permanency Planning.** This course is designed to provide knowledge in the child welfare service areas of home care and permanency planning. Specific course content will focus on understanding and applying the concepts and practice of family preservation, permanency planning, and foster care and adoption services. Students will learn about programs, acceptable practice standards, policies, and federal and state legislation that shape the child welfare field. (Previously offered as SOWK 390U.) (Also listed as PSY 314.) 3 s.h.

SOWK 320. **Intervention with Children and Families (SL).** (Prerequisite: Child and Family Studies 221. Satisfactory completion of the Oral Communication requirement.) Theories for assessing behavior problems presented by children and families and procedures for designing, implementing and evaluating intervention strategies. Practical applications are made through the use of case studies, role-play, and demonstrations. (Also listed as Child and Family Studies 320.) 3 s.h.

SOWK 349. **Research Methods in Behavioral Science.** (Prerequisite or Co-requisite: Mathematics 140 or Psychology 300.) An overview of the processes involved in designing and conducting research in the social and behavioral sciences and social work. (Not open to students with credit in Sociology/Social Work 472.) (Also listed as Psychology 349.) 3 s.h.

SOWK 350. **Social Work Practice I.** (Prerequisite or Co-requisite: Psychology/Social Work 201.) Beginning with the goals of social work practice this course addresses the knowledge, skills and values needed for generalist social work practice. Emphasizing the ecological perspective, focusing on micro practice, components of the change process, and evaluation of practice, these course addresses the knowledge base and skills needed by the generalist social worker. 3 s.h.

SOWK 355. **Social Work Practice II.** (Prerequisite: Social Work 350.) Focusing on generalist practice with families and groups, students develop the interpersonal and problem solving skills necessary for utilizing a variety of practice models. Evaluation is addressed as a critical component of social work practice and models for evaluating practice are presented. 3 s.h.

SOWK 360. **Group Process.** (Prerequisite: Psychology 102.) The purpose of this course is to prepare students to utilize effective group process and leadership skills. A variety of group techniques will be discussed and demonstrated. Students will have the opportunity to experience being members of a group and to practice leading a group. (Also listed as Psychology 360.) 3 s.h.

SOWK 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SOWK 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SOWK 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SOWK 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SOWK 399LS. **Servant Leadership Project.** (Prerequisite: At least Junior standing and Consent of the Instructor.) Under the mentorship of a Program faculty member students participate in a group leadership project based on the servant leadership model. Students complete a substantive written evaluation reflecting (1) the relationship of servant leadership to their academic discipline and (2) the skills, knowledge, and values they exhibited as a leader. As a team, students enrolled in the project will develop and implement a plan to address a specific community need. The process of planning, implementing, and evaluating the project will enhance the pillars of leadership identified by the College: **Courage, Commitment, Confidence, and Competence.** 1-2 s.h.

SOWK 450. **Social Work Practice III.** (Prerequisite: Social Work 355.) Further development of professional knowledge and skills for generalist practice at the macro level. Social work with organizations and communities will be addressed including strategies for evaluating outcomes. 3 s.h.

SOWK 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SOWK 470A. **Internship in Child and Family Studies** (Prerequisite: Consent of the Instructor.) A supervised experience working in an agency serving children and families in the student's area of emphasis. 3 s.h.

SOWK 473. **Senior Research Project.** (Prerequisite: Psychology/Social Work 349.) Students will design empirical research related to their professional area of study and engage in scholarly writing using the American Psychological Association (APA) style. 2 s.h.

SOWK 480. **Social Welfare Policy and Services.** (Prerequisite: Social Work 255 or Consent of Instructor.) The study of social welfare policies and services designed to develop skills in policy analysis. Includes a framework for analyzing social policies and services and the impact of such variables on economic, political, and ideological pressures on human service delivery systems. 3 s.h.

SOWK 487. **Social Work Field Placement I.** (Prerequisite: Social Work 355.) Internship in an approved social welfare agency under the supervision of the Program. One hour weekly seminar to evaluate and discuss issues affecting social agency functioning and service delivery systems. Mandatory Pass/Fail. 4 s.h.

SOWK 488. **Social Work Field Placement II.** (Prerequisite: Social Work 487.) An advanced experience in social work practice in an approved social welfare agency under the supervision of the Program. One hour weekly seminar. Mandatory Pass/Fail. 6 s.h.

SOWK 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SOWK 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SOWK 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Sociology

SOC 151. **Introductory Sociology.** A general survey of sociological concepts aiming at a basic understanding of modern society and its complexities. Culture, society and personality are studied within the framework of social institutions. 3 s.h.

SOC 161. **Marriage.** The sociology of the man-woman relationship, including concerns for dating, courtship, mate selection, and marriage in a cross-cultural context with an emphasis on American society. 3 s.h.

SOC 163. **Social Problems.** A study of specific social problems within a sociological frame of reference. Emphasis is placed upon organizing concepts and analyzing current trends. 3 s.h.

SOC 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SOC 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SOC 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SOC 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SOC 226. **Juvenile Delinquency.** An examination of theory and research concerning juvenile delinquency with an emphasis on the United States society. 3 s.h.

SOC 235. **Psychology and Sociology of Gender.** Given as Psychology 235. 3 s.h.

- SOC 240. **Drugs, Behavior, and Society.** An introduction to the study of drug use, abuse, and addiction, focusing on the history of drug use, effects of drugs in the nervous system and on behavior, consequences of drug use in modern society, and strategies for prevention and treatment of drug abuse. (Not open to students with credit in Physical Education and Health Promotion 263, Psychology/Sociology 290Q.) (Also listed as Psychology 240.) 3 s.h.
- SOC 268. **Ethnic and Minority Groups.** An examination of theory and research concerning majority-minority group relations and the social processes associated with ethnic differentiation. (Also listed as Social Work 268.) 3 s.h.
- SOC 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.
- SOC 282. **Social Psychology.** Given as Psychology 282. 3 s.h.
- SOC 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.
- SOC 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.
- SOC 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.
- SOC 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.
- SOC 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.
- SOC 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.
- SOC 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.
- SOC 448. **Community Organization and Advocacy.** The foci of this course are community organization theories and models of advocacy used by “grass roots” leaders and organizational leaders to promote social justice and community change. 3 s.h.
- SOC 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.
- SOC 477. **Nonprofit Leadership in the Human Services.** The focus of this course is on the organizational structure of nonprofit human service agencies and the leadership styles needed by those who specialize in nonprofit administration. Topics include but are not limited to strategic planning, board development, fundraising and philanthropy, resource management, and organization effectiveness. 3 s.h.
- SOC 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SOC 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SOC 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Spanish

SPAN 121. **Elementary Spanish I.** (Prerequisite: Satisfactory completion of the Oral Communication requirement is also a prerequisite if the course is to fulfill the Communication Intensive requirement.) This course introduces the basic five C's of the language—communication, cultures, connections, comparisons, communities—through a functional approach. Emphasis is on developing communicative competence in simple conversations on familiar material in context. Study of Spanish-speaking countries, their cultural patterns and customs is included. This course fulfills either the Communication Intensive requirement or the general education Modern Language requirement but not both. 3 s.h.

SPAN 122. **Elementary Spanish II.** (Prerequisite: Spanish 121, Placement Test, or Consent of the Program Coordinator. Satisfactory completion of the Oral Communication requirement is also a prerequisite if the course is to fulfill the Communication Intensive requirement.) This course continues to develop skills introduced in 121 in communication, cultures, comparisons, communities and connections as students function in Spanish in contextualized situations presented in class. Emphasis is on a functional approach to oral communication. Further study of Spanish-speaking countries, their cultural patterns and customs is included. This course fulfills either the Communication Intensive requirement or the general education Modern Language requirement but not both. 3 s.h.

SPAN 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SPAN 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SPAN 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SPAN 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SPAN 221. **Intermediate Spanish I.** (Prerequisite: Spanish 122, placement test, or Consent of Program Coordinator. Satisfactory completion of the Oral Communication requirement is also a prerequisite if the course is to fulfill the Communication Intensive requirement.) This course continues to develop skills introduced in 121 and 122 in communication, cultures, comparisons, communities and connections as students function in Spanish in contextualized situations presented in class. Emphasis is on oral and written expression. Study of Spanish speaking countries, cultural patterns and customs is enhanced through analysis of written, visual and aural text. 3 s.h.

SPAN 222 **Intermediate Spanish II.** (Prerequisite: Spanish 221, placement test or Consent of Program Coordinator.) This course continues and completes the basic Spanish language sequence. Students continue to develop skills in communication, cultures, comparisons, communities and connections. Emphasis is on oral and written expression. Study of Spanish speaking countries, cultural patterns and customs is enhanced through analysis of written, visual and aural texts and their application to real world scenarios. 3 s.h.

SPAN 250. **Intermediate Reading and Writing.** (Prerequisite: Spanish 222 or consent of the instructor.) A course designed to develop reading and writing skills by expanding vocabulary and language structures in a cultural context. This course may not count toward the major. 3 s.h.

SPAN 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SPAN 290. **Special Programs.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SPAN 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h

SPAN 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SPAN 300. **Guided Practice in Grammar.** (Prerequisite: Spanish 222, advanced placement, or consent of the instructor.) This course provides the opportunity to master certain grammar structures through oral and written practice. Some areas that are particularly challenging include the preterit and imperfect tenses and the subjunctive mood. Students who need to take this course will be advised to do so before taking Spanish 340 Advanced Grammar and Composition. (This course may be taken for credit multiple times up to a maximum of 3 semester hours.) 1 s.h.

SPAN 305. **Hispanic Literature of the United States.** (Prerequisite: College Writing II.) This course will explore the roots, development, and trends in literature by Mexican-American, Cuban-American, Puerto Rican, and other US Hispanic writers. Knowledge of Spanish is not required. This course may not count in the Spanish major, but can count toward a Spanish minor. 3 s.h.

SPAN 310. **Introduction to Literary Analysis in Spanish.** (Prerequisite: Spanish 250, Advanced Placement, or Consent of the Program Coordinator.) This course gives an introduction to the vocabulary and techniques of literary criticism and to the nature of the main literary movements. This could include all types of texts and material, and could span the Middle Ages to the present. (A pre- or co requisite for all literature courses in Spanish except Spanish 305.) 3 s.h.

SPAN 312. **Spanish in the Community.** (Prerequisite: Spanish 222, advanced placement, or consent of the instructor.) This is a service-learning course in which students will gain a better understanding of Hispanic culture in the U.S., particularly in the field of education. Students will also improve their language skills by using Spanish both within and beyond the school setting and by interacting with bilingual students through the study of children's literature. Students will be tutoring ESL students on-site at a local elementary school as well as advocating for bilingualism and equal rights for all students in the U.S. (Previously offered as SPAN 390Q.) 3 s.h.

SPAN 316. **Spanish for Heritage Speakers.** (Prerequisite: Must be a Spanish native and/or heritage Spanish speaker; consent of instructor required.) This course will count toward a Spanish minor or major. Designed to specifically address Heritage Speaker's academic needs, this course will improve the skills that they already possess and expand their abilities in speaking, reading, writing, listening. Oral proficiency but little or no formal training in the language will not be an obstacle in this course. The main focus is written and oral development, but issues are also covered. Through exposure to Hispanic culture and cultural awareness activities, students will develop a critical understanding of the rich and grammatical review, in-class discussions, vocabulary activities, writing assignments, readings, and audiovisual materials. (Previously offered as SPAN 390S.) 3 s.h.

SPAN 340. **Advanced Grammar and Composition.** (Prerequisite: Spanish 250, Advanced Placement, or Consent of the Program Coordinator.) The study of advanced grammar and syntax and the development of writing proficiency. 3 s.h.

SPAN 341. **Conversation I.** (Prerequisite: Spanish 250, advanced placement, or consent of the instructor.) This course will continue to develop the communication skills of students by emphasizing vocabulary building, oral fluency and listening comprehension. The course content will be everyday life in Spanish-speaking countries. 3 s.h.

SPAN 342. **Conversation II.** (Prerequisite: Spanish 250, Advanced Placement, or Consent of the Program Coordinator.) This course will continue the development of oral communication skills by expansion of vocabulary and increasing fluency

and listening comprehension. The course content will be current events and topics of national and international concern. 3 s.h.

SPAN 351. Discovering Culture Through Film. (Prerequisite: Spanish 250, Advanced Placement, or Consent of the Program Coordinator.) This course uses films of Spain and Spanish America for the dual purpose of studying film as a cultural product and studying film as a vehicle for understanding culture. The films serve as a starting point in each case for an examination of the historical, social, or economic contexts of the film narrative. 3 s.h.

SPAN 365. Introduction to Methods of Teaching Foreign Languages. (Prerequisite: Spanish 250, Advanced Placement, or Consent of the Program Coordinator.) This course is an introduction to a standards-based approach to teaching modern languages. This course acquaints the student with second-language acquisition theory, methods of teaching, the diverse learner, and strategies for using technology and culturally authentic materials. Students practice long- and short-term planning and assessment of instruction while developing an awareness of current issues in the teaching profession. 3 s.h.

SPAN 370. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SPAN 375. The Short Story in Spain and Spanish America. (Prerequisite or Corequisite: Spanish 310, advanced placement, or consent of the instructor.) In this course students read a selection of short stories, predominantly from the modern period. Influential writers of the twentieth century who have shaped modern literature, such as Borges, Paz, Castellanos, Matute, and Garro, will be emphasized. 3 s.h.

SPAN 390. Special Problems. A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SPAN 391. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SPAN 392. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SPAN 399LS. The Leadership Semester for the Spanish Major. The options for the Leadership Semester (399LS) include the following:

1. The semester abroad. It will link Leadership with the usual curricular offerings of study in Spain.
2. A shorter study abroad (such as the summer school in Spain or the Border Experience).
3. An internship that enables the student to use the second language and interact with native speakers of that language.

In each case the program will provide questions for the student to address before, during, and after the Leadership Semester. The student will keep reflections in a journal to be discussed and evaluated with a major program faculty member. The questions and the student's reflections will deal with issues regarding her experiences of accepting risk (C1: "courage"), embracing values (C2: "commitment"), and seizing opportunities (C3: "confidence"). In these journals, she will reflect on communication and intercultural competence and make cultural comparisons. Furthermore, she will develop an awareness of her identity as a world citizen and her potential as a leader. 1 s.h.

SPAN 420. Archetypes in Spanish and Spanish-American Literature. (Prerequisite or Corequisite: Spanish 310, advanced placement, or consent of the instructor.) This course examines archetypes in the literatures of Spain and Spanish America and their role in defining Hispanic literatures and cultural identity. Figures such as the hero, the rogue, the lover, and the dreamer may be included. 3 s.h.

SPAN 451. Hispanic Women Writers. (Prerequisite: Spanish 250, Advanced Placement, or Consent of the Program Coordinator. Spanish 310 must be taken as a pre- or co-requisite.) A study of significant, selected women writers from the Hispanic world. 3 s.h.

SPAN 452. **Modern Spanish Prose and Poetry.** (Prerequisite or Corequisite: Spanish 310, advanced placement, or consent of the instructor.) A study of selected Spanish authors from the Generation of 98 to the present. 3 s.h.

SPAN 460. **Contemporary Spanish American Authors.** (Prerequisite: Spanish 250, Advanced Placement or Consent of the Program Coordinator. Spanish 310 must be taken as a pre- or co-requisite.) The study of contemporary authors of Spanish America with emphasis on the new narrative. 3 s.h.

SPAN 465. **From the Page to the Stage: Performing Hispanic Theatre.** (Prerequisite or Corequisite: Spanish 310, advanced placement, or consent of the instructor.) This class will focus on improving students' knowledge of colloquial Spanish as well as pronunciation by transforming a written dramatic text into a live performance. We will explore the dual nature of drama, as both text and performance, and study how theatre communicates cultural values and social-political issues. Class discussions will stress the role of the reader/spectator as well as the importance of non-verbal forms of discourse, such as stage directions, stagecraft, lighting and physical movements in producing the play's meaning. As a class, we will work on selected one-act Hispanic plays for performance and dedicate much of the course to rehearsals for the public staging in which all students participate. This course can be taken to fulfill the Spanish major requirements either as a literature credit or a cultural credit. (Previously offered as SPAN 390R.) 3 s.h.

SPAN 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SPAN 481. **Introduction to Translation.** (Prerequisite: Spanish 250, Advanced Placement, or Consent of the Program Coordinator.) A course designed to provide basic translation skills, Spanish/English as it applies to a variety of fields. (Previously offered as Spanish 390A. Not open to students who have had Spanish 390A.) 3 s.h.

SPAN 485. **Spanish for the Professions and International Affairs.** (Prerequisite: Spanish 250 or advanced placement, or consent of the instructor.) The aim of this course is to increase knowledge of issues, customs, and vocabulary necessary to meet the demands of working in an international Spanish-speaking environment, in the areas of diplomacy, government and business. Continued development of reading, writing, listening, and speaking skills is central as students begin to function within defined professional workplaces. The instructor will attempt to match course content to student needs and interests, with each individual focusing in-depth on studying her future profession or area of interest in a Spanish-speaking context. 3 s.h.

SPAN 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SPAN 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h

SPAN 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h

SPAN 495. **Senior Seminar.** (Prerequisite: Spanish 310, advanced placement, or consent of the instructor.) This course provides a common senior experience for all Spanish majors. Students will complete their written portfolios with documents demonstrating their achievements in the language as well as reflections on their learning during their time at Columbia College. They will also prepare the culminating activity: an oral presentation of the portfolio to the Program. This class should be taken prior to the semester in which the student is graduating. 3 s.h.

Special Education

SPED 165. **Intervening with At-Risk Learners I.** This course will focus on introducing students to Response to Intervention for at risk students. Current legislation and practices within school settings will be researched as students identify and describe the roles of interventionist in the learning environment. 1s.h.

SPED 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SPED 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SPED 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SPED 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SPED 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SPED 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SPED 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SPED 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SPED 320. **Learning Disabilities: Characteristics.** This course will offer teacher candidates the opportunity to study the exceptional learning needs, to include cognitive, physical, linguistic, social and emotional characteristics, of individuals who have been identified as having specific learning disabilities, within the context of current theory and knowledge. 3 s.h.

SPED 321. **Learning Disabilities: Instructional Procedures.** (pre- or co-requisite: Special Education 320.) In this course, teacher candidates will learn to identify and use instructional strategies, curricula and resources that are appropriate and effective in meeting the individual learning needs of persons with specific learning disabilities. Teacher candidates will develop competencies in planning and managing the teaching/learning environment of resource and self contained classrooms. 3 s.h.

SPED 329. **Behavior Supports and Learning Disabilities.** (Prerequisite or Co-requisite: Education 329.) An in-depth study of issues related to the behavior of students with disabilities will be completed through a 1 s.h. module. This module will focus on positive behavior supports and behavior change strategies. Teacher candidates seeking a credential in multi-categorical disabilities must take EDU 329 as a co requisite or prerequisite for SPED 329. 1 s.h.

SPED 332. **Exceptional Learners.** Teacher candidates will construct an understanding of the concept of exceptionality and study educational theories and practices for promoting learning with diverse groups of children and youth. The roles and responsibilities of a variety of school professionals who work with students with exceptionalities will be discussed and practiced in simulations. Resources that are available to support the special needs of students and families will be researched. 3 s.h.

SPED 335. **Children and Youth with Mild Disabilities.** (Prerequisite: Pass Praxis I and Special Education 332) In this course, teacher candidates will focus on the education, cognitive, physical, linguistic, social and emotional characteristics of persons with mild to moderate learning, intellectual and emotional disabilities. Teacher candidates will demonstrate knowledge and skills related to referring, evaluating, making eligibility decisions, and creating individualized education programs based on specific learning needs. 3 s.h.

SPED 361. **Apprenticeship for Teaching (Field Experience II).** (Prerequisites: Pass Praxis I and Education 160 and Education 260.) In this field experience, special education teacher candidates will be placed in two classroom settings across two levels (elementary, middle, or secondary) for students with mild to moderate learning, intellectual and emotional disabilities. Teacher candidates will gradually assume more active teacher roles and responsibilities from tutoring, to working with small groups, to whole class instruction and management. Instructional activities will be planned, implemented and assessed based on individual learning needs of the classroom (IEP and assessment data) and the state ADEPT guidelines. Positive behavior supports and transition strategies will be researched and implemented. 3 s.h.

SPED 363. **Assessment in Special Education.** (Prerequisite: Pass Praxis I) Teacher candidates will develop the knowledge and understanding of assessment, diagnosis and evaluation procedures that are essential for teachers in the field of special education. Skills will be developed in the use of formal and informal assessment information in making eligibility, program, and placement decisions for individuals with exceptionalities, including those from culturally and/or linguistically diverse backgrounds. 3 s.h.

SPED 365. **Intervening with At-Risk Learners II.** This course will serve as the site based shadowing experience in intervening with at risk learners. Students will be provided the opportunity to observe and reflect on site based interventions for at risk learners. In addition, students will apply the knowledge and methods gained through their observations as they plan and provide intervention to at risk learners. 3s.h.

SPED 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SPED 371. **Research.** An introduction to research methods and techniques. 1 s.h.

SPED 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SPED 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SPED 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SPED 450. **Special Education Instructional Strategies.** (Prerequisite: Pass Praxis I; Pre- or Co-requisite: Special Education 335.) In this course, teacher candidates will learn to identify and use instructional strategies, curricula and resources that are appropriate and effective in meeting the individual learning needs of persons with mild to moderate learning, intellectual and emotional disabilities. Teacher candidates will develop competencies in planning and managing the teaching/learning environment of resource and self-contained classrooms. 3 s.h.

SPED 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SPED 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SPED 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SPED 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

Speech Language Pathology

SLP 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SLP 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SLP 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SLP 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SLP 257. **Phonetics.** A study of the International Phonetic Alphabet as applied to the English language with an analysis of the production of sound both in isolation and connected speech. 3 s.h.

SLP 258. **Survey of Speech Language Pathology.** A survey of communication disorders. Normal development, major etiologies, evaluation procedures, and basic therapy techniques are considered. Observations in public schools and other local treatment sites are required. 3 s.h.

SLP 259. **The Anatomy and Physiology of the Speech and Hearing Mechanism.** (Prerequisite: Speech Language Pathology 258 or Consent of Instructor.) A study of the anatomy of the speech and hearing mechanism with emphasis on the structure and function of the various components involved in speech and hearing. 3 s.h.

SLP 260. **Clinical Procedures in Speech-Language Pathology.** (Prerequisites Speech Language Pathology 257 and 258.) This course introduces the Speech-Language-Pathology major to the clinical and supervisory process. Goal setting, lesson planning, methods of observing, describing and recording behavior, formal and informal assessment, professional dispositions and related topics are also discussed. Students develop clinical writing skills appropriate to various speech-language pathology settings. This course is an introduction to the clinical practicum experience and requires observation of a wide variety of clinical cases 3 s.h.

SLP 261LS. **Speech Language Pathology Field Experience.** (Prerequisites: Speech Language Pathology 258 and either Speech Language Pathology 387 or 380 and a 3.0 in the major courses.) A field experience in the treatment of speech and language disorders conducted under faculty supervision. Approximately 96 hours of clinical work will be required. 4 s.h.

SLP 262. **Speech Language Pathology Field Experience.** (Prerequisite(s): Speech Language Pathology 258 and Speech Language Pathology 387 or 380 and a 3.0 in the major courses.) A field experience in the treatment of speech and language disorders conducted under faculty supervision. Approximately 48 hours of clinical work will be required. 2 s.h.

SLP 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SLP 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SLP 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

SLP 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h

SLP 310. **Speech Language Pathology Clinical Technology.** (Prerequisite: Speech Language Pathology 258; Corequisite: Speech Language Pathology 260) Therapist candidates will learn effective use of clinical technology for assessment, treatment, and productivity. The use of assistive technology and the identification of technology resources will also be addressed in the course. 1 s.h.

SLP 318. **Audiology.** (Prerequisites: Speech Language Pathology 258 and 259 or Consent of Instructor.) This course focuses on the fundamental aspects of hearing including a study of the physics of sound, the anatomy of physiology of the hearing mechanism, and the etiology of hearing loss and other auditory processing difficulties. Observations in public schools and other local treatment sites will be required. 3 s.h.

SLP 325. **Aural (Re)habilitation.** (Prerequisite: Speech Language Pathology 258 and Speech Language Pathology 318 or Consent of Instructor.) This course will address clinical management of children and adults with hearing impairment and other auditory processing deficits. Observations in public schools and other local treatment sites will be required. 2 s.h.

SLP 365. **Field Experience.** (Prerequisites: Speech Language Pathology 258 and Speech Language Pathology 260 and 310 and a 3.0 GPA in major courses or Consent of Instructor.) Individuals work under therapist supervision with a variety of speech and language disorders. Approximately 30 hours of on-site work for each hour of credit will be required in the course. Placement is made primarily within Richland Districts I, II; Lexington Districts I, II, V; Kershaw District and Fort Jackson Schools. Candidates in Speech Language Pathology may be placed outside the designated area within the state of South Carolina. May be taken multiple times for credit. 1-3 s.h.

SLP 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SLP 375. **Speech Disorders.** (Prerequisites: Speech Language Pathology 258, Speech Language Pathology 259, or Consent of Instructor, satisfactory completion of the Oral Communication requirement.) This course will address the etiology, diagnosis, and clinical management of a variety of speech disorders including phonology, stuttering, dysarthria, apraxia, and voice disorders. Observations in local sites may be required. 3 s.h

SLP 376. **Clinical Methods in Diagnostic Procedures.** (Prerequisites: Speech Language Pathology 258.) Procedures for gathering case history information, specific formal and informal testing procedures, test construction, and interpretation are discussed. Observations and activities in public schools and other local treatment sites will be required. 3 s.h.

SLP 380. **Language Acquisition and Development.** (Prerequisite: Speech Language Pathology 258 or Consent of Instructor. Not open to teacher candidates who have taken Education 480 or Special Education 480.) This course focuses on the acquisition and development of the components of language, phonology, morphology, syntax, semantics, and pragmatics. Language comprehension, cognitive language skills, and the nature of delayed and disordered language will be addressed. Observations in public schools and other local treatment sites will be required. (Previously offered as Speech Language Pathology 480.) 3 s.h.

SLP 384. **Language Disorders.** (Prerequisites: Speech Language Pathology 258 and Speech Language Pathology 259 or Consent of Instructor.) Etiology, diagnosis and clinical management of language disorders across the lifespan will be discussed. Emphasis is placed on populations with language disorders across the lifespan. Observations in local sites may be required. 3 s.h.

SLP 386LS. **Professional Development and Leadership.** In this course SLP majors will reflect on the skills necessary for speech language personnel to meet the needs of a diverse client population. Resume writing, interview skills, graduate school preparation will all be addressed. The candidates, as collaborative professionals, will address professional development, professional organizations and credentials, as well as ethics and demands of various settings. 2 s.h.

SLP 387. **Phonology/Articulation Disorders.** (Prerequisite: Speech Language Pathology 257 or Consent of Instructor.) Nature, etiology, diagnosis and clinical management of phonology/articulatory deficits. Observations in public schools and other local treatment sites may be required. 3 s.h.

SLP 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SLP 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h

SLP 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h

SLP 460. **Advanced Field Experience II.** (Prerequisite(s): Speech Language Pathology 258 and Speech Language Pathology 387 or Speech Language Pathology 380 (previously offered as Speech Language Pathology 480) and a 3.0 GPA in major courses or Consent of Instructor.) Individual work under faculty supervision with a variety of speech and language disorders. Approximately 48 hours of clinical work will be required in the course. Placement is made only within Richland Districts I, II; Lexington Districts I, II, V; Kershaw District and Fort Jackson Schools. Based upon demonstrated shortages of qualified cooperating therapists or programs in these districts, students in Speech Language Pathology may be placed outside this designated area within the state of South Carolina. 2 s.h. (Previously offered as 470C.)

SLP 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

SLP 477. **Clinical Methods in Treatment Procedures.** (Prerequisite 258.) Methods and procedural considerations in various programs, schools, hospitals, and community clinics as well as certification and licensure, professional responsibilities and current trends in the profession are discussed. Observations and activities in public schools and other local treatment sites will be required. 3 s.h.

SLP 482. **Literacy and Language.** (Prerequisite: Speech Language Pathology 258 and Speech Language Pathology 380 or Consent of Instructor.) The course will study language development and the role and responsibilities of school based speech language pathologists in literacy. Attention will be given to the use of assessment techniques, remediation strategies, and inclusive practices. The course will integrate South Carolina Curriculum Standards. Observations in public schools and other local treatment sites will be required. 3 s.h.

SLP 485LS. **Internship in School-Based Speech Language Pathology (Directed Teaching).** (Prerequisite: All courses in Professional Education and Specialization and satisfactory completion of professional education portfolio.) Speech language therapist candidates will work under the direction of an experienced Speech Language Pathologist and assume increasing responsibilities up to full responsibility for a caseload. Placements will be made only with Richland I and II, Lexington I, II, and V, and Fort Jackson Schools. (Cannot be audited and not open to students with credit for Education 485.) 12 s.h.

SLP 490. **Special Problems.** (Prerequisite: Speech Language Pathology 258 or Consent of Instructor.) A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

SLP 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h

SLP 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h

Theatre

THEA 105. **Introduction to Theatre.** Understanding and appreciation of theatre through an exploration of the creative process of the audience, playwright, performer, director, designer, and critic. Attendance at several plays is required. (Previously offered as Speech 130.) 3 s.h.

THEA 107. **Introduction to Acting.** Understanding and appreciation of the art of acting through an introduction to basic acting skills, including script analysis, character development, and techniques of voice and movement. No previous acting experience is required. (Previously offered as Speech 124.) 3 s.h.

THEA 170. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

THEA 190. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

THEA 191. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

THEA 192. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

THEA 205. **Introduction to Technical Theatre.** Basic techniques of lighting and sound for the stage, including an introduction to terminology and equipment. Students will gain practical experience by crewing a production. (Not open to students with credit in Speech 257 or Speech 355.) (Previously offered as Speech 260.) 3 s.h.

THEA 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

THEA 270D. **Scenery.** (Prerequisite: Consent of Instructor.) Supervised participation in the area of scenery for a theatre production. No formal classes. (Previously offered as Speech 270D.) 1 s.h.

THEA 270E. **Lighting.** (Prerequisite: Consent of Instructor.) Supervised participation in the area of lighting for a theatre production. No formal classes. (Previously offered as Speech 270E.) 1 s.h.

THEA 270F. **Sound.** (Prerequisite: Consent of Instructor.) Supervised participation in the area of sound for a theatre production. No formal classes. (Previously offered as Speech 270F.) 1 s.h.

THEA 270G. **Props.** (Prerequisite: Consent of Instructor.) Supervised participation in the area of props for a theatre production. No formal classes. (Previously offered as Speech 270G.) 1 s.h.

THEA 270J. **Stage Manager.** (Prerequisite: Consent of Instructor.) Supervised participation as the stage manager for a theatre production. No formal classes. (Previously offered as Speech 270J.) 1 s.h.

THEA 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

THEA 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

THEA 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

THEA 295. **Scene Study I.** (Prerequisite: Theatre 107.) Preparation and performance of scenes and monologues. (Previously offered as Speech 201.) 1-3 s.h.

THEA 296. **Scene Study II.** (Prerequisite: Theatre 107.) Preparation and performance of scenes and monologues. (Previously offered as Speech 202.) 1-3 s.h.

THEA 305. **History of Theatre.** A survey of major periods of theatre from its beginnings to the present day. (Previously offered as Speech 348.) 3 s.h.

THEA 370. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

THEA 390. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

THEA 391. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

THEA 392. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

THEA 395. **Scene Study III.** (Prerequisite: Theatre 107.) Preparation and performance of scenes and monologues. (Previously offered as Speech 301.) 1-3 s.h.

THEA 396. **Scene Study IV.** (Prerequisite: Theatre 107.) Preparation and performance of scenes and monologues. (Previously offered as Speech 302.) 1-3 s.h.

THEA 470. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

THEA 490. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

THEA 491. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

THEA 492. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

THEA 495. **Scene Study V.** (Prerequisite: Theatre 107.) Preparation and performance of scenes and monologues. (Previously offered as Speech 401.) 1-3 s.h.

THEA 496. **Scene Study VI.** (Prerequisite: Theatre 107.) Preparation and performance of scenes and monologues. (Previously offered as Speech 402.) 1-3 s.h.

Writing

WRIT 100. Basics of Journalistic Writing. Students will learn the fundamentals of writing for print and digital media in this fast-track course. The half-semester course is designed to equip students who have had limited exposure to journalistic writing with the skills to perform well in WPDM classes. It is also appropriate for the student who has previously studied journalistic writing but needs a refresher course. Instruction will include interviewing, inverted pyramid style, lead writing, paragraph development, editing, and AP Style. This course may be taken a maximum of two times for credit. 1 s.h.

WRIT 150. Blogging. This course introduces students to writing short, timely commentary for a general online audience. Students learn the skills of online research, interviewing, reporting, and writing short, clear, fact-based opinion pieces. They also learn how to build a basic blog and generate an audience for their online writing. 3 s.h.

WRIT 170. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

WRIT 190. Special Problems. A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

WRIT 191. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h

WRIT 192. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h

WRIT 200. Introduction to Reporting for Print and Digital Media. (Prerequisite: College Writing 2) This course offers students an introduction to reporting, writing, and copyediting for media. Students will learn the basics of reporting and writing a “hard news” story, learning what constitutes “news.” Students will learn how to separate opinion from fact and write objectively; how to collect facts accurately (5 W’s and an H) and quotations from appropriate sources; how to arrange information in a logical and pleasing order, recognizing what is most important; how to think and write well enough to craft a “lede”, a “nut graff” and a “kicker.” These basic skills are in demand for relaying information, whether for print, online, public relations, or broadcast outlets. 3 s.h.

WRIT 210. Advanced Composition. (Prerequisite: College Writing 2) This course is designed to help students produce expository and academic texts that are polished and effective. Emphasis will be placed on fostering a greater cognizance of language and the writing process while enhancing the student’s ability to think logically and develop ideas with substance and clarity. 3 s.h.

WRIT 220. Campus Media Production. This one-hour course provides students the opportunity to write or edit for print or online texts and/or to produce or edit social media or video for campus media outlets such as the art and literature magazine, the yearbook or other Columbia College publications. Students wishing to work for the campus newspaper must take Writing 222 or 322. May be taken six times for credit. 1 s.h.

WRIT 222. Introductory Campus News Production. (Prerequisite: Writing 200; or corequisite: Writing 100) Students will produce the campus newspaper, learning reporting, editing, photography, illustration, design, layout, video, technology, and/or media management skills. May be taken multiple times for credit up to a maximum of 8 semester hours. 1-3 s.h.

WRIT 260. Introduction to Public Relations. (Prerequisite: College Writing 1) Students will learn the basics of effective public relations from a theoretical and hands-on approach. Through project-oriented instruction, students will learn the history, evolution, and ethics of the profession as well as the role and duties of the public relations practitioner: planning and executing effective communication strategies, developing and distributing well-crafted messages, developing and executing strategic plans, managing damage control, and developing collateral material and events to foster a positive image among a variety of constituents, including the public, employees, shareholders, and media. 3 s.h

WRIT 270. **Internship.** Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

WRIT 290. **Special Problems.** A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

WRIT 291. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

WRIT 292. **Independent Study.** Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

WRIT 305. **Writing for Business and Public Affairs.** (Prerequisite: College Writing 2) A survey of business and governmental writing, including techniques of correspondence, informal and formal reports, case studies, interoffice communications. Students are required to complete a research project. 3 s.h.

WRIT 322. **Intermediate Campus News Production.** (Prerequisite: Writing 222) Students will produce the campus newspaper, building on reporting, editing, photography, illustration, design, layout, video, technology, and/or media management skills learned in Writing 222. May be taken three times for credit. 3 s.h.

WRIT 323. **Editing the Campus News Publication.** (Prerequisite: Permission of instructor) May be repeated during each semester for which a student serves as an editor of the online campus news publication. 0-1 s.h.

WRIT 325. **Feature Writing for Print and Digital Media.** (Prerequisite: Writing 200.) Building upon experience in basic reporting, students will learn more about interviewing, doing research, and organizing information to write longer, descriptive in-depth stories suitable for print or online publication. Students will learn about the use of narrative in nonfiction. Students also will learn the art of profile writing. 3 s.h.

WRIT 330. **Writing for Digital Media.** (Prerequisite: College Writing 2) Students will look at form as well as content on the Internet, focusing on content development for the Web. Students will build on research, reporting, editing, and writing skills while developing awareness of the Web as a medium. Particular aspects of Web writing and presentation – for example, keywords, links, graphics, video, as well as blogs, wikis, and other social media – will be emphasized. 3 s.h.

WRIT 340. **Methods of Teaching Writing.** (Prerequisite: College Writing 2) Designed for students seeking certification in English Language Arts or for English majors desiring to teach writing on the college level. Students will study basic composition theory, learn how to facilitate the linguistic and communicative competencies of adolescents from diverse backgrounds and with diverse abilities, and develop a personal writing style by producing several essays. The course will also focus on the assessment of writing processes and best practices in monitoring the progress of developing writers. Students will explore a range of pedagogical approaches to developing writing while compiling extensive “tool chests” of resources to aid in this work. 3 s.h.

WRIT 346. **Introduction to Writing Short Fiction.** (Prerequisite: College Writing 2) Students will read and write short stories, learning the elements of fiction and a variety of narrative styles. 3 s.h.

WRIT 347. **Introduction to Writing Poetry.** Students will read poetry and write poems, learning the elements of poetry and a variety of poetic forms and techniques. 3 s.h.

WRIT 348. **Introduction to Writing Creative Nonfiction.** (Prerequisite: College Writing 2) Students will read and write various forms of creative nonfiction, such as personal essays, travel writing, narrative history, documentary, autobiography and/or memoir. 3 s.h.

WRIT 350. **Introduction to Narrative with Digital Video.** (Prerequisite: College Writing 2) Students will build on their understanding of research, reporting, interviewing, writing, and editing while being introduced to single-camera video production. Students will use basic digital video equipment, learning basic lighting and audio production and basic editing to

create short documentaries and other narratives. (Students may not receive credit for both Communication 280 and Writing 350.) 3 s.h.

WRIT 355. Media Ethics and Law. (Prerequisite: Writing 200.) Students will be introduced to legal principles and issues that directly shape print and digital communication. Topics addressed will include the following: free speech, defamation, copyright, trademarks, and new media issues related to content and access. The course will also address ethical standards for professionals in media-related occupations. 3 s.h.

WRIT 360. Writing for Public Relations. (Prerequisites: College Writing 2, Writing 260) Students will learn the basics of writing in the field of public relations: information gathering and analysis; writing news releases; preparing background information and media kits; writing speeches; developing collateral materials; and writing for video and broadcast. 3 s.h.

WRIT 365. Substantive Text Editing. (Prerequisite: English 275 and Writing 200.) Substantive text editing is a specialized skill, requiring not only a strong command of standard American English grammar, mechanics and usage but also the ability to identify and correct inconsistencies and problems with logic, coherence, and development in a written document. The objective of this course is to provide students with a basic level of proficiency in these editing skills. 3 s.h.

WRIT 370. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

WRIT 370J. Internship in Journalism. (Prerequisite: Junior/Senior Writing for Print and Digital Media major, Writing 200, and either Writing 325, Writing 330, or Writing 347.) This internship is designed to provide the student with on-the-job experience in research, editing, writing, and/or video for print, online, or broadcast media. 1-3 s.h.

WRIT 370P. Internship in Public Relations Writing. (Prerequisite: Junior/Senior Writing for Print and Digital Media or English Literary Studies major, Writing 200 and Writing 360.) This internship is designed to provide the student with on-the-job experience in research, editing, writing, and video for public relations. 1-3 s.h.

WRIT 390. Special Problems. A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

WRIT 391. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

WRIT 392. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

WRIT 399LS. Leadership Semester in Writing. (Prerequisites: acceptance into the English major and consent of the instructor.) Students will demonstrate leadership related to the English major. They may fulfill the requirements of the Leadership Semester in a variety of ways, including the following: holding an elected or appointed position; contributing to print, online, or broadcast media; tutoring; creating a service project; filming and presenting a short documentary; planning and presenting a scholarly presentation at a conference; or gaining work experience in writing, editing, or video. Students may propose other options for demonstrating leadership in the discipline as well. Students will present a written plan connecting the Leadership Semester to the major, submit a written reflection on the Semester, and in an approved public forum share their experiences. 0-3 s.h.

WRIT 405. Intermediate Reporting and Writing for Print and Digital Media. (Prerequisite: Writing 200) Students will further develop skills in reporting, writing, and editing, using the following forms: investigative reporting, social issues reporting, in-depth profiles, editorials, reviews, and/or video. (Not open to students with credit for Writing 391E or 491J.) 3 s.h.

WRIT 415. Intermediate Public Relations Writing. (Prerequisite: Writing 200 and Writing 360.) This course will allow students to continue their study and practice of research, planning, editing, writing, and video for public relations. 3 s.h.

WRIT 425. Intermediate-Level Narrative with Digital Video. (Prerequisite: Writing 350.) Students will continue to explore research, reporting, interviewing, writing, and editing through the medium of digital video. In their intermediate-level narratives, students will create and edit mini-documentaries and expand their understanding of light, sound, and image, as well as documentary reporting and narrative. 3 s.h.

WRIT 470. Internship. Individual work under faculty supervision with evaluation based on appropriate evidence of achievement. Approval of an internship request by the instructor and the appropriate program coordinator or division head is required to be able to register for the course. Mandatory Pass/Fail. 1-4 s.h.

WRIT 470J. Internship in Intermediate Journalism. (Prerequisite: Junior/Senior Writing for Print and Digital Media major, Writing 200, and either Writing 305, 325, 330, 335, or 405.) This internship is designed to provide students with intermediate level on-the-job experience in reporting, editing, writing, and/or video for print, online, or broadcast media. 1-3 s.h.

WRIT 470P. Internship in Intermediate Public Relations Writing. (Prerequisite: Junior/Senior Writing for Print and Digital Media major, English 205, Writing 200, 360, and 415.) This internship is designed to provide the student with an opportunity for intermediate on-the-job experience in research, planning, editing, writing, and/or video for public relations. 1-3 s.h.

WRIT 490. Special Problems. A course not currently listed by the Division and offered on an experimental basis. Prerequisites or special permission may be required as needed for admission to the course. 1-4 s.h.

WRIT 491. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

WRIT 492. Independent Study. Research, reading, and/or independent work. Evaluation based on demonstrated evidence of achievement. Approval of an independent study request by the instructor, the appropriate division head, and the Provost is required to be able to register for the course. 1-6 s.h.

WRIT 495. Senior Seminar. (Prerequisite: Writing 200) The Senior Seminar is an integrative capstone experience for the Writing for Print and Digital Media major. The course engages students in complex and diverse readings and media projects, as well as reflective activities that promote a comprehensive understanding of writing and media. 3 s.h.