

oped. Emphasis is on applications of statistical and mathematical tools for economic analysis and on preparation for writing the senior thesis.

ECON 255 ENVIRONMENTAL ECONOMICS (3) An examination of environmental issues from an economic perspective, this course helps students understand environmental problems by applying a rational choice framework to resource allocation decisions in the presence of externalities. Significant attention is paid to the discrepancy between market allocations that are economically efficient and regulated allocations that are socially optimal. Topics covered include the Tragedy of the Commons, production and consumption externalities, pollution abatement strategies (including regulation, corrective taxation, pollution credits, and property rights delineation), as well as the political and economic foundations of optimal environmental policy.

ECON 300 INTERMEDIATE MACROECONOMIC THEORY (3)
Prerequisites: ECON 201-202. Co-requisite ECON 250. This course examines theories of national income determination, focusing attention on the factors and processes that govern the growth rate of income, employment, output, and prices. Fiscal and monetary policies, as well as supply-side strategies, to facilitate full employment and economic growth are studied.

ECON 301 INTERMEDIATE MICROECONOMIC THEORY (3)
Prerequisites: ECON 201-202 and ECON 250. This course provides a theoretical analysis of the resource allocation mechanism in a market economy, including consideration of the impacts of government policies on market outcomes. Students study the behavior of individual producers and consumers, the influence of market structure on the pricing and output decisions by firms, and the microeconomic foundations of competitive strategy.

ECON 303 MANAGERIAL ECONOMICS (3) *Prerequisites: ECON 201-202, 250, and General Education Math.* This course introduces the use of economic theory and new techniques of decision making in the management of business enterprise. Cost and demand analysis, economic forecasting, profit management, capital budgeting, and pricing policies are among the topics covered.

ECON 305 MONEY, CREDIT, AND BANKING (3) *Prerequisites: ECON 201-202.* The nature and functions of money and the role played by financial intermediaries are studied with focus on full-service commercial banks and the federal reserve banks. Emphasis is placed on money creation by the depository institutions and the Federal Reserve System of the U.S.

ECON 308 INTERNATIONAL ECONOMIC POLICY (3) *Prerequisites: ECON 201-202.* Focus is on important areas in current international economic policy and international trade policy, international monetary relationships, and operations of transnational corporations in the world economy. Microeconomic and macroeconomic tools are used in the study of these issues.

ECON 330 HISTORY OF ECONOMIC THOUGHT (3) This course studies the development of economic theory from scholasticism to classical thought (including Malthus, Mill, Ricardo, Smith, and Marx) to Neo-Classical economics. Each writer's contribution is evaluated in light of the development of modern economic theory.

ECON 331 ECONOMIC HISTORY OF THE UNITED STATES: PART I (3) *Prerequisites: ECON 201-202.* This course studies the historical development of the United States economic system and its role in the growth of the nation. Emphasis is placed on the eighteenth and first half of the nineteenth centuries. Micro and macro economic factors are analyzed. Topics include mercantilism, the economic determinants and consequences of the American Revolution, slavery, and the Civil War.

ECON 332 ECONOMIC HISTORY OF THE UNITED STATES: PART II (3) *Prerequisites: ECON 201-202.* This course studies the United States economy from the end of the Civil War to the present. Both macro and micro economic theory are applied to period events. Topics include labor unions, the rise of big government, and the Great Depression.

ECON 361 PUBLIC FINANCE (3) *Prerequisites: ECON 201-202.* This course is a theoretical and institutional study of government and its effects on resources allocation, income distribution, resource employment level, and economic growth.

ECON 364 URBAN AND REGIONAL ECONOMICS (3) *Prerequisites: ECON 201-202.* This study of location theory, land use, and regional development emphasizes policy problems in urban housing, transportation, crime, and pollution.

ECON 365 ECONOMICS OF TERRORISM (3) *Prerequisites: ECON 201-202.* This course explores the causes and consequences of terrorism from an economic perspective. In addition to studying the economic implications of terrorism and gaining an understanding of the fundamentals of political risk assessment, students will use principles of competitive strategy to develop and evaluate alternative responses to the terrorist threat.

ECON 377 STUDY ABROAD (3) *Prerequisite: Consent of instructor.* This course offers students the opportunity to study economics in foreign settings.

ECON 397 INDEPENDENT STUDY IN ECONOMICS (1-3)
Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing. This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

ECON 398 SPECIAL TOPICS IN ECONOMICS (1-3) [credit depends on topic] *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

ECON 399 MANAGERIAL ECONOMICS INTERNSHIP (1-12)
Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator and supervising faculty prior to registration. Qualified students may earn credit for an internship with a business firm or agency while being supervised by an appropriate member of the economics faculty. (See "Internships.")

ECON 400 INFORMATION, UNCERTAINTY, AND RISK (3)
Prerequisites: ECON 300 or 301. This course offers an introduction to the tools and techniques for making decisions under conditions of risk and uncertainty, including such topics as risk analysis, scenario planning, game theory, decision trees, and contingency management. Heavy emphasis will be placed on real-world applications, e.g., information management, competitive intelligence, and security issues associated with political conflict. Students will be exposed to the challenges of dealing with ill-defined problems through a variety of case studies.

ECON 450 SENIOR SEMINAR IN ECONOMICS (3) *Prerequisites: ECON 300-301.* Students are required to undertake a research project using mathematical and statistical methods introduced in ECON 250.

EDUCATION

EDUC 101 INTRODUCTION TO EDUCATION AND RELATED PROFESSIONS (3) With particular attention to American public education and the role of the licensed professional teacher, the course examines historical, philosophical, and current social influences on contemporary practice, institutional development, and public attitudes about children and education. The course includes an exploration of the expanding range of career paths open to teaching and human development professionals and introduces teacher licensing requirements and procedures. Professional vocabulary, attitudes, and performance expectations are introduced as an integral and functional component of the course.

EDUC 398 **SPECIAL TOPICS IN EDUCATION (1-3) [credit depends on topic]** *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

EDUC 420 **FIELD EXPERIENCE III (E) (1)** *Prerequisites: EDUC 202, 320, with a C- or above.* This course provides students with opportunities to apply instructional skills in controlled situations under the guidance of an experienced professional. Students participate in two hours of observations, tutorial, and small and large group instructional activities per week in classrooms in local school districts. On-campus and in-school seminars provide opportunities for analysis and reflection.

EDUC 422 **METHODS: SCIENCE AND MATH (3)** *Prerequisite: EDUC 211.* This course is an integrated workshop offering an active inquiry approach to model practices recommended by the National Science Education Standards and National Council on Teaching Mathematics Strategies. Methods for teaching knowledge and skills based on the Virginia Standards of Learning are offered from a student-centered approach. Multiple forms of assessment are modeled and the effective use of technology as a tool for learning is stressed.

EDUC 423 **READING AND LANGUAGE ACQUISITION II (3)** *Prerequisite: EDUC 313.* Taken the semester prior to student teaching, this course builds on knowledge acquired in Reading and Language Acquisition I (EDUC 313). It introduces additional skills to achieve proficiency in a wide variety of comprehension strategies, including a repertoire of questioning strategies, understanding the dimensions of word meanings, teaching summarizing and retelling skills, and guiding students to make connections beyond the text.

EDUC 427 **STUDENT TEACHING (E) (11)** *Prerequisites: Completion of all major course requirements, and admission to student teaching. Corequisite EDUC 448.* This course is an application of effective teaching skills and content at the elementary level. Students are assigned to one semester, full-time block in school systems under the guidance of College personnel and classroom teachers where they practice their teaching skills.

EDUC 440 **PRACTICUM IN CHILD DEVELOPMENT (3-6)** *Prerequisite: Consent of instructor.* This course provides choices for specialized learning in education outside the traditional classroom teaching experience, including preschool education, school libraries, school-community relations, homebound instruction, and educational support programs, such as tutorial services for students with special needs. Open to senior students taking the non-licensure option.

EDUC 444 **FIELD EXPERIENCE II (S) (2)** *Prerequisite: Admission to Teacher Preparation Program. Corequisite: EDUC 352.* This course provides students with opportunities to apply instructional skills in controlled situations under the guidance of an experienced professional. Students participate in observations, video-taped lessons, and on-site practice teaching. On-campus and in-school seminars provide opportunities for analysis and reflection.

EDUC 447 **STUDENT TEACHING (SECONDARY) (11)** *Prerequisites: Completion of major and minor course requirements and admission to student teaching. Corequisite EDUC 448.* This course is an application of all the effective teaching skills and content at the secondary level. Students are assigned to a one semester, full time-block in school systems under the guidance of College personnel and classroom teachers where they practice their teaching skills.

EDUC 448 **STUDENT TEACHING SEMINAR (1)** *Corequisite: EDUC 427, 447, SPED 437 or HPE 467.* This course will continue the student teacher's study of best practices and engage in discussions and activities to help them acquire the professional values and practical strategies to make the successful transition from college student to student teacher to licensed professional teacher.

an analysis of professional and student-written fiction and focuses on critical standards and facility with creative expression. Students improve their reading and writing skills, expand the scope of their literary perception by envisioning a work from an author's point of view, and intensify their knowledge of literary standards by offering bi-weekly written assignments which are shared and evaluated by all members of the class. This course may be repeated if subjects of study vary and the English Program approves.

ENGL 353 **SIXTEENTH-CENTURY ENGLISH LITERATURE (3)**
[Renaissance] *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This course is a study of prose, poetry, and drama of the Tudor period, excluding the drama of Shakespeare. It is also a study of the English Renaissance with concentration on More, Sidney, Spenser, and Shakespeare's sonnets.

ENGL 354 **SEVENTEENTH-CENTURY ENGLISH LITERATURE (3)**
[Renaissance] *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This study of prose, poetry, and drama during the century of the English Civil War emphasizes Milton, Jacobean drama, the poetry of Donne and Johnson, and the prose of Bacon and Bunyan.

ENGL 355 **RESTORATION AND EARLY EIGHTEENTH-CENTURY BRITISH LITERATURE (3) [Eighteenth-Century]** *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This course deals with Restoration and eighteenth-century drama and the poetry and prose of such writers as Dryden, Pope, Swift, Defoe, Addison, and Steele.

ENGL 356 **EIGHTEENTH-CENTURY ENGLISH LITERATURE (3)**
[Eighteenth-Century] *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This study of the major writers and texts of the second half of the eighteenth century emphasizes the development of the novel (Defoe, Richardson, Fielding, Sterne, and Smollett) and the works of Samuel Johnson.

ENGL 357 **LITERATURE OF THE ROMANTIC PERIOD (3)**
[Nineteenth-Century] *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This course focuses on the principal writers of the Romantic Period in Britain, including Coleridge, Shelley, Byron, Wordsworth, Blake, and Keats, and on the essential elements of British Romanticism.

ENGL 358 **LITERATURE OF THE VICTORIAN PERIOD (3)**
[Nineteenth-Century] *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This course examines the literature and life of the Victorian period through the works of such writers as Dickens, Eliot, Carlyle, Tennyson, Arnold, the Brownings, and the Brontës. The course commonly explores a specific theme or thread as presented in several representative works.

ENGL 359 **THE END OF AN AGE: 1880-1914 (3) [Nineteenth-Century]**
Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor. This course is a study of British poetry, drama, and fiction from this transitional period as the Victorian Age evolves into the Modern Age. Writers such as Hardy, Shaw, Conrad, Yeats, and Ford are included.

ENGL 360 **THE ENGLISH NOVEL (3) [Eighteenth-Century, Nineteenth-Century]** *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This study of representative novels from the earliest examples through the nineteenth century considers both the general characteristics of novels and the distinctive characteristics of English novels from different periods. Novelists include Richardson, Fielding, Defoe, and Dickens.

ENGL 365 **MODERN BRITISH AND AMERICAN POETRY (3)**
[Twentieth-Century, American Literature] *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This study of poetry in the twentieth century (with notable exceptions from the nineteenth century-Dickinson and Whitman) emphasizes poetry written after World War I. The course focuses on the elements of poetry and traces major themes. Recommended for those who wish to understand better the nature of poetry and for those desiring specific knowledge of poetry's relationship to twentieth-century thought.

ENGL 366 **SOUTHERN LITERATURE (3)** *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* An overview and analysis of the seminal prose and poetry of the American South from the twentieth and twenty-first centuries. Writers under examination will include such figures as William Faulkner, The fugitive poets, Eudora Welty, Alice Walker, and Lee Smith.

ENGL 367 MODERN BRITISH NOVEL (3) [Twentieth-Century]
Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor. This course examines major British novels from the beginning of World War I to the present and includes the works of such authors as Conrad, Forster, Lawrence, Joyce, Woolf, and others.

ENGL 368 MODERN AMERICAN NOVEL (3) [American Literature]
Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor. This course examines major American novels from the beginning of World War I to the present.

ENGL 369 MODERN BRITISH DRAMA (3) [Twentieth-Century]
Prerequisite: ENGL 201 or 202 and ENGL 220 or consent of instructor. This study of twentieth-century British drama includes major stylistic movements with emphasis on the plays of Shaw, Yeats, Synge, O'Casey, Eliot, Beckett, Osborne, Pinter, Stoppard, and others.

ENGL 370 MODERN AMERICAN DRAMA (3) [American Literature]
Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor. This study of twentieth-century American drama includes major stylistic movements with emphasis on the plays of O'Neill, Williams, Miller, Albee, and others.

ENGL 371 CONTEMPORARY LITERATURE (3) [American Literature] *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This study of fiction, poetry, and drama written primarily since 1970 in English (or in translation) by authors from Europe and North and South America focuses on techniques and common concerns that mark this literature as distinctly contemporary.

ENGL 373 LITERATURE AND FILM OF VIETNAM (3) *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This course will concentrate on the literature, feature films, and documentaries generated by the Vietnam War. In addition to offering the "facts" surrounding the war, it will incorporate a variety of uncommon perspectives on that war - i.e. fiction and non-fiction written by women and by Vietnamese authors. Social/political commentary on the 60's and 70's and on the long-range effects of this Vietnam experience upon the American psyche will also be incorporated.

ENGL 377 STUDY ABROAD (3) *Prerequisites: ENGL 201 or 202 and ENGL 220 or permission of instructor.* This course provides students with the opportunity to study in foreign settings.

ENGL 397 INDEPENDENT STUDY IN ENGLISH (1-3) *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor, and credit is dependent on the nature of the work. May be repeated for no more than six credits.

ENGL 398 SPECIAL TOPICS IN ENGLISH (1-3) [credit depends on topic] *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

ENGL 399 INTERNSHIP IN ENGLISH (1-6) *Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator and supervising faculty prior to registration.* The internship program allows students practical experience in fields using their training as English majors. Interns may work in such settings as radio and television stations, advertising and public relations agencies, local industries and civic organizations, state and local governments, and individually designed situations. (See "Internships.")

ENGL 400 LITERARY CRITICISM (3) [Theory] *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* Using a predominantly historical approach, this course surveys major works of literary criticism of the Western world from Plato to the present. In the latter part of the course, attention is directed toward recent schools of criticism and critical approaches.

ENGL 401 **HISTORY OF THE ENGLISH LANGUAGE (3)** [Teacher Licensure] *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This course surveys the development of the English language from the Anglo-Saxon period to the present day. Changes in the language are explored in connection with social and historical contexts in Great Britain. Course work includes study of Old and Middle English grammar and some translation of texts. This course also focuses on application of material to teaching in the secondary schools.

ENGL 402 **SEMINAR IN FICTION (3)** *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This study of fiction as a genre emphasizes the process of reading and interpreting novels and short stories and the development of the genre.

ENGL 403 **SEMINAR IN POETRY (3)** *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This study of poetry as a genre emphasizes the process of reading and interpreting poems and the means by which a poem creates its meaning.

ENGL 404 **SEMINAR IN DRAMA (3)** *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This study of the genre of drama emphasizes the interpretation of the various types of plays from different periods as well as related dramatic criticism.

ENGL 405 **MAJOR AMERICAN AUTHORS (3)** [Major Author, American Literature] *Prerequisites: ENGL 201/202 or consent of instructor.* Content varies from year to year. The focus is typically on one or two major writers of the twentieth century such as Faulkner or Hemingway. Classes are conducted as seminars and are suitable for undergraduate and graduate studies.

ENGL 414 **CHILDREN'S LITERATURE (3)** *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This advanced course is designed for classroom teachers and librarians or administrators wishing to extend their knowledge of literature available for children and to understand the criteria for evaluating books. Emphasis is on integrating trade books with all aspects of the curriculum in the modern school.

ENGL 415-416 **SUPERVISED PRACTICUM (1-3)** *Prerequisite: ENGL 205 or consent of instructor.* These courses enroll students in major editorial positions with the *Prism* and involve work in the gathering, selecting, and presenting of written work and art for issues of the *Prism*.

ENGL 417 **CHAUCER (3)** [Major Author, Medieval] *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This course introduces students to the range of works by the poet Geoffrey Chaucer (c. 1343-1400), as well as the cultural context in which he lived. The course explores the poet's longer narrative works, including the *Canterbury Tales*, and a sampling of his prose and short lyrics with emphasis on the impact of Chaucer's writings on modern audiences. All texts are available in translation.

ENGL 420 **SENIOR SEMINAR IN ENGLISH (3)** [Theory] *Prerequisites: Prerequisite: ENGL 201 or 202 and ENGL 220 or consent of instructor.* Focusing on literary texts, the course gives seniors a chance to use knowledge of literary history, form, and technique, as well as expertise in writing and interpretation, to read, analyze, discuss, and write about literature.

ENGL 423 **MULTICULTURAL LITERATURE (3)** *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* Using writers from around the world such as Milan Kundera, Fae Myenne Ng, and Chinua Achebe, the course explores different cultures, the effects of culture on perspective, the historical self-concepts of various peoples, and other peoples' attitudes toward America.

ENGL 440 **TEACHING COMPOSITION (3)** *Prerequisite: ENGL 203 or consent of instructor.* This course is designed for teachers and prospective teachers in secondary schools and colleges. It will include studying, practicing, and evaluating a wide range of methods of teaching composition. Class time will be devoted to discussion, student presentations, and in-class writing and evaluation. Research in the field is required, culminating in a paper.

ENGL 444 **ADOLESCENT LITERATURE (3)** *Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor.* This is an advanced course designed for teachers, librarians, and administrators. Intensive study will be given to select traditional and contemporary books, which have an appeal for most adolescents. Emphasis will be interdisciplinary rather than literary so that wider use of texts can be employed in contemporary schools.

ENGL 450 **TEACHING CREATIVE WRITING (3)** *Prerequisite: ENGL 205 or consent of instructor.* Especially recommended for those planning to teach, this course meets Virginia State Department of Education certification requirements for the teaching of English. This course focuses on the development of writing poetry, fiction, and drama. The premise of the course is that to teach, one needs to write, and that from sensitivity to the processes of writing comes the ability to guide others. The course is process-oriented, moving from creative writing assignments to critiquing pedagogical techniques, and discussing and planning assignments for students.

ENGL 451-452 **SHAKESPEARE (3, 3) [Major Author, Renaissance]**
Prerequisites: ENGL 201 or 202 and ENGL 220 or consent of instructor. English 451 provides an in-depth study of the best known tragedies and most important English history plays by Shakespeare. Some attention is given to major critical approaches and background material. English 452 focuses on the romantic comedies, the problem plays, and the romances. References are made to plays studied in 451, but 451 is not a prerequisite.

ENVIRONMENTAL SCIENCE COURSES (ENVS)

ENVS 101-102 **EARTH AND ENVIRONMENTAL SCIENCE I-II (3, 3)** *Corequisite: ENVS 101L-102L.* Three hours lecture. This course sequence offers an interdisciplinary introduction to the scientific study of the earth's physical and biological systems with an emphasis on environmental changes and their implications.

ENVS 101L-102L **EARTH AND ENVIRONMENTAL SCIENCE LABORATORY I-II (1, 1)** *Corequisite: ENVS 101-102.* Three hours laboratory to accompany ENVS 101-102.

ENVS 211 **PHYSICAL GEOGRAPHY (3)** Three hours lecture. This course provides a broad natural science background for students. The interrelationship of the lithosphere-hydrosphere-atmosphere, climate-soil-vegetation, and landforms of the world bring into perspective observable natural phenomena.

ENVS 238 **INTRODUCTION TO RESEARCH (1-3)** *Prerequisite: Consent of supervising instructor.* This course provides the beginning student the opportunity to conduct lab, field, or library research under the supervision of a faculty member. Credit is dependent upon the scope of the work.

ENVS 320 **CONSERVATION BIOLOGY (2)** *Prerequisites: BIOL 111/111L-112/112L or ENVS 101/101L-102/102L, or permission of instructor.* Three hours lecture and three hours laboratory. One-half semester modular course paired with another related half-semester modular course. This multi-disciplinary course addresses biological diversity at the genetic, population, and species levels. In particular, human impacts on diversity are studied and practical approaches to understanding and preventing extinction are explored.

ENVS 324 **SUSTAINABLE FOREST MANAGEMENT (4)** *Prerequisites: satisfactory completion of the following: BIOL 111/111L, or ENVS 101/101L and 102/102.* This course teaches the principles and techniques of forest management from both economic and environmental standpoints. Students will be trained in silviculture, dendrology, and timber cruising and harvesting during lectures, labs, and field trips. Topics related to timber harvesting such as watershed management, wildlife conservation, rangeland management, global climate change, and outdoor recreation will also be explored. The importance of managing forests so that they do not become depleted will be the over-riding theme of the course.

ENVS 325 **LANDSCAPE ECOLOGY (2)** *Prerequisites: BIOL 111/111L-112/112L or ENVS 101/101L-102/102L, or permission of instructor.* Three hours lecture and three hours laboratory. One-half semester modular course paired with another related half-semester modular course. This course examines the mechanisms underlying large-scale ecological processes and their changes across space and time. The relationships among landscape structure, resource distributions, and populations are studied with an emphasis at the ecosystem level.

ENVS 331 **PRINCIPLES OF HYDROLOGY (4)** *Prerequisites: MATH 103, CHEM 104-105, or permission of instructor.* Three hours lecture and three hours laboratory. This course is a study of the principles and theory of surface water and groundwater flow, chemistry, and quality; understanding and determination of water budget, hydrologic cycle, and Darcy's law; social, political, and economic issues related to hydro-logical systems.

ENVS 333 **PHYSICAL OCEANOGRAPHY (4)** *Prerequisites: BIOL 111/111L-112/112L or ENVS 101/101L-102/102L, or permission of instructor.* Three hours lecture and three hours laboratory. This course focuses on ways in which oceans function and ocean interact with earth systems. Consideration is given to ocean currents and vertical mixing, water chemistry, heat and energy transfer, sea floor geology, and coastal processes.

ENVS 336 **PHYSICAL GEOLOGY (4)** *Prerequisites: BIOL 111/111L-112/112L or ENVS 101/101L-102/102L, or permission of instructor.* Three hours lecture and three hours laboratory. This course is a study of the earth's structure, composition, surface features and processes, rocks, minerals, mountain building, volcanoes, earthquakes, and the weathering and erosional effects of wind, water, and ice.

ENVS 337 **HISTORICAL GEOLOGY (4)** *Prerequisites: BIOL 111/111L-112/112L or ENVS 101/101L-102/102L, or permission of instructor.* Three hours lecture and three hours laboratory. This course looks through the earth's past through the record hidden in the rocks and the fossils contained within and includes a study of the development of life on earth as well as the climate and geologic changes of the earth's surface from the Precambrian until the present.

ENVS 338 **ENVIRONMENTAL GEOLOGY (4)** Three hours lecture and three hours laboratory. This course is a systematic study of processes that operate at or near earth's surface and influence the development, preservation, and destruction of natural environments. Topics covered include the influence of fluvial, atmospheric, mass-wasting, glacial, volcanic and tectonic systems on the environment. Mitigation strategies to prevent environmental degradation will also be discussed.

ENVS 340 **REMOTE SENSING (2)** *Prerequisites: BIOL 111/111L-112/112L or ENVS 101/101L-102/102L, or permission of instructor.* Three hours lecture and three hours laboratory. One-half semester modular course paired with another, related half-semester modular course. Fundamental principles of remote sensing from satellites and other sources for environmental science are examined in this course.

ENVS 345 **METEOROLOGY (2)** *Prerequisites: BIOL 111/111L-112/112L or ENVS 101/101L-102/102L, or permission of instructor.* Three hours lecture and three hours laboratory. One-half semester modular course paired with another related half-semester modular course. This study of the earth's atmosphere and all of its associated characteristics is designed for environmental scientists.

ENVS 375 **FRESHWATER ECOLOGY (4)** *Prerequisites: BIOL 111/111L-112/112L or ENVS 101/101L-102/102L.* Three hours lecture and three hours laboratory. This course focuses on the physical, chemical, and biological properties of the freshwater environment. A special emphasis will be placed on studying anthropogenic impacts on aquatic habitats and their organisms.

ENVS 377 **STUDY ABROAD (3)** This course provides students with the opportunity to study principles of environmental science in foreign settings.

ENVS 380 **GEOGRAPHIC INFORMATION SYSTEMS (GIS) (4)** *Prerequisite: Junior/ senior standing.* Three hours lecture and three hours laboratory. This course introduces

students to the theory and practice of Geographic Information Systems (GIS) and prepares them for its use across numerous fields of study. Geographic Information Systems (GIS) is specially designed hardware and software for the analysis and display of spatially explicit data. With intelligent digital maps, such systems allow users to store, query, and retrieve information based on desired parameters.

ENVS 397 INDEPENDENT STUDY IN ENVIRONMENTAL SCIENCE (1-3) *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

ENVS 398 SPECIAL TOPICS IN ENVIRONMENTAL SCIENCE (1-4) **[credit depends on topic]** *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

ENVS 399 INTERNSHIP IN ENVIRONMENTAL SCIENCE (1-12) *Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator, and supervising faculty prior to registration.* This internship is offered to qualified students allowing them to gain personal and practical experience in various areas of environmental science. Internships include but are not limited to working in environmental laboratories, natural resources conservation, restoration of natural areas, and help with research projects conducted by senior scientists and engineers.

ENVS 428 INDIVIDUAL RESEARCH IN ENVIRONMENTAL SCIENCE (1-6) *Prerequisites: Junior or senior standing; consent of supervising instructor.* This independent opportunity to conduct a field, laboratory, or literary study project culminates in a formal paper and/or presentation as directed by the supervising instructor. Credit is dependent on the nature of the work but may not exceed three credit hours per semester.

ENVS 490 ENVIRONMENTAL SCIENCE SEMINAR (1) *Prerequisite: At least forty hours from the environmental science major curriculum.* This seminar course provides an opportunity for students to study a range of biological questions presented by outside speakers. Additionally, student communication skills are assessed through oral presentations on internships or individual research projects, as well as other topics. Intended as a capstone course.

ENVIRONMENTAL STUDIES COURSES (ENST)

ENST 210 PEOPLE AND THE ENVIRONMENT (3) *Prerequisites: ENVS 101, 101L and 102, 102L.* This course provides an introduction to the various dimensions of human interaction with the environment and natural resources. Topics include environmental management, economics, law, policy, and global issues, as well as environmental education, communication, recreation, ecotourism, values, and ethics.

ENST 238 INTRODUCTION TO RESEARCH (1-3) *Prerequisite: consent of supervising instructor.* This course provides the beginning student the opportunity to conduct lab, field, or library research under the supervision of a faculty mentor. Credit is dependent on the scope of the work.

ENST 350 ENVIRONMENTAL LAW AND POLICY (4) *Prerequisites: ENVS 101/101L and 102/102L or instructor consent.* This course provides an introduction to the laws and policies governing pollution, hazardous wastes, the use of natural resources, etc. Environmental policy formulation and implementation, and the role of the judicial system will be topics of focus.

ENST 370 ENVIRONMENTAL MANAGEMENT (4) This course is a survey of management techniques used in the environmental profession. The management of business, industry, and natural resources is emphasized.

ENST 397 **INDEPENDENT STUDY IN ENVIRONMENTAL STUDIES (1-3)**
Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing. This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

ENST398 **SPECIAL TOPICS IN ENVIRONMENTAL SCIENCE (1-3)**
[credit depends on topic] *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

ENST 399 **INTERNSHIP IN ENVIRONMENTAL STUDIES (1-12)**
Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator, and supervising faculty prior to registration. This internship is offered to qualified students, allowing them to gain personal and practical experience in various areas of the environmental field. Internships include but are not limited to working in environmental laboratories, natural resources conservation, environmental law and policy, restoration of natural areas, and help with research projects conducted by senior researchers.

ENST 428 **INDIVIDUAL RESEARCH IN ENVIRONMENTAL STUDIES (1-6)**
Prerequisites: Junior or Senior Standing; consent of supervising instructor. This independent opportunity to conduct a field, laboratory, or literary study project culminates in a formal paper and/or presentation as directed by the supervising instructor. Credit is dependent on the nature of the work but may not exceed three credit hours per semester.

ENST 480 **CAPSTONE COURSE IN ENVIRONMENTAL STUDIES (3)**
Prerequisites: ENVS 101/101L, 102/102L, junior or senior standing. This course serves as the capstone course for the Environmental Studies major. A current environmental issue will be chosen for in-depth study from various perspectives (policy, economics, sociology, history, science, etc.).

EXERCISE PHYSIOLOGY COURSES (EXP)

EXPH 325 **PHYSIOLOGY OF EXERCISE (3)** *Prerequisites: BIOL 214, 215.* This course studies the human body's short term and long term adjustments to exercise. Topics include: musculoskeletal function, energy metabolism, respiratory adjustments, heart and circulatory adjustment, neural control, temperature regulation, environmental effects, and conditioning principles.

EXPH 326 **ADVANCED PHYSIOLOGY OF EXERCISE (3)** *Prerequisite: EXPH 325.* This course is designed to provide students with an in-depth study of physiological and biochemical alterations occurring in the human body as a result of exercise. Topics will include control of bioenergetics, exercise metabolism, acute and chronic adaptations to aerobic and resistance training programs, physiology of performance, environmental effects, hormonal responses, and temperature regulation.

EXPH 330 **ASSESSMENT AND TREATMENT OF GENERAL MEDICAL CONDITIONS (3)** *Prerequisite: EXPH 325.* This course is designed to provide students with the knowledge and skill necessary to recognize and treat a variety of systemic pathologies.

EXPH 342 **MEASUREMENT TECHNIQUES IN EXERCISE PHYSIOLOGY (3)** *Prerequisite: EXPH 325.* This course provides the opportunity for students to learn the instrumentation, techniques, protocols, and methodologies used in physiological testing.

EXPH 355 **SCIENTIFIC PRINCIPLES OF STRENGTH AND CONDITIONING (3)** *Prerequisites: BIOL 214, 215.* This course provides students with the scientific principles and practical skills to develop and adjust conditioning programs. Students learn how to design conditioning programs to address strength, power, speed, agility, and endurance needs. Students also learn how to adjust programs for those with special needs (e.g. injuries) so programs can be safe and effective.

FILM 398 **SPECIAL TOPICS IN FILM (1-3) [credit depends on topic]**

Prerequisite: A background of work in the discipline or prior consent of instructor. This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

FINANCE COURSES (FIN)

FIN 150 **FAMILY AND PERSONAL FINANCE (3)** This functional course is designed to meet the needs of individuals and married couples in their attempt to save, invest, and spend wisely. Primary emphasis is placed on buying a house, appropriate life insurance policies, and investing in the stock market.

FIN 317 **PRINCIPLES OF FINANCE (3)** *Prerequisites: ACCT 201, ECON 201-202, and General Education Math.* Course examines basic financial principles involving procurement, allocation, and control of funds of the business firm. Topics include maximizing shareholder wealth, time value of money, stock and bond valuation, risk and expected return, capital budgeting, and financial statement analysis. This first of two case-based courses introduces the broad range of concerns in managerial finance. Topics include ratio analysis, projection of funds requirements, working capital management, lending relationships, capital budgeting, and long-term capital structure. Case analysis allow students to acquire basic skills and perspectives in each area.

FIN 318 **FINANCIAL MANAGEMENT (3)** *Prerequisite: FIN 317.* This course applies basic financial techniques and principles to financial administration, policy, and decision-making of the firm. This course also examines ethical issues involved in financial administration, policy, and decision-making. The case-study method is used. A continuation of FIN 317. Through case analysis and discussion, students will gain increased sophistication in their knowledge and application of managerial models relevant to the topics covered in the Principles of Finance. The course will also introduce in-depth material in the areas of capital market behavior, mergers, acquisitions, divestitures, and international finance.

FIN 397 **INDEPENDENT STUDY IN FINANCE (1-3)** *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

FIN 398 **SPECIAL TOPICS IN FINANCE (1-3) [credit depends on topic]** *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

FIN 405 **INVESTMENT FUNDAMENTALS (3)** *Prerequisites: ECON 201-202, FIN 317, and ECON 250 or BUAD 241.* This course studies the economic, fundamental, and technical analysis of financial securities and their use in achieving investment objectives. The course focuses on assessing the risks and returns offered by the major classes of financial securities and their derivatives; the assessment of intrinsic versus market values; the construction of portfolios for different purposes and basic portfolio management practices; and the mechanics of participation in securities markets.

FRENCH COURSES (FREN)

Students who enter Lynchburg College directly from high school, and who have had two or more years of a foreign language in high school, may qualify for enrollment at the intermediate level if they wish to continue with the same language. All students entering the 102 and 201 language levels will be required to take a placement test to determine the level at which the student should succeed.

Work in the language laboratory constitutes part of the elementary and intermediate language courses. It is designed to teach and test listening-comprehension and speaking skills, the components of which are

auditory discrimination, auditory memory, pronunciation, and fluency.

The foreign language requirements may be waived for a student whose native language is not English if that student demonstrates to the faculty in the program an acceptable proficiency in speaking and writing in the native language.

FREN 101-102 **ELEMENTARY FRENCH (3,3)** This course sequence introduces four language skills in French: listening comprehension, speaking, reading, and writing with emphasis on basic grammar and oral proficiency. Work in the language laboratory is required.

FREN 201 **INTERMEDIATE FRENCH (3)** *Prerequisites: FREN 101-102 or equivalent.* (Each student's level is determined by a placement test that is given at the beginning of the course.) This course provides a review of grammar and intensive reading and conversational practice emphasizes the speaking of French. This course should bring students to the novice high/intermediate low oral proficiency level (ACTFL Guidelines). Work in the language laboratory is required.

FREN 202 **INTERMEDIATE FRENCH (3)** *Prerequisite: FREN 201 or equivalent.* This review of grammar and intensive reading practice of French is based on selected literary and civilization texts. Work in the language laboratory is required.

FREN 203-204 **FRENCH INTERMEDIATE CONVERSATION (3,3)** *Prerequisites: FREN 101-102, or equivalent.* This course sequence involves the spoken use of practical, day-to-day French.

FREN 207 **FRENCH LITERATURE IN TRANSLATION I (3)** With readings and lectures entirely in English, this course covers French writers from the Middle Ages through the eighteenth century. Representative works and writers include the "Song of Roland," "Tristan and Yseult," Montaigne, Pascal, Moliere, Corneille, Racine, Voltaire, and Rousseau.

FREN 208 **FRENCH LITERATURE IN TRANSLATION II (3)** With readings and lectures entirely in English, this course covers French writers from the nineteenth and twentieth centuries. Writers include: Balzac, Maupassant, Flaubert, Proust, Camus, and Sartre.

FREN 221-222 **ADVANCED LANGUAGE PRACTICE (3,3)** *Prerequisite: FREN 202 or equivalent.* This course sequence provides intensive practice in oral and written French to develop fluency and correctness of expression. Special emphasis is on vocabulary building, development of style, and cultural awareness.

FREN 241-242 **CONVERSATION AND COMPOSITION (3,3)** *Prerequisite: FREN 202 or equivalent.* This course sequence provides intensive practice in oral and written French to develop fluency and correctness of expression. Special emphasis is on vocabulary building and development of style. The course will use a political and historical approach to French cultural topics and include an introduction to French literature and literary criticism.

FREN 277 **STUDY ABROAD (3)** *Prerequisite: consent of instructor.* This course, offered in a francophone country, involves intensive French instruction in oral communication, civilization, culture, and language. This course is open to all students with consent of instructor; no prior knowledge of French is required.

FREN 300 **THE CULTURE AND CIVILIZATION OF FRANCE: 400BC -1789 (3)** *Prerequisite: French 202 or equivalent for French majors and minors or **no prerequisite but simply consent of instructor for those taking this course as an elective.* This broad introduction to French culture and civilization focuses on the significant historical events, political movements, philosophic schools and social phenomena which contributed to the formation of France and French culture. Through a careful analysis of geographic, economic, cultural and political phenomena, the evolution of the French state and its people from the beginnings of Celtic tribal culture to the dominant intellectual, artistic, political and culture nation of the Enlightenment period of the 18th century will be studied. Please note that any term in which there are non French majors and minors enrolled in this course it would be taught in English (to attract a broader target public). In this case only French majors, minors and specialists (and those who so desire) would perform all their written work in French.

FREN 311-312 **SURVEY OF FRENCH LITERATURE (3,3)** *Prerequisite:* FREN 222, 242, or equivalent. This course sequence focuses on readings in French covering the Middle Ages through the eighteenth century.

FREN 313-314 **SURVEY OF FRENCH LITERATURE (3,3)** *Prerequisite:* FREN 222, 242, or equivalent. This course focuses on readings in French from the nineteenth and twentieth centuries.

FREN 333-334 **CONTEMPORARY FRENCH LITERATURE (3,3)**
Prerequisite: FREN 222, 242, or equivalent. In this course, sequence readings focus on the works of Proust, Gide, Valery, Alain, Sartre, Camus, Claudel, and others. Surrealism and existentialism are discussed.

FREN 377 **STUDY ABROAD (3)** *Prerequisite:* Consent of instructor. This course, offered in a francophone country involves intensive French instruction in oral communication, civilization, culture, and language.

FREN 389-390 **BUSINESS FRENCH (3,3)** *Prerequisite:* Consent of instructor. A survey of business concepts in France, this course is approached both in terms of study of daily French business practices and as training in vocabulary skills to permit such study. Most standard aspects of commerce in France are covered.

FREN 397 **INDEPENDENT STUDY IN FRENCH (1-3)** *Prerequisites:* Approval of faculty sponsor and school dean; junior or senior standing. This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

FREN 398 **SPECIAL TOPICS IN FRENCH (1-3) [credit depends on topic]** *Prerequisite:* A background of work in the discipline or prior consent of instructor. This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

FREN 399 **INTERNSHIP IN FRENCH (1-6)** *Prerequisites:* Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator and supervising faculty prior to registration. Students may earn college credit for participation in an internship with a business firm, a government agency, or a private non-profit organization; jointly supervised by the program and the responsible organization administrator. The internship is expected to provide the student with an opportunity to apply, in a practical way, some of the language skills acquired in the study of French. (See "Internships.")

FREN 470 **METHODOLOGY OF TEACHING SECOND LANGUAGES (3)** *Prerequisite:* Junior or senior status. This course is designed for students interested in teaching French, Spanish or English as a second language (ESL). The course provides a thorough introduction to contemporary theories of second language acquisition, methods of language teaching and assessment, and current issues in second language teaching. Additional work will be required for graduate credit.

FREN 475-476 **SEMINAR (3,3)** This capstone course sequence is required of all French majors. The first semester focuses on stylistic, advanced translation, and aspects of literary criticism, based on knowledge acquired in previous course work. In the second semester students will be prepared to present orally and in writing a portfolio of their work, including a senior thesis to be written and defended in French.

GENERAL STUDIES (G S)

G S 100 **FRESHMAN SUCCESS SEMINAR (1)** This seminar is designed to help freshmen make a successful transition to Lynchburg College. Emphasis is placed on educat-

G S 277 STUDY ABROAD: CROSS-CULTURAL EXPLORATIONS

(1) This course prepares students to participate in an international, cross-cultural experience. Students will address issues related to the cultural and practical side of international travel.

G S 293 APPLIED INFORMATION LITERACY – ADVANCED (1)

This course focuses on the development and practical application skills necessary to find and evaluate efficiently a wide variety of information sources for major term papers, presentations and other student research courses, including the Senior Theses. It is designed to be taken concurrently with a course that involves a substantial student research project with the approval of the course professor. As the content is based on the nature of the specific research project, this course may be repeated in conjunction with additional research projects.

G S 305 ADVANCED CAREER DEVELOPMENT: PLANNING FOR YOUR FUTURE (1)

Open to upperclassmen, this course will assist students in planning their entry into the world of work, creating resumes and cover letters, developing interviewing and networking skills, and exploring graduate/professional school and other options. Particular emphasis will be placed on activities that develop skills which will enhance the initial stage in one's career.

G S 307 INTRODUCTION TO CIVIC PARTICIPATION AND COMMUNITY BASED RESEARCH (1)

Prerequisite: NRS 310, SOCI 209 or consent of the instructor. In this course students learn about opportunities for meaningful engagement in the community. Instruction focuses on differentiating community based research from other research methodologies. By the end of the course students will be able to design a community-based research study.

G S 350 CENTRAL VIRGINIA RESEARCH PROJECT (3)

Prerequisites: Minimum QPA of 3.0 and at least sophomore standing. Research fellows work under the auspices of the Center for the History and Culture of Central Virginia and have full access to its resources. They are assigned a mentor who helps them define an original research project in local history and see it through to completion.

G S 360, 361 WASHINGTON CENTER SEMINARS (2,3)

Prerequisite: Students in good academic standing with consent of faculty sponsor. Washington Center seminars provide short-term programs in which participants explore selected topics in depth. Students attend lectures and participate in panel discussions and small group discussions. Past topics have included international relations, business, politics, law, leadership, women's issues, and communication. Evaluation is based on participation, journal entries, and written work. Grades are determined cooperatively by the Washington Center and faculty sponsor. G S 360 involves a seven- to nine-day program granting two credits; G S 361 involves a twelve- to fifteen-day program granting three credits.

G S 377 STUDY ABROAD (3)

Prerequisite: Permission of instructor. This course provides students with foreign study and travel experience. The course develops multiple perspectives, including, but not limited to, cultural, economic, historical, and political.

G S 397 INDEPENDENT STUDY IN GENERAL STUDIES (1-3)

Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing. This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

G S 398 SPECIAL TOPICS IN GENERAL STUDIES (1-3) [credit depends on topic]

Prerequisite: A background of work in the discipline or prior consent of instructor. This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

G S 399 INTERNSHIP (1-12)

Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator, supervising faculty, and associate dean prior to registration. This internship is career-focused and bridges more than one academic discipline. (See "Internships.")

G S 410 GENDER STUDIES CAPSTONE PROJECT (3)

Prerequisites: G S 310, 9 hours of Gender Studies approved coursework. Students will apply appropriate theoretical models in gender studies in a research project that will demonstrate understanding of that application's usefulness as well as its limitations. The project will be evaluated by a committee (the "Research Committee") consisting of the director of gender studies, the research advisor (in the student's field of interest), as well as one other committee member selected by the student.

G S 415 SOCIAL ENTREPRENEURSHIP INTERNSHIP (1-6)

Prerequisite: GS 220 or permission of instructor. Students will work as interns in the community at non-profit organizations or develop socially responsible initiatives in the community for non-profit organizations. This class will also serve as an opportunity for students to receive credit for developing their own non-profit programming. Many students will have previously observed and interacted with a variety of social entrepreneurs, determined the qualities that are common to them, and explored their own inclinations and capabilities as social entrepreneurs in the prerequisite class.

G S 430 PUTTING CIVIC ENGAGEMENT INTO PERSPECTIVE (1)

Corequisite or prerequisite: G S 397 or capstone research course in the major. Prerequisites: G S 307 and consent of the instructor. This course, in a seminar format, allows students to develop collegiality with other students involved in the Civic Engagement minor. It also provides a forum for students in the minor to learn from each other about strategies for completing community-based research. There is an opportunity for reflection on the CBR experience, and, as a result of this, students are able to integrate civic participation with their academic studies.

G S 435 SENIOR SYMPOSIUM (2)

Open only to second-semester juniors and seniors, this course provides a consideration of major issues affecting mankind in the perspective of total experience. The course has three components: lectures by leaders of thought and opinion (including visiting scholars, public officials, artists, and business and professional people); selections from classical readings; and discussion seminars. Themes include: Tyranny and Freedom, War and Peace, Imagination and Creativity, Faith and Morals, Society and Solitude, Poverty and Wealth, The Nature of the Universe, Science, Technology and Society, and Education: Ways and Means and Human Nature.

G S 436 SENIOR SYMPOSIUM (2)

Open only to seniors and second-semester juniors, this course is a continuation of G S 435. (Need not be preceded by G S 435.)

GERMAN COURSES (GRMN)

GRMN 101-102 ELEMENTARY GERMAN (3, 3) Study of the fundamentals of German grammar. Emphasis on oral expression. Work in the Modern Language Resource Center (MLRC) constitutes part of the course.

GRMN 201 INTERMEDIATE GERMAN (3) *Prerequisites: GRMN 101-102 or equivalent.* (Each student's level is determined by a placement test administered at the beginning of the course.) This course is a review of grammar and intensive reading and conversational practice with emphasis on speaking German. This course should bring students to the novice high/intermediate low oral proficiency level (ACTFL Guidelines). Work in the Modern Language Resource Center (MLRC) is required.

GRMN 202 INTERMEDIATE GERMAN (3) *Prerequisite: GRMN 201.* This review of grammar and intensive reading and conversational practice is based on selected literary and civilization texts. Work in the Modern Language Resource Center (MLRC) is required.

GRMN 208 GERMAN LITERATURE IN TRANSLATION (3) With readings and lectures entirely in English, this course covers German writers from the nineteenth and twentieth centuries. Writers include Heine, Hauptmann, Kafka, Grass, Mann, Brecht, etc.

GRMN 241 CONVERSATION AND COMPOSITION (3) *Prerequisite: GRMN 202 or consent of instructor.* This course provides intensive practice in oral and written German to

develop fluency and correctness of expression. Special emphasis is on vocabulary building and development of style. The course will use a political and historical approach to German cultural topics and include an introduction to German literature and literary criticism.

GRMN 313 **SURVEY OF GERMAN LITERATURE (3)** *Prerequisite: GRMN 241.* This course focuses on readings of original texts in German literature from the nineteenth and twentieth century.

GRMN 397 **INDEPENDENT STUDY IN GERMAN (1-3)** *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

GRMN 398 **SPECIAL TOPICS IN GERMAN (1-3) [credit depends on topic]** *Prerequisites: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

HEALTH COURSES (HLTH)

HLTH 102 **LIFE CHOICES FOR HEALTH AND WELLNESS (2)** This course explores the various factors influencing health. Students differentiate between healthy behaviors and those which place individuals at risk; investigate resources for health information; and become knowledgeable about and practice lifestyle health management skills.

HLTH 300 **PHARMACOLOGY (3)** *Prerequisites: BIOL 214/214L and 215/215L or BIOL 222/222L and 223/223L.* This course establishes a knowledge base in pharmacology and provides an opportunity to investigate pharmacological principles. Students will focus on the relationship between pharmacological knowledge, nursing practice, and athletic training. Drug prototypes, mechanisms of action, and the implications for clinical management are discussed.

HLTH 300L **NURSING PHARMACOLOGY LAB (1)** *Prerequisites: Completion of nursing prerequisite courses; corequisite or prerequisite: HLTH 300; concurrent enrollment in 300 level clinical nursing courses required.* The pharmacology lab focuses on principles of safe medication administration. It provides psychomotor skill development opportunities as well as clinical practice simulations.

HLTH 397 **INDEPENDENT STUDY IN HEALTH (1-3)** *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

HLTH 398 **SPECIAL TOPICS IN HEALTH (1-3) [credit depends on topic]** *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

HEALTH AND PHYSICAL EDUCATION COURSES (HPE)

HPE 102 **CONCEPTS FOR EXERCISE AND LIFETIME WELLNESS (2)** This course is designed to assist students in establishing the basis for a healthy lifestyle. Emphasis is placed on the possible consequences of lifestyle choices; utilizing technology to become aware of fitness and nutrition; and how to make appropriate choices for positive changes.

HPE 105L ELEMENTARY PHYSICAL EDUCATION CONTENT LAB

(1) This course addresses the development, teaching, and analysis of skills in educational dance, gymnastics, games, and skill concepts. Students will learn to design, teach, and assess learning experiences in these areas.

HPE 108 INTRODUCTION TO ADVENTURE ACTIVITIES (1)

This course is an introduction to adventure activities as an experiential approach to developing self confidence, trust, team building, and open communication. Activities include the low and high elements of the adventure course, climbing on rocks and walls, rappelling, caving, and orienteering.

HPE 109 COOPERATIVE AND COMPETITIVE MOVEMENT

CHALLENGES (1) These instruction and problem solving activities involve participation, success, equity, and trust with emphasis on challenges that develop fitness. The purpose of the course is to emphasize success in skill performance, acceptance of other performers' abilities, and cooperation to achieve goals.

HPE 110L INDIVIDUAL SPORT EDUCATION LAB (1)

This course addresses the development, teaching and analysis of skills in a variety of activities, specifically tennis, badminton, pickleball, volleyball, golf and weight training. Students learn to teach, analyze and assess skilled performance based on the learner's current skill level and developmental readiness. Students will gain an understanding of the appropriate teaching strategies and modes of assessment that should be utilized with the various activities.

HPE 111L LIFE SPORT EDUCATION LAB (1)

This course addresses the development, teaching and analysis of skills in a variety of activities, strength training, rhythmic activities, dance, tumbling, aerobics and other appropriate contemporary activities. Students learn to teach, analyze and assess skilled performance based on the learner's current skill level and developmental readiness. Students will gain an understanding of the appropriate teaching strategies and modes of assessment that should be utilized with the various activities.

HPE 112L TEAM SPORT EDUCATION LAB II (1)

This course addresses the development, teaching and analysis of skills in a variety of tactical approach activities, specifically basketball, hockey, lacrosse, football and field hockey. Students learn to teach, analyze and assess skilled performance, based on the learner's current skill level and developmental readiness. Students will gain an understanding of the appropriate teaching strategies and modes of assessment that should be utilized with the various activities.

HPE 113L TEAM SPORT EDUCATION LAB I (1)

This course addresses the development, teaching and analysis of skills in a variety of tactical approach activities, specifically track and field, soccer, softball, ultimate Frisbee and team handball. Students learn to teach, analyze and assess skilled performances based on the learner's current skill level and developmental readiness. Students will gain an understanding of the appropriate teaching strategies and modes of assessment that should be utilized with the various activities.

HPE 125 ROCK CLIMBING AND VERTICAL ROPE WORK (1)

This course is designed to provide the student with the skills and experience to enjoy the sport of rock climbing and other vertical endeavors. The focus of the course is on rope work, anchor building, rappelling, and top rope climbing. Classes will be held in the classroom, on the ropes course, on local rock faces, and in local caves.

HPE 126 CHALLENGE COURSE AND ADVENTURE TRAINING (1)

This course is an overview of challenge course programming and adventure training. Classes will be taught in the classroom as well as utilizing the low and high elements of the New Horizons Adventure Course. Topics covered include group facilitation, debriefing, problem solving, initiatives, and trust building activities.

HPE 127 BASIC BACKPACKING AND HIKING (2)

This course is designed to teach the basic skills and concepts of Backpacking and Hiking. topics will include: camping, cooking, fire and stove use, equipment, safety, nutrition, map reading skills, first aid, trail etiquette, campsite selection, pace, tents, packing skills, and hear hand construction. Additional fee is required.

HPE 304 **SPORTS AND EXERCISE PSYCHOLOGY (3)** Sports and exercise psychology are the scientific study of people and their behaviors in sport and exercise contexts. This course focuses on the social and motivational theories, as well as on identifying and understanding psychological interventions that can be applied to sport and exercise to enhance the performance and personal growth of athletes and physical participants.

HPE 310 **PK-5 PHYSICAL EDUCATION METHODS PRACTICUM (4)** *Prerequisite: HPE 303.* This course is designed to develop the knowledge and practical experience necessary to help individuals, grades K-5, achieve optimum growth and potential. The concepts of motor development, skills acquisitions, psycho-social development, and pedagogy will be linked to the curricular areas of skill themes, gymnastics, dance, games and physical fitness. Observation and experience in the application of instructional theories to the teaching of movement are implemented during field practicum.

HPE 320 **6-12 PHYSICAL EDUCATION METHODS PRACTICUM (4)** *Prerequisites: HPE 310 and admission to teacher preparatory program.* This course provides fundamental concepts and methods of inquiry associated with the middle and high school curriculum in fitness, dance, gymnastics, and sports. Some observation and experience in the application of instructional theories to the teaching of movement are implemented in on-site clinical experiences.

HPE 335 **COMPREHENSIVE SCHOOL HEALTH PRACTICUM (4)** *Prerequisite: H P 239, 270, 300, or HPE 102, and admission to teacher preparatory program.* The focus of this course is curriculum development and instruction in school health education. It includes health concerns of school-age populations, curriculum resources, and unit and lesson plan development.

HPE 361 **THE MEASUREMENT OF PERFORMANCE IN HEALTH AND PHYSICAL EDUCATION (3)** *Prerequisite: MATH 222 or instructor approval.* This course focuses on analyzing performance from quantitative and qualitative perspectives and the proper use of various instruments in health and movement.

HPE 362 **HEALTH AND PHYSICAL EDUCATION FOR EXCEPTIONAL POPULATIONS (3)** *Prerequisite: Admission to teacher preparatory program..* This course surveys individualization of instruction for persons with challenging conditions and provides on-site clinical experiences with special populations.

HPE 397 **INDEPENDENT STUDY IN HEALTH AND PHYSICAL EDUCATION (1-3)** *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

HPE 398 **SPECIAL TOPICS IN HEALTH AND PHYSICAL EDUCATION (1-3) [credit depends on topic]** *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

HPE 415 **INTERNSHIP IN HEALTH AND PHYSICAL EDUCATION (1-12)** *Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator, and supervising faculty prior to registration.* This course offers a professional internship with an appropriate health fitness organization/program. The student and faculty sponsor will agree upon the location and responsibilities of the intern. The number of credits will depend upon the nature of the project and the number of hours involved in the project. (See "Internships.")

HPE 467 **STUDENT TEACHING IN HEALTH AND PHYSICAL EDUCATION K-12 (11)** *Prerequisite: Admission to Student Teaching, corequisite EDUC 448.* This supervised full-time, one semester field experience in K-12 culminates in full responsibility for teaching health and physical education under the direction of a cooperating teacher and College supervisor. All students will have placements in both elementary and secondary programs.

H P 397 INDEPENDENT STUDY IN HEALTH PROMOTION (1-3)

Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing. This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

H P 398 SPECIAL TOPICS IN HEALTH PROMOTION (1-3) [credit depends on topic]

Prerequisite: A background of work in the discipline or prior consent of instructor. This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

H P 415 INTERNSHIP IN HEALTH PROMOTION (1-12)

Prerequisites: HP 420, HP 239, HP 270, HP 271; senior status with a minimum 2.25 QPA; approval of written proposal by internship coordinator prior to registration. This course offers a professional internship with an appropriate health fitness organization/program. The student and internship coordinator will agree on the location and responsibilities of the intern. The number of credits will depend upon the nature of the project and the number of hours involved in the project. (See "Internships.")

H P 420 HEALTH PROGRAM PLANNING (3) Prerequisites: HP 239, 271, 372.

This course prepares students to plan, develop, implement, and evaluate health education programs for a variety of settings, including community and worksite.

HISTORY COURSES (HIST)

HIST 101-102 A HISTORY OF CIVILIZATION (3,3) This is the basic course sequence in history designed to provide the student with a knowledge of world cultures and an introduction to the nature of historical thinking. A two-semester sequence, the first semester encompasses the period from prehistory to about 1600 C.E., the second from 1600 to the present.

HIST 200 INTRODUCTION TO HISTORICAL STUDY AND WRITING (3)

Prerequisite: HIST 101-102 or equivalent. An introduction to historical methods and writing, this course exposes students to ways in which historians think and assists students in developing research topics, conducting original research, and presenting the results in the form of papers and reports. Normally taken in the sophomore year, it is required of all history majors and is open to any student interested in the historical perspective.

HIST 203 CRIME AND PUNISHMENT IN AMERICA (3) Prerequisite:

HIST 101 & 102, or permission of the instructor. The course is an overview of changing attitudes concerning legal and extralegal issues in crime and law enforcement in America. Among the issues it will address will be the roles of race, gender, religion, ethnic origin, and sexuality in the interplay of cultural and legal perceptions in defining, policing, and punishing crimes. It may include such topics as: punishment of chattel slaves and penal servitude in the 18th and 19th centuries, the use of chain gangs and prison farms in the 19th and 20th centuries, rise of the ethnic gangs in the 19th and 20th centuries, the use of civil disobedience in the 20th and 21st centuries, and the rise of anarchism and terrorism in the 19th and 20th centuries.

HIST 216 MODERN JAPAN (3) Prerequisite: HIST 101-102 or consent

from instructor. This course will deal with the socio-political and historical development of Japan during the period between 1600 and 2000. An examination of the changing economic and political patterns affecting class, ethnic and gender relations will be the primary foci. All of this will be studied in the context of Japan's interactions with both its Asia-Pacific neighbors and the West in order to understand the contemporary place of Japan in the modern world.

HIST 243 CONTEMPORARY AFRICA (3) Prerequisite: HIST 101-102

or consent from instructor. This introduction to Africa from an interdisciplinary perspective includes geography, history, social structure, political development, and culture. Themes include the impact of colonial-

ism and African nationalism, the role of women in society, the quest for social justice, leadership and politics since independence, and the role of Africa in world affairs.

HIST 255 **AMERICA TO 1877 (3)** *Prerequisite: HIST 101-102 or consent from instructor.* This course deals with the founding American colonies, their growth and eventual break with England that led to the establishment of the republic. Subsequent topics include Federalism, Jacksonian Democracy, Slavery and Sectionalism, the Civil War, and Reconstruction.

HIST 256 **AMERICA SINCE 1877 (3)** *Prerequisite: HIST 101-102 or consent from instructor.* This course examines the changes that have redefined American life since the 1870s. Special attention is given to the impact of industrialization and urban development, and the emergence of the United States as an international power. Issues of gender, race, class, and family are explored through class discussion, role plays, and debates. Special attention is given to local manifestations of larger historical developments such as war, politics, and social change.

HIST 275 **LATIN AMERICAN HISTORY (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course examines the history of the Spanish and Portuguese-speaking countries of Latin America from the colonial period to present-day, with a brief overview of pre-Columbian civilizations. Major themes will include the Iberian legacy, the role of the Catholic Church, cultural development, social and political evolution, and changing economic contexts. Modern issues to be examined include social hierarchies, revolutionary movements, periods of dictatorship, and the history of democratic change in the region.

HIST 301 **THE RISE OF THE AMERICAN CITY (3)** *Prerequisites: HIST 101 -102 or consent from instructor.* This course examines the changes in the functions of the city in American society and the transformation of urban life from the colonial period to the present. Topics include America's evolution from an agricultural to an urban society, the impact of industrial and transportation technologies as well as migration on the city, and the redefinition of urban politics.

HIST 303 **THE ANTEBELLUM SOUTH (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course is a study of all aspects of Southern life and civilization from the colonial period to secession.

HIST 305 **ENGLAND TO 1603 (3)** *Prerequisite: Prerequisites: HIST 101-102 or consent from instructor.* This course traces the development of England as a state from the Roman invasions through the Middle Ages to the early modern period, including the origins of Parliament and the Common Law, and England's turning to the sea in the age of Elizabeth I.

HIST 306 **ENGLAND SINCE 1603 (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course covers the struggle between King and Parliament, the Glorious Revolution, the duel with France, and the Empire and the Pax Britannica.

HIST 311 **MEDIEVAL CULTURE (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course covers the breakup of the Roman Empire, development of feudal institutions, growth of the Church, rise of towns, the development of commerce, political theory, art, music, and literature.

HIST 312 **RENAISSANCE AND REFORMATION (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course presents the flowering of art, literature, music, and science; the emergence of the sovereign state; and the religious crisis of the sixteenth century.

HIST 322 **EUROPE SINCE 1914 (3)** *Prerequisite: HIST 101-102 or consent from instructor.* In this course the diplomatic approach is utilized with emphasis on the interaction of the major European nations (and the United States after World War II) as they deal with the realignment of power after World War I, the rise of Nazism, the expansion of Communism into Eastern Europe after World War II, the emergence of the European Union, and the fall of the Berlin Wall.

HIST 323 **GREEK CIVILIZATION (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This consideration of all phases of Greek achievement places special attention on intellectual and artistic accomplishments and Greek historical writing.

HIST 324 **ROMAN CIVILIZATION (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course is a survey of Rome's political, social, economic, and cultural history as a background for our culture today.

HIST 330 **AMERICAN MILITARY HISTORY (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course is a survey of the military in American history from the Revolution to the present.

HIST 333 **THE CIVIL WAR AND RECONSTRUCTION (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course examines the period 1850-1877 including the causes and consequences of the war, the major battles, the changes in political parties, and the attempt to provide constitutional protection for the freedmen.

HIST 336 **AMERICAN SOCIAL HISTORY (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course is an examination of the experience of Americans in such social contexts as gender roles, family, work, and leisure from the Colonial period to the present. The impact of historical factors on American attitudes and lifestyles are of particular interest.

HIST 338 **ENGLAND UNDER THE TUDORS (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course is a study of the evolution of English institutions and culture from the time of national renewal under Henry VII to the glorious reign of Elizabeth I.

HIST 339 **ATLANTIC WORLD IN THE SEVENTEENTH CENTURY (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course is a study of England and her American colonies in the century that saw the genesis of the British Empire as well as the Civil Wars and the Revolution of 1688.

HIST 340 **ATLANTIC WORLD IN THE EIGHTEENTH CENTURY (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This study of Great Britain and America in the age of enlightenment and revolution emphasizes the institutions that first bound the British Empire together but eventually tore it apart.

HIST 341 **AGE OF COURTS AND KINGS (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course is a survey of modern Europe from the death of Philip II of Spain in 1598 to the fall of the ancient regime in France in 1789 with particular emphasis on the expansion of European civilization and its transformation by the scientific and intellectual revolutions.

HIST 342 **FROM REVOLUTION TO ARMAGEDDON (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course focuses on the emergence of a new Europe during the French Revolution and its steady progress until the tragedy of World War I.

HIST 343 **APARTHEID, DIAMONDS, AND THE RAINBOW NATION: SOUTH AFRICA PAST AND PRESENT (3)** *Prerequisite: HIST 101-102 or equivalent.* This course focuses on the social, political cultural and economic life of contemporary South Africa and its changing role in the world, all set in the context of its history and character as a 'Rainbow Nation.' Students will consider South Africa's prospects for establishing a multiracial democracy while facing a host of social and economic challenges: unemployment, crime and violence, and an HIV/AIDS epidemic that threatens social cohesion.

HIST 344 **HISTORY OF WOMEN IN THE AMERICAS (3)** *Prerequisites: HIST 101-102 or equivalent.* The course will use the lives of women in order to understand the shared American experience, as well as to determine which factors make each region of the Americas unique. Students will explore the historical forces that created "the Americas," focusing on the commonalities and differences of the North American and Latin American regional histories. Students will look at transnation-

al movements such as the abolitionism and feminism as well as Latin American responses to the U.S. and its policies.

HIST 347 **AFRICAN-AMERICAN HISTORY TO 1865 (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course details the history of African Americans from their first arrival in 1619 to the end of the Civil War. Topics include fifteenth century explorations by Blacks, West African capture and slavery, Black impact on the development of American culture and society, and the way mainstream and revisionist scholars have treated these subjects.

HIST 348 **AFRICAN-AMERICAN HISTORY FROM 1865 TO PRESENT (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course is a study of African Americans in the United States from the Civil War to the present. Themes include economic and social development, relationship with the Federal Government, and the evolution of varying political, literary, and philosophical thought, including that of Booker T. Washington, W.E.B. DuBois, Marcus Garvey, A. Philip Randolph, Dr. Martin Luther King Jr., Malcolm X, Thomas Sowell, and Derrick Bell.

HIST 370 **DIPLOMATIC HISTORY OF THE UNITED STATES (3)** *Prerequisites: HIST 101-102 or consent from instructor.* This course traces the history of American foreign relations from the Revolutionary period to the present within the context of national development and world politics.

HIST 375 **HISTORY OF LOVE, SEX, AND THE FAMILY IN MODERN LATIN AMERICA (3)** *Prerequisites: HIST 101-102 or equivalent.* This course will examine the historical forces that affect the role definitions, institutions, and behaviors related to gender relationships, love and courtship, the formation of families (formally through marriage or informally through cohabitation), and sexual expression in Latin America from the 1870's to the present. Students will also examine the intersections of gender with class and race, to see how society has used these social constructions to create and reinforce hegemony.

HIST 377 **STUDY ABROAD IN HISTORY (3)** *Prerequisites: HIST 101-102 or equivalent.* Through travel to another country, this course provides the student the opportunity to study the historical, political, economic, social, and cultural development of that country and compare it with the development of the United States.

HIST 380 **AMERICA IN THE 1960s (3)** *Prerequisites: HIST 101-102 or equivalent.* This course addresses some of the problems, potentials, and legacies of the 1960s by sampling the opinions of historians and contemporary observers about such issues as the women's movement, the civil rights movement, the Kennedy and Johnson presidencies, the counter culture, New Left, and Vietnam.

HIST 397 **INDEPENDENT STUDY IN HISTORY (1-3)** *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

HIST 398 **SPECIAL TOPICS IN HISTORY (1-3) [credit depends on topic]** *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

HIST 399 **INTERNSHIP IN HISTORY (1-6)** *Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator and supervising faculty prior to registration.* An internship is a planned work experience for academic credit under the supervision of a qualified professional who is responsible for professional performance and a faculty sponsor who is responsible for academic quality and who assigns the final grade. (See "Internships.")

HIST 402 SEMINAR IN HISTORY (3) *Prerequisites: HIST 200 and senior standing or consent of instructor.* In this course the students prepares a research paper in history on a topic to be chosen by the student in consultation with the instructor.

HONORS COURSES (HONR)

HONR 100 FRESHMAN SEMINAR: THE HONORS EXPERIENCE (1)
This course prepares students for the honors experience by providing them with essential skills needed to function effectively as members of a living and learning community.

HONR 103 ADVANCED ENGLISH COMPOSITION (3) This course emphasizes the process of writing in which students produce a range of expository essays. Students' writing and reading skills are refined through the close analysis of selected texts and careful editing of student writing.

HONR 111-112 HUMANITIES SEMINAR (3,3) These seminars explore topics in Western civilization from an essentially historical perspective including consideration of questions relating to political stability, war and revolution, economic development, social conditions, and significant ideas and movements in the arts, sciences, philosophy, and religion. First semester generally comprises studies from the ancient Near East, Greece, and Rome through the Middle Ages and the Renaissance. Second semester treats topics from the Age of Discovery and the Reformation through the French Revolution and Napoleonic Wars, the Industrial Revolution, and the twentieth century.

HONR 121 MATHEMATICS SEMINAR (3) This overview of the fundamentals of mathematics includes selected topics such as symbolic logic, elementary set theory, theory of numbers, inductive and deductive reasoning, analysis of algorithms, geometry, probability, calculus, and mathematical foundations of computer science.

HONR 131 SOCIAL SCIENCE SEMINAR (3) This course is an inter-disciplinary analysis of economic, political, and social issues including issues related to methods of social research.

HONR 211 HUMANITIES SEMINAR (3) This course is a comparative study of selected texts from world literature that provides students with multiple perspectives on significant human issues.

HONR 212 HUMANITIES SEMINAR (3) This seminar examines major schools of philosophy and/or major religious traditions with discussion of varied specific topics within these disciplines.

HONR 221 FINE ARTS SEMINAR (3) This seminar provides interdisciplinary inquiry into the processes of imagination and artistic creation, relationships among the visual and performing arts, and the social and cultural values of the fine arts.

HONR 233-234 SCIENCE SEMINAR (4, 4) Three hours lecture and two hours laboratory. This two-course sequence presents an integrated approach to the study of the sciences. Seminars focus on the principles that form a seamless web of knowledge about the natural universe. Students gain an understanding of the scientific process and will learn to read and appreciate popular accounts of major discoveries in the sciences.

HONR 341, 342, 343, 344, 345, 346 HONORS COLLOQUIUM (3) Thematic colloquia are organized around artistic, philosophical, scientific, and other issues in areas such as war and peace, tyranny and freedom, poverty and wealth, and faith and morals. Recent colloquia include "The Film Maker as Philosopher," "The Challenge of Economic Change After Communism," "Probability and Reality," and "Re-thinking American Literature."

HONR 397 **INDEPENDENT STUDY IN HONORS (1-3)** *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

HONR 398 **SPECIAL TOPICS IN HONORS (1-3) [credit depends on topic]** *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

HONR 435-436 **HONORS SYMPOSIUM (1,1)** *Corequisite: G S 435-436.* Students in Honors Symposium enroll in the regular Senior Symposium (GS 435-436) and attend the lectures and a discussion section with the other students in that class. They then meet separately for an additional hour of discussion.

HONR 451-452 **SENIOR HONORS PROJECT (3,3)** An approved project must be developed with a faculty advisor and evaluated with the aid of a three-person faculty committee that includes the advisor and an instructor from outside the project's discipline. Each project must meet the guidelines of the Westover Program's "Policy on the Senior Honors Project." All students must complete a minimum of three hours of Senior Honors Project. Students are encouraged to pursue a project in their major discipline, although interdisciplinary projects are acceptable if approved by the advisor. Enrollment in the senior honors project for six hours credit ordinarily requires one project of appropriate depth to necessitate a full year of attention or two individual projects credited at three hours each.

INTERNATIONAL RELATIONS COURSES (INTL)

INTL 101 **GLOBAL POLITICS IN THE NEW MILLENNIUM (3)** This course is an introduction to the study of interstate relations in the post-Cold War era. Emphasis is on global policy making with respect to issues of global concern. Special attention is paid to global environmental issues, human rights, globalization of the international economy, and the promotion of global peace and security.

INTL 213 **WORLD REGIONAL GEOGRAPHY (3)** This course is a study of the earth in terms of the cultural, environmental, historic, economic, and organizational qualities of its human inhabitants.

INTL 321 **RESEARCH METHODS IN INTERNATIONAL RELATIONS (3)** *Prerequisites: INTL 101, 213.* This course provides an introduction to research methods and writing in international relations, covering such concepts as hypothesis, research designs, and techniques of qualitative and quantitative data analysis.

INTL 377 **STUDY ABROAD (1-6)** *Prerequisite: Consent of the instructor.* This course provides students with the opportunity to study principles of international relations in foreign settings.

INTL 397 **INDEPENDENT STUDY IN INTERNATIONAL RELATIONS (1-3)** *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

INTL 398 **SPECIAL TOPICS IN INTERNATIONAL RELATIONS (1-3) [credit depends on topic]** *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

INTL 399 INTERNSHIP IN INTERNATIONAL RELATIONS (1-6)

Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator and supervising faculty prior to registration. Internships in international relations may be arranged with the U.S. Department of State (either in Washington, D.C. or at a U.S. Embassy abroad), with other U.S. Government agencies having an international orientation, certain types of Congressional positions having a foreign policy connection, international agencies (governmental or private), and businesses with significant international operations. (See "Internships.")

INTL 400 SENIOR THESIS IN INTERNATIONAL RELATIONS (3)

Prerequisite: INTL 321. The senior thesis is designed to be a capstone course in which the student, working under the supervision of an International Relations faculty member, designs and executes a research program in some aspect of international relations. The course culminates with the writing and presentation of a formal research paper.

LATIN COURSE (LATN)

Students who enter Lynchburg College directly from high school, and who have had two years of a foreign language in high school, may qualify for enrollment at the intermediate level if they wish to continue with the same language.

LATN 101 ELEMENTARY LATIN I (3) This is the first part of a two-course sequence in basic Latin. The course covers vocabulary and fundamentals of Latin grammar with simple sentence translation and composition, together with aspects of Roman culture, including history and daily life. Placement in this course will be determined by score range on the Latin Placement Test required of all students wishing to register for Latin at Lynchburg College.

LATN 102 ELEMENTARY LATIN II (3) This is the second part of a two-course sequence in basic Latin. The course continues the study of vocabulary and Latin grammar from Elementary Latin I, with simple passage translation and composition, together with aspects of Roman culture and history. Placement in this course will be determined by score range on the Latin Placement Test required of all students wishing to register for Latin at Lynchburg College.

LATN 201 INTERMEDIATE LATIN (3) *Prerequisites: LATN 101-102, or equivalent.* (Each student's level is determined by a placement test that is given at the beginning of the course.) This course reviews Latin grammar and intensive reading. This course brings students to the novice high/intermediate low level (ACTFL Guidelines).

LATN 397 INDEPENDENT STUDY IN LATIN (1-3) *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

LATN 398 SPECIAL TOPICS IN LATIN (1-3) [credit depends on topic]
Prerequisite: A background of work in the discipline or prior consent of instructor. This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

MANAGEMENT COURSES (MGMT)

MGMT 244 OPERATIONS MANAGEMENT (3) *Prerequisite: BUAD 241.* This course introduces production and operations functions in business. Topics include forecasting, plant location, transportation models, inventory models, scheduling techniques, just-in-time, and other application uses for quantitative methodology.

MGMT 260 **PRINCIPLES OF MANAGEMENT AND ORGANIZATIONAL BEHAVIOR (3)** This course studies the common activities of managers and includes planning, problem solving, organizational theory and application, direction of personnel utilizing organizational behavior theories, and control principles and their application.

MGMT 310 **MANAGEMENT INFORMATION SYSTEMS (3)**
Prerequisite: MGMT 260. This course examines information systems from a management perspective and surveys key topics of information systems including: computer software, hardware, communications, examples of applications, and information systems planning.

MGMT 362 **HUMAN RESOURCE MANAGEMENT (3)** This introduction to personnel administration includes selection and training of personnel, wage administration, communication and motivation of employees, personnel policies and methods, and recent trends in employment practices.

MGMT 363 **MANAGING DIVERSITY WITHIN ORGANIZATIONS (3)**
This course introduces students to diversity in organizations, focusing on three levels of analysis: organizational, team, and individual. The intent is to assist students, as future managers, to lead a diverse workforce and to manage diversity as a business strategy. The course is designed to develop both individual and organizational competencies for managing diversity through the medium of different theories, approaches, and images. Students will survey theory, research, and practices associated with diversity. The course will supplement assigned readings with exercises, case studies, debates, and simulations to improve student's analytical and reasoning skills.

MGMT 377 **STUDY ABROAD: INTERNATIONAL MANAGEMENT (3)**
Prerequisite: MGMT 260. This course offers students the opportunity to study management challenges associated with business activity in foreign settings. It aims to provide students with knowledge, understanding, and skills that will help them manage more effectively in an international environment.

MGMT 397 **INDEPENDENT STUDY IN MANAGEMENT (1-3)**
Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing. This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

MGMT 398 **SPECIAL TOPICS IN MANAGEMENT (1-3) [credit depends on topic]** *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

MGMT 399 **INTERNSHIP IN MANAGEMENT (1-12)** *Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator and supervising faculty prior to registration.* Internships are offered in cooperation with a member of the management faculty who is responsible for holding a weekly class meeting and assigning the final course grade. Student interns may or may not be paid for their work. (See "Internships.")

MGMT 421 **ORGANIZATIONAL CHANGE AND DEVELOPMENT (3)**
Prerequisite: MGMT 260. This course is designed to help students understand how to manage in times of profound change and innovation. This course develops an in-depth understanding of key concepts in organizational development and change. It focuses on developing the diagnostic skill necessary for effective management of organizational change. The course explores different intervention approaches, including, but not limited to, human processes, technostructural, human resource management, and strategic interventions.

MGMT 470 **ADVANCED TOPICS IN MANAGEMENT (3)** *Prerequisite: BUAD 322, ECON 201-202, FIN 317, MGMT 244, 260, 362, MKTG 309.* This capstone course develops forecasting, decision making, planning, and control for general managers. Students will learn and apply the tools and techniques required to construct useful scenario descriptions and make effective decisions under

conditions of either uncertainty or risk. Students will design the organizational structures and processes required to pursue opportunities and/or solve problems, and design the measures and control processes necessary for effectively guiding subsequent efforts.

MARKETING COURSES (MKTG)

MKTG 309 PRINCIPLES OF MARKETING (3) Prerequisites: *ACCT 201 and ECON 201. Strongly recommended: junior standing.* This course provides a comprehensive study of the structure and function of marketing systems in the firm, the economy, and society. The course develops the analysis of target markets, the assessment of the firm's external environments, and the management of marketing practices both domestically and internationally.

MKTG 371 MARKET RESEARCH (3) Prerequisites: *BUAD 241 and MKTG 309.* This quantitative course provides students with the tools and knowledge required to acquire data in product development or product management situations, to analyze the data appropriately, and to generate useful recommendations on the basis of their analysis.

MKTG 372 SALES AND SALES MANAGEMENT (3) Prerequisite: *MKTG 309.* This course examines direct sales environments with an emphasis on industrial goods selling. Students develop personal selling skills in concert with an understanding of buyer needs and requirements as expressed in the buying motion. Other topics include sales strategy development, organizational design, performance evaluation, compensation, and territory administration.

MKTG 374 RETAILING AND MERCHANDISING (3) Prerequisite: *MKTG 309.* This study of distribution systems management emphasizes retail store management. Topics include location decisions, layout, service, strategy, product mix, pricing, purchasing and stocking, and local advertising.

MKTG 375 CONSUMER AND BUYER BEHAVIOR (3) Prerequisite: *MKTG 309.* This course is an interdisciplinary approach to the analysis and application of psychological, social, and cultural influences on the behavior of consumers and organizational buyers. The interrelationships of marketing actions and buyer behavior are analyzed with the goal of making effective marketing decisions.

MKTG 377 STUDY ABROAD: INTERNATIONAL MARKETING (3) Prerequisite: *MKTG 309.* This course focuses on marketing challenges associated with business activity across national boundaries. It aims to provide students with the knowledge, understanding, and skills that will help them market more effectively in an international environment. Included in this course is a field study experience in a foreign country.

MKTG 379 MARKETING COMMUNICATIONS (3) Prerequisite: *MKTG 309.* This course is an intensive examination of the roles of advertising, personal selling, sales promotion, and public relations in product or service marketing efforts. Topics include theme selection, copy and artwork preparation, media selection, performance analysis, budgeting, and other areas relevant to promotion.

MKTG 380 SERVICES MARKETING (3) Prerequisite: *MKTG 309.* The course examines dimensions of the services sector, including the structural differences between services and consumer/industrial products. It explores service marketers' difficulties in using traditional marketing concepts and focuses on new marketing approaches for service sectors in the information age economy.

MKTG 397 INDEPENDENT STUDY IN MARKETING (1-3) Prerequisites: *Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

MKTG 398 **SPECIAL TOPICS IN MARKETING (1-3) [credit depends on topic]** *Prerequisites: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

MKTG 425 **E-MARKETING (3)** *Prerequisite: MKTG 309.* This course focuses on the theory and applications of online/Internet based business strategies. The course is designed to introduce the student to the current trends and aspects of developing a business on the Internet. The topics to be covered include, but are not limited to: basic development and implementation issues of an online business, registering and promoting an online business, legal issues associated with an online business, design issues associated with a web site, user-based issues, and current issues within the realm of online business and the consumers.

MKTG 451 **MARKETING MANAGEMENT (3)** *Prerequisites: MKTG 371, 375.* This course focuses on the application of problem-solving in the area of marketing management. Emphasis is placed upon the analysis of markets, planning the marketing effort, management of the marketing organization, and control of marketing operations. This course is taught using the case method and/or computer simulation.

MATHEMATICS COURSES (MATH)

MATH 102 **PRECALCULUS (3)** *Prerequisite: At least two years of high school algebra.* This course includes the study of a variety of functions and their graphs and transformations, including linear, quadratic, rational, polynomial, logarithmic, exponential and trigonometric functions. The study of trigonometry will include both the right triangle and the unit circle approach. The course is intended to strengthen the algebra and trigonometry skills required for the study of calculus.

MATH 103 **CALCULUS I (3)** *Prerequisite: MATH 102 or equivalent.* This course introduces the student to elementary differential calculus with applications.

MATH 104 **CALCULUS II (3)** *Strongly Recommended: MATH 103 or equivalent.* Differential and integral calculus of single variable transcendental functions, methods of integration, and applications are studied.

MATH 105 **PROBLEM SOLVING IN MATHEMATICS (3)** This course introduces students to the true nature of mathematics, what mathematicians really do, how they think, and what they try to accomplish. The focus is on using quantitative reasoning and intuitive logical thought techniques to solve problems rather than formal rigid processes. Selected topics may include, but are not limited to, number estimation, number theory, probability, mathematical modeling, regression, infinity, strange geometries, chaos and fractals, and famous math problems. This course meets the general education mathematics requirement.

MATH 106 **LIBERAL ARTS MATHEMATICS (3)** This course introduces the student to the language and modeling capabilities of mathematics by providing a broad overview of several different fields of mathematics including logic, linear algebra, probability, statistics, and the mathematics of finance with the purpose of developing an appreciation of the extent and usefulness of those ideas in our ordinary lives.

MATH 117 **INTRODUCTION TO SCHOOL MATHEMATICS I (3)** *Prerequisite: MATH 102 or demonstration of the knowledge of MATH 102, and 106.* A grade of "C" or higher in MATH 106 is highly recommended. This course covers key topics in school mathematics including an introduction to the central concepts of pre-secondary mathematics and the National Council of Teachers of Mathematics (NCTM) recommended standards. Topics include problem-solving methodologies, sets, elementary number theory, arithmetic of the whole and rational number systems, and pedagogy. This course may not be used to satisfy any of the requirements for the mathematics minor.

MATH 118 INTRODUCTION TO SCHOOL MATHEMATICS II (3)

Prerequisite: MATH 117 or equivalent. This is a continuation of MATH 117 and covers the basic concepts and operations of real numbers as well as various selected topics in mathematics from the recommended Standards of the National Council of Teachers of Mathematics (NCTM) and the PRAXIS exam. Topics include number theory, geometry and measurement, probability, and statistics. This course may not be used to satisfy any of the requirements for the mathematics minor or major.

MATH 211 CALCULUS III (3) *Prerequisite: MATH 104 or equivalent.*

Polar coordinates, infinite series and sequences, multivariable calculus, partial differentiation, multiple integration, three-dimensional analytic geometry and applications are studied.

MATH 222 INTRODUCTORY STATISTICS (3)

This is an introductory statistics course without a calculus prerequisite. Topics include probability, samples, distributions, sampling theory, estimation, hypothesis testing, two-sample tests, Chi-square and contingency tables, regression and correlation, analysis of variance, and decision theory.

MATH 231 THE MATHEMATICS OF COMPUTER SCIENCE (3)

This course introduces the theoretical and mathematical foundations of computer science. Topics include sets, summations and limits, number systems, mathematical induction, logic and Boolean algebra, probability and statistics, automata and grammars, combinatorics, and graph theory.

MATH 260 MATHEMATICAL REASONING AND PROOF (3)

Prerequisite: MATH 104 or the consent of the instructor. This course is an introduction to mathematical reasoning as exemplified in the proof methodology inherent to formal mathematics. This course will include a formal study of logic and the different methods of proof and then use examples from various branches of mathematics to illustrate these ideas. Fields from which the examples will be taken include, but are not limited to, set theory, cardinality, relations and order, functions, elementary group theory, and elementary combinations.

MATH 301 DIFFERENTIAL EQUATIONS (3) *Strongly Recommended:*

MATH 211. This course focuses on existence and uniqueness theorems; first order equations; linear, homogeneous, and non-linear equations; transform methods; numerical methods; and series solutions.

MATH 304 COLLEGE GEOMETRY (3) *Prerequisite: MATH 104.*

This course covers the important aspects of Euclidean Geometry including topics involving angles, triangles, parallel and perpendicular lines, circles, polygons, similarity, areas, volumes, as well as various selected topics in mathematics from the recommended Standards of the National Council of Teachers of Mathematics (NCTM) and the PRAXIS II exam. It is also intended to give students further exposure to the art of formal proof writing in a setting where many steps of the proof can be displayed and explained visually.

MATH 307 LINEAR ALGEBRA (3) *Strongly recommended: MATH 260.*

This course provides a study of linear transformations over vector spaces covering vectors, vector spaces, matrices, determinants, systems of linear equations, and linear transformations.

MATH 310 HISTORY OF MATHEMATICS (3) *Corequisite: MATH 260 or*

permission of instructor. This course will introduce students to mathematics from a historical perspective. Course topics will include number theory, algebra, geometry and calculus.

MATH 311 PROBABILITY THEORY (3) *Prerequisite: MATH 104.*

This course introduces mathematical probability theory using an axiomatic approach and considering numerous applications.

MATH 313 COMPLEX VARIABLES (3) *Prerequisite: MATH 211.*

This course examines properties of complex numbers; elementary functions of a complex variable; complex derivatives and analytic functions; mappings; definite and indefinite integrals; Cauchy's theorem and integral formulas; Taylor and Laurent expansions; singular points and the residue theorem; conformal mapping with applications.

MATH 451 SENIOR PROJECT (3) *Prerequisites: Senior standing and at least three mathematics courses numbered 300 or higher.* This course serves as a capstone for those students with a major in mathematics. The student does an intensive study of a mathematics topic of his/ her choice under a supervising professor. This study must involve a synthesis of available material on the topic including (but not limited to): traditional books, journal articles, and web-based materials. The student must write a research paper on the topic and present it to a faculty committee.

MUSEUM STUDIES COURSES (MST)

MST 101 INTRODUCTION TO MUSEUM STUDIES (3) This course is a survey of the history, mission, methods, contemporary applications, and future roles of museums. Slides, text, and additional readings comprise the primary teaching aids, and the Daura Gallery is used as a teaching resource as well. Field trips are made to museums, especially those with disciplines other than art, to provide an understanding of all types of museums including art, material culture, natural history, anthropology, and historical sites.

MST 201 CURATORIAL PRACTICES (3) This course focuses on the identification and understanding of tangible objects within the historical perspective, their relevance and use by museums of all types, and the application of curatorial methodology and care of collections. Historical, artistic, decorative, and scientific objects will be examined for authenticity, composition, history, and value. The Daura Gallery will be used as a teaching resource.

MST 301 LEGAL AND ETHICAL ISSUES IN MUSEUMS (3) This course examines the ethical and legal issues of governance, administration and collections management facing museums in the new millennium. LCSR.

MST 302 MUSEUMS IN THE PUBLIC DIMENSION (3) *Prerequisites: MST 101, or permission of the instructor.* A course focusing on the theory and practice of museum education, exhibitions, and programming. As part of this course, students will curate an exhibition for the Daura Gallery. LCSR.

MST 377 STUDY ABROAD/INTERNATIONAL MUSEUMS (3) *Prerequisite: MST 101, or permission of the instructor.* This course is a specialized program for museum studies students to study abroad at museums in Europe, Asia, Australia, New Zealand, Africa, North America outside the U.S., or South America. Students will examine issues of cultural patrimony, and the similarities and differences between missions, collections, exhibitions, and public services of museums throughout the world.

MST 397 INDEPENDENT STUDY IN MUSEUM STUDIES (1-3) *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

MST 398 SPECIAL TOPICS IN MUSEUM STUDIES (1-3) [credit depends on topic] *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

MST 399 INTERNSHIP IN MUSEUM STUDIES (1-12) *Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator, and supervising faculty prior to registration.* This internship in a museum, gallery, historic site, or science center must be appropriately related to the student's major and career objectives. (See "internships").

MUSIC COURSES (MUSC)**APPLIED MUSIC**

Private instruction in applied music is available to all students. All work is adapted to the ability and needs of the individual student. An extra, non-refundable fee is required. For music majors whose applied lessons are in the area of their projected senior project, e.g., voice lessons toward a senior voice recital, the College will waive the lesson fee. Private lessons are courses that may be required of students to meet proficiency standards. Lessons begin in the second complete week of classes each semester. Normally, students will receive one lesson each week for thirteen weeks each semester. Private lessons are listed as "TBA" by the Office of the Registrar. The student will arrange his/her lesson time. There is no overload fee for any of the applied music courses (001-010).

MUSC	001	Piano (.5 or 1)
MUSC	002	Organ (.5 or 1) The beginning student in organ must display technical proficiency at the piano to the satisfaction of the instructor.
MUSC	003	Voice (.5 or 1)
MUSC	004	Woodwind (.5 or 1)
MUSC	005	Brass (.5 or 1)
MUSC	006	Percussion (.5 or 1)
MUSC	007	Strings (.5 or 1)
MUSC	008	Composition (.5 or 1)
MUSC	010	Guitar (.5 or 1)

MUSIC ENSEMBLES

College music ensembles are available to all students. Overload fees, if applicable, are waived by the College for any ensemble participation.

MUSC 016 PERCUSSION ENSEMBLE (1) The purpose of this organization is to develop ensemble techniques by studying and performing both standard and contemporary percussion literature. The ensemble is open to all students and faculty/staff members of Lynchburg College as well as interested community members. An audition is required. Repeatable for credit.

MUSC 017 BRASS ENSEMBLE (1) The purpose of this organization is to develop ensemble techniques by studying and performing both standard and contemporary brass literature. The ensemble is open to all students and faculty/staff members of Lynchburg College as well as interested community members. An audition is required. Repeatable for credit.

MUSC 018 ORCHESTRA (1) The Lynchburg Symphony Orchestra is composed of both professional and qualified non-professional musicians from the Lynchburg area. The ensemble rehearses weekly and performs several times a year both in classical and pops concerts. Major works in the orchestral literature are studied and performed and ensemble techniques developed. Available to qualified students by audition.

MUSC 019 CHAMBER MUSIC ENSEMBLE (1) This is an opportunity to be involved with the smaller, more intimate forms of music called chamber music. Instrumentalists and vocalists may create their own ensembles, which may include duo-piano or accompanying, but must meet two hours a week with music faculty supervision. Singers must have an ensemble with two or more instruments. Involvement must include a public performance each semester and, if one ensemble member is a music major, an appearance before the music faculty at the end of the semester.

MUSC 020 JAZZ ENSEMBLE (1) An eighteen-piece ensemble comprised of saxophones, brass, percussion, and guitars. Membership is selected from the Wind Ensemble and/or by audition for interested students, faculty and staff members, alumni, and community musicians.

MUSC 021 WIND SYMPHONY (1) The purpose of this organization is to develop ensemble techniques, music reading ability, and general musicianship and to acquaint students

MUSC 306 FORM AND ANALYSIS (3) *Prerequisite: MUSC 205.* This course is a study of the structure of musical composition from the basic components to large composite units.

MUSC 307 COUNTERPOINT (3) *Prerequisite: MUSC 205.* This course studies contrapuntal styles of the sixteenth and eighteenth centuries.

MUSC 308 TWENTIETH CENTURY MUSIC AND THEORY (3) *Prerequisite: MUSC 205.* This course is an in-depth study of the music and theory of the twentieth century.

MUSC 363 MUSIC IN ELEMENTARY AND SPECIAL EDUCATION (3) *Prerequisite: MUSC 105.* This course provides materials and methods for pre-kindergarten through elementary school and for special populations in public schools and special settings.

MUSC 364 FIELD EXPERIENCE I (LAB)-MUSIC IN ELEMENTARY AND SPECIAL EDUCATION (1) *Corequisite: MUSC 369.* This lab experience is designed to provide opportunities for application of pedagogical theories and techniques in the music classroom in elementary school.

MUSC 365 MUSIC IN SECONDARY EDUCATION (3) *Prerequisite: MUSC 105.* This study of the philosophy of music education and the principles and techniques of teaching music in the secondary school offers observation, demonstration, and individual guidance in the areas of vocal, instrumental, and general music.

MUSC 366 FIELD EXPERIENCE II (LAB)-MUSIC IN SECONDARY EDUCATION (2) *Corequisite: MUSC 360.* This lab experience is designed to provide opportunities for application of pedagogical theories and techniques in the music classroom in secondary school.

MUSC 397 INDEPENDENT STUDY IN MUSIC (1-3) *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

MUSC 398 SPECIAL TOPICS IN MUSIC (1-3) [credit depends on topic] *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

MUSC 399 INTERNSHIP IN MUSIC (1-12) *Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator, and supervising faculty prior to registration.* This course is a practical application of music in the professional world. Possible areas include music management, music merchandising, church music, music in the theatre, and music in some private educational settings. (See "Internship.")

MUSC 402 SENIOR SEMINAR IN MUSIC PERFORMANCE (2) *Prerequisites: MUSC 306 and permission of the program coordinator.* This course introduces performance and analysis techniques in music with links to literature performed in senior recital for music performance and music education emphasis students. This course involves a substantial amount of oral presentation by students, in addition to writing program notes for the senior recital. This course will culminate with the performance of a senior recital.

MUSC 403 SENIOR SEMINAR IN MUSIC THEORY/COMPOSITION (2) *Prerequisites: MUSC 307, 308, and permission of the program coordinator.* This course introduces research techniques and analysis techniques in music with links to the senior project for music theory/composition emphasis students. This course will culminate with the performance of a senior recital.

MUSC 460 **STUDENT TEACHING IN MUSIC (12)** *Prerequisite:* *Permission of the program coordinator.* This course is a culminating, full-time, supervised field experience at two levels of music instruction, for a minimum of 200 hours of "in charge" teaching. Vocal/general or instrumental classes are assigned to satisfy the desired endorsement area. Bi-weekly support team meetings with fellow student teachers, College supervisor, and clinical faculty consider such issues as planning, classroom, management, and interaction with parents. Required for music teacher licensure.

NURSING COURSES (NRSG)

NRSG 223 **CONTEMPORARY PROFESSIONAL NURSING PRACTICE (3)** This course introduces the student to concepts, theories, and standards of nursing practice in today's evolving health care systems. Critical thinking is examined as a basis for decision-making in nursing and emphasis is placed on developing therapeutic nursing interventions and communication skills. Laboratory learning activities provide the student opportunities to practice and demonstrate skill proficiency in a simulated setting.

NRSG 223L **CONTEMPORARY PROFESSIONAL NURSING PRACTICE LAB (1)** Three-hour skills laboratory which must be taken concurrently with NRSG 223.

NRSG 224 **NURSING OF THE OLDER ADULT (2)** *Prerequisites:* *NRSG 223/223L, Nine hours designated as NRSG prerequisites.* In this course, students use the nursing process to examine normal developmental changes in older adults. Students will provide nursing care to healthy older adults and those with alterations in health.

NRSG 224L **NURSING OF THE OLDER ADULT LAB (1)** Three-hour clinical laboratory which must be taken concurrently with NRSG 224.

NRSG 232 **HEALTH ASSESSMENT (2)** *Prerequisites:* *NRSG 223/223L, Prerequisite or concurrent BIOL 223/223L, NRSG 224/224L or consent of instructor.* In this course students are introduced to a comprehensive, systematic approach to health assessment. Students learn the components of a complete health history, including interviewing and documentation. In addition, students are introduced to the techniques of physical assessment and practice in a laboratory setting.

NRSG 232L **HEALTH ASSESSMENT LAB (1)** Three-hour skills laboratory must be taken concurrently with NRSG 232.

NRSG 310 **NURSING RESEARCH (3)** *Prerequisites:* *NRSG 331/331L and NRSG 335/335L, 336/336L.* In this course, students are introduced to the research process in nursing. Content focuses on problem identification, research design and sampling, data collection and analysis, and interpretation of findings. Selected examples of nursing research are critiqued and evaluated for application to clinical settings. Students develop the beginning skills needed to be a consumer of research.

NRSG 331 **NURSING CARE OF ADULTS EXPERIENCING ACUTE ILLNESS (2)** *Prerequisites:* *NRSG 232/232L, 224/224L.* This course focuses on care of the adult individual who is experiencing an acute illness. Students integrate the nursing process as preparation for care of individuals in acute care settings. The student functions in a variety of roles and partners with health team members to provide appropriate care to assigned clients.

NRSG 331L **NURSING CARE OF ADULTS EXPERIENCING ACUTE ILLNESS LAB (2)** Six-hour clinical laboratory must be taken concurrently with NRSG 331.

NRSG 332 **NURSING CARE OF INDIVIDUALS AND FAMILIES WITH CHRONIC ILLNESS (3)** *Prerequisites:* *NRSG 331/331L, HLTH 300/300L.* This course focuses on care of individuals and families with alterations in health. Students explore the impact of illness on individuals and families in home health and community-based settings. In addition, students examine the influence of political, economic, and social factors on the delivery of home health care.

NRS 332L NURSING CARE OF INDIVIDUALS AND FAMILIES WITH CHRONIC ILLNESS LAB (1) Three-hour clinical laboratory must be taken concurrently with NRS 332.

NRS 335 NURSING CARE OF CHILDBEARING FAMILY (3)
Prerequisites: NRS 224/224L, 232/232L. *Pre- or corequisite:* HLTH 300/300L. This course applies the nursing process to the care of well and high-risk pregnant women and their families within the context of their environment. Students will use critical thinking to explore concepts of normal pregnancy, growth and development, the childbirth process, and women with high-risk pregnancies. Theory, research, and evidence-based practice are foundations.

NRS 335L NURSING CARE OF CHILDBEARING FAMILY LAB (1)
Prerequisites: NRS 224/224L, 232/232L. *Pre- or corequisite:* HLTH 300/300L. Students apply concepts, principles, theories, and skills in the nursing care of well, acutely ill and high-risk pregnant women and their families in the hospital and community settings. Students are exposed to a wide variety of clinical skills gaining beginning practice in planning and facilitating nursing care for pregnant women and their families.

NRS 336 NURSING CARE OF CHILDREN AND FAMILIES (3)
Prerequisites: NRS 224/224L, 232/232L. *Pre- or corequisite:* HLTH 300/300L. This course applies the nursing process to the care of well, acutely and chronically ill, and special needs children and their families within the context of their environment. Emphasis is on anatomical, physiological and developmental differences among neonates, infants, children and adolescents that influence care. Theory, research, evidenced-based practice and critical thinking are foundations.

NRS 336L NURSING CARE OF CHILDREN AND FAMILIES LAB (1)
Prerequisites: NRS 224/224L, 232/232L. *Pre- or corequisite:* HLTH 300/300L. Students apply concepts, principles, theories, and skills in the nursing care of well, acutely or chronically ill children and families. In hospital and community settings, students are exposed to a wide variety of clinical skills gaining beginning practice in planning and facilitating nursing care for children and their families.

NRS 397 INDEPENDENT STUDY IN NURSING (1-3) *Prerequisites:* Approval of faculty sponsor and school dean; junior or senior standing. This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

NRS 398 SPECIAL TOPICS IN NURSING (1-3) [credit depends on topic] *Prerequisites:* A background of work in the discipline or prior consent of instructor. This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

NRS 399 INTERNSHIP IN NURSING (1-12) *Prerequisites:* Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator, and supervising faculty prior to registration. A limited number of internships are available that allow junior and senior nursing majors to have additional opportunities to work in an agency setting under direct supervision. (See "Internships.")

NRS 402 PROFESSIONAL NURSING SEMINAR (2) *Prerequisites:* Senior Standing. The student examines historical, legal, ethical, and economic factors which impact contemporary nursing practice. Students explore ways nursing professionals can impact health care delivery and policy, and analyze selected issues relevant to contemporary nursing. Strategies for transition from the role of student to professional nurse are emphasized.

NRS 407 CLINICAL MANAGEMENT (2) *Prerequisites:* NRS 310, 332/332L, 335/335L, 336/336L. In this course, students examine their roles as leaders and managers in a variety of health care settings. Concepts such as organizational theory, leadership style, change, time man-

agement, finance, quality improvement, and conflict resolution are discussed. Teaching strategies emphasize the use of student teams and computer technology to complete course objectives.

NRSG 408 CARE OF ADULTS WITH COMPLEX ILLNESSES (2)

Prerequisites: NRSG 310, 332/332L, 335/335L, 336/336L. This course prepares students to provide care to adults with moderate to severe alterations in health. Critical thinking is incorporated into written and verbal communications as students synthesize knowledge and integrate a variety of nursing skills.

NRSG 408L CARE OF ADULTS WITH COMPLEX ILLNESSES LAB (2)

Six-hour clinical laboratory must be taken concurrently with NRSG 408.

NRSG 413 COMMUNITY HEALTH NURSING (2) *Prerequisites:* NRSG

310, 332/332L, 335/335L, 336/336L. This course expands the scope of nursing care as it is provided to population groups and communities. Concepts from epidemiology, public health and nursing of aggregates are integrated into the nursing knowledge base. The influence of political, socio-economic, and environmental factors on the health of patients is examined. Students partner with other health team members to meet the health care needs of families and groups within the community. Clinical practice occurs in selected community agencies.

NRSG 413L COMMUNITY HEALTH NURSING LAB (2)

Six-hour clinical laboratory which must be taken concurrently with NRSG 413.

NRSG 414 PSYCHIATRIC MENTAL HEALTH NURSING (3)

Prerequisites: NRSG 332/332L, 335/335L, 336/336L. This course emphasizes application of concepts and theories in the care of persons with alterations in mental health. Students develop therapeutic nurse-client relationships with individuals and groups with a variety of acute and chronic problems. Clinical practice takes place in hospital and community settings.

NRSG 414L PSYCHIATRIC MENTAL HEALTH NURSING LAB (1)

Three-hour clinical laboratory must be taken concurrently with NRSG 414.

NRSG 416 SYNTHESIS PRACTICUM (2) *Prerequisites:* NRSG 407,

408/408L, 413/413L. *Satisfactory score on the Assessment Test; Prerequisite or concurrent:* NRSG 414/414L. This course emphasizes the synthesis and application of concepts, principles, and skills learned in prerequisite nursing courses. Students are given the opportunity to have intensive clinical experiences in selected clinical settings. Clinical experience is directed by faculty and supervised by clinical preceptors in a variety of clinical settings.

PHILOSOPHY COURSES (PHIL)

PHIL 100 INTRODUCTION TO PHILOSOPHY (3)

This course examines traditional philosophy problems with readings from major works in the history of Western philosophy. The basic principle of logic and major approaches to ethical decision-making are important parts of the course.

PHIL 101 INTRODUCTION TO ETHICS (3)

This course introduces moral philosophy and its application to the problems of present-day living.

PHIL 201 INTRODUCTION TO LOGIC (3)

This beginning course focuses on aspects of valid and invalid reasoning. Topics include definition, fallacious argumentation, the various uses to which language may be put, and elementary deduction.

PHIL 214 GREEK PHILOSOPHY (3) *Prerequisite:* PHIL 100, 101, or

consent of instructor. This introduction to Greek philosophy focuses primarily on Plato and Aristotle.

PHIL 215 MEDIEVAL PHILOSOPHY (3) *Prerequisite:* PHIL 100, 101, or

consent of instructor. Philosophical themes of the Middle Ages are related to the Neoplatonic and

Aristotelian traditions as they influenced major thinkers of the period. Topics include wisdom as the goal of inquiry; the relation between faith and reason; the existence of God; the nature of humanity; and the immortality of the soul.

PHIL 216 **MODERN EUROPEAN PHILOSOPHY (3)** *Prerequisite: PHIL 100, 101, or consent of instructor.* This study of seventeenth- and eighteenth-century European philosophers includes Descartes, Locke, Berkeley, Hume, and Kant.

PHIL 217 **CLASSIC AMERICAN PHILOSOPHERS (3)** *Prerequisite: PHIL 100, 101, or consent of instructor.* This course is an analysis of the philosophy writings of major American philosophers from the Pragmatic and Idealistic schools including Charles Sanders Peirce, William James, and John Dewey.

PHIL 220 **ART, TRUTH, AND VALUE (3)** *Prerequisite: PHIL 100, 101, or consent of instructor.* An introduction to the philosophy of the fine arts, this course includes an examination of various definitions of art, discussions of the value of art to society, and an analysis of emotions found in the esthetic experience.

PHIL 221 **MEANING AND EXISTENCE (3)** *Prerequisite: PHIL 100, 101, or consent of instructor.* This course examines the existential nature of human beings as they encounter and search for meaning in existence. Topics for discussion include such existential themes as authenticity, guilt, personal freedom, and the meaning of death. Course readings include the writings of theistic and atheistic existentialists.

PHIL 222 **GOD, FAITH, AND EVIL (3)** *Prerequisite: PHIL 100, 101, or consent of instructor.* This course examines philosophical problems relating to religious faith.

PHIL 223 **ETHICAL ISSUES IN BUSINESS (3)** *Prerequisite: PHIL 100, 101, or consent of instructor.* This course examines moral issues related to business, including conflicts of interest, the social responsibility of corporations, affirmative action, and preferential treatment.

PHIL 224 **ETHICAL ISSUES IN MEDICINE (3)** *Prerequisite: PHIL 100, 101, or consent of instructor.* This course analyzes moral issues related to the areas of health care such as informed consent, abortion, physician-patient relationship, and the just distribution of health care.

PHIL 225 **ENVIRONMENTAL ETHICS (3)** *Prerequisite: PHIL 100, 101, or consent of instructor.* An introduction to ethical issues and approaches concerning environmental studies. Topics to be addressed include the application of moral theory to various significant environmental issues, ethical treatment of animals, private ownership versus the common good, public policy and environmental concerns, and justice to current and future generations of humans.

PHIL 305 **PHILOSOPHY OF SCIENCE (3)** *Prerequisite: PHIL 100, 101, or consent of instructor.* This introduction to the philosophy of science includes a study of the concepts of the empirical sciences, their methods and procedures, and their philosophical implications.

PHIL 306 **KNOWLEDGE AND REALITY (3)** *Prerequisite: PHIL 100, 101, or consent of instructor.* This examination of the nature of knowledge places emphasis on the distinction between knowledge and belief, different types of knowing, the problem of skepticism, the role of perception in knowledge, and the nature of truth.

PHIL 313 **SYMBOLIC LOGIC (3)** *Prerequisite: PHIL 100, 101, or consent of instructor.* This beginning course in symbolic formal logic introduces students to the formalization of arguments and the formal nature of deduction.

PHIL 314 **THE MIND AND BRAIN (3)** *Prerequisite: PHIL 100, 101, or consent of instructor.* This course is an examination of various theories of what the mind is and its relation to the body. Concepts such as consciousness, belief, sensation, perception, and desire are discussed.

PHIL 315 **THE PHILOSOPHY OF LAW (3)** *Prerequisite: PHIL 100, 101, or consent of instructor.* This course is an examination of various theories of what a legal system is. Attention is given to a number of related issues including the role of morality in the formation of a legal system, legal justice, the proper limits of state authority over an individual citizen's autonomy, and theories of punishment.

PHIL 397 **INDEPENDENT STUDY IN PHILOSOPHY (1-3)**
Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing. This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

PHIL 398 **SPECIAL TOPICS IN PHILOSOPHY (1-3) [credit depends on topic]** *Prerequisites: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

PHIL 400 **THESIS GUIDANCE (3)** *Prerequisites: PHIL 100, 101, or consent of instructor, and senior standing.* Supervision of senior thesis. Topic to be decided by student with approval of advisor.

PHIL 408 **PHILOSOPHY SEMINAR (3)** *Prerequisites: PHIL 100, 101, or consent of instructor, and senior standing.* This seminar course in the writings of a particular philosopher is open to philosophy majors and to majors in other programs with special interest in the philosopher or problem under consideration.

PHYSICS COURSES (PHYS)

PHYS 141-142 **COLLEGE PHYSICS (4, 4)** Each semester: Three hours lecture and two hours laboratory. This intensive algebra and trigonometry based physics course sequence is for students majoring in the natural sciences. The course is designed to meet the needs of students preparing for MCATs. Content of the course includes mechanics, properties of matter, thermodynamics, waves and sound, electricity and magnetism, optics, quantum physics, and nuclear physics. One laboratory per week.

PHYS 161 **PHYSICS I (4)** *Prerequisite: MATH 103 or concurrent enrollment in MATH 103.* Three hours lecture and two hours laboratory. This course is a calculus-based survey of classical physics, providing a background for persons who intend to use physics as a base for the physics major or for other science disciplines. The first semester introduces the student to Newton's laws including their application to statics and dynamics: to momentum and energy and their respective conservation principles; to rotational and angular quantities; and, if time allows, to the basic ideas of heat and thermodynamics.

PHYS 162 **PHYSICS II (4)** *Prerequisites: MATH 103, 104 (or concurrent enrollment in MATH 104), PHYS 141 or 161.* Three hour lecture and two hours laboratory. This continuation of a calculus based survey of classical physics introduces students to the physics of waves, including sound, to basic electromagnetic theory and optics.

PHYS 181 **SOLAR SYSTEM ASTRONOMY (4)** Three hours lecture and two hours lab. Basic overview of the properties of the planets, satellites, and minor members of the solar system. No prior experience in astronomy is required. Course meets the general education laboratory science requirement.

PHYS 182 **STELLAR ASTRONOMY (4)** Three hours lecture and two hours lab. Basic overview of current knowledge about the universe beyond the solar system. No prior experience in astronomy is required; course meets the general education laboratory science requirement.

POLITICAL SCIENCE COURSES (POLI)

POLI 111-112 THE QUEST FOR JUSTICE I, II (3, 3) A sequence of readings and discussions develop the student's grasp of the basic issues that underlie the political dynamism of Western society. Special emphasis is given to the moral and philosophical dimensions of these issues and their relationship to current political questions and the concerns of other academic disciplines. Reading, class discussions, and written assignments are drawn from classic works in politics, economics, philosophy, and literature.

POLI 220 THE AMERICAN POLITICAL EXPERIENCE (3) Students will explore the American constitutional order and political system in terms of two questions: what does the American government do? What should it do? This exploration will be conducted through the critical analysis of literature, primary historical sources, significant government documents, and social science research.

POLI 221 AMERICAN POLITICAL CULTURE (3) *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112.* This course is a survey and critique of the meanings attributed to various aspects of the American constitutional order and the politics associated with it. Classic American literature including fiction and non-fiction, films, primary historical sources, significant government documents, and social science research are assigned to promote student debate and discussion of each aspect of the course.

POLI 253 CLASSICAL POLITICAL THOUGHT (3) *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* This course is a study of the leading classical and medieval political thinkers including Plato, Aristotle, and Augustine with emphasis on reading and discussing their works.

POLI 254 MODERN POLITICAL THOUGHT (3) *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* This course is a study of the leading modern political thinkers including Machiavelli, Hobbes, Locke, Rousseau, and Marx with emphasis on reading and discussing their works.

POLI 257 CAMPAIGNS, ELECTIONS, AND PROPAGANDA (3) *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* This course reviews the place of elections in American constitutional order as the principal mode of citizen participation and of campaigns to influence those elections. Particular attention is given to contemporary reliance on paid advertising, including direct mailing and television, and questions of campaign finance and corruption. Critical attention is directed to the replacement of public policy debate by the images and rhetoric of celebrity culture.

POLI 258 STATE AND LOCAL GOVERNMENT AND POLITICS (3) *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* An examination of the use of governmental power influences daily life in often unrecognized ways and how that power is exercised by administrators. Particular attention will be given to situations that appear to display breakdowns in policy or in its execution, and on conflicting values of democratic political practice and administrative effectiveness.

POLI 259 POWER, THE STATE, AND BUREAUCRACY (3) *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* An examination of how the use of governmental power influences daily life in often unrecognized ways and how that power is exercised by administrators. Particular attention will be given to situations that appear to display breakdowns in policy or in its execution and on conflicting values of democratic political practice and administrative effectiveness.

POLI 260 HONOR AND TERROR POLITICS: SOUTH ASIA (3) *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* This course is a survey of contemporary political and governmental processes and institutions of southern Asia with particular attention given to the colonial legacy, post-independence political institutions, the processes of political evolution, the role of religion in politics, and foreign policy responses to big-power rivalry in the region.

POLI 265 **GROWLING TIGERS, FIERY DRAGONS: THE ASIA PACIFIC (3)** *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* This course offers a survey of the political traditions and contemporary political practice of major East Asian societies including those of China, Japan, and Korea. The primary focus is a comparison of contemporary political development, government institutions, domestic issues, and foreign policies within and among the countries of the region.

POLI 270 **INTERNATIONAL RELATIONS (3)** *Prerequisite: One of the following courses: INTL 101, POLI 111 or 112, or consent of instructor.* This course analyzes the politics among nation-states with particular attention to the political, military, technological, and economic forces at work shaping the post-Cold War world. Students also explore theories of international conflict and cooperation.

POLI 275 **LATIN AMERICAN POLITICS (3)** *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* An analysis of the political systems of Latin America, this course examines political development from the colonial period to the present as well as the principal actors of the Catholic Church, the military, labor, and political parties. Study of links between politics and economic underdevelopment and the influence of the United States in the region are included. The history and future of democracy in the region are considered.

POLI 283 **COMPARATIVE GOVERNMENT: MAJOR EUROPEAN POWERS (3)** *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* This course analyzes the governmental structures and politics in France, Germany, and other European nations. Attention is also given to European organizations such as NATO, the European Union (EU), and the reforming political systems in southern and eastern Europe. Students participate in a simulation of the European Union.

POLI 285 **EUROPEAN UNION LEADERSHIP (1)** *Prerequisite: POLI 283 and permission of instructor.* The course offers an in-depth exploration of the functions, institutions, and decision-making procedures of the European Union. The emphasis will be on a realistic representation of members of the major institutions and bodies of the EU: the Commission, the European Council, and the Council of Ministers.

POLI 290 **AMERICAN PUBLIC POLICY (3)** *Prerequisites: POLI 111 or 112 (or equivalent courses).* This course will examine American public policy from three perspectives. First, students will explore the broad context of policy-making, including the historical, political, and economic contexts, with special emphasis placed on American federalism. Second, students will be introduced to models of the policy process, agenda setting and decision-making. Finally, students will learn about policy implementation and analysis.

POLI 301 **POLITICS OF DEVELOPING NATIONS (3)** *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* This course provides an examination of developing nations with a view toward understanding problems inherent in social, economic, and political change including the creation of nationalist sentiments, calls for democracy, improving the conditions of life, and promoting security and stability.

POLI 303 **TERRORISM AND REVOLUTION (3)** *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* This course is a comparative analysis of two major forms of political violence. Major revolutions of the twentieth century are the focus with particular attention to the Communist revolutions in Russia and China, the anti-colonial revolutions in Vietnam and Algeria, and the recent democratic revolutions in Eastern Europe and the former Soviet Union. Theories and explanations of terrorism are explored with attention given to the ways terrorists and the media influence each other and to various proposals for controlling terrorism.

POLI 304 **INTERNATIONAL ORGANIZATION AND WORLD POLITICS (3)** *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* This course examines the role of international organizations in world affairs. Study includes the United Nations, major regional political and economic organizations, and the impact of non-governmental interna-

tional organizations. Current events are heavily emphasized. The course is also used to prepare students for model United Nations exercises.

POLI 306 **COMPARATIVE FOREIGN POLICY (3)** *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* This course investigates the development, determinants, and direction of the foreign policies of key nation-states in contemporary international relations including Russia, Germany, China, India, Japan, and the United States. The course includes simulation exercises and is used to help prepare students for participation in model United Nations activities.

POLI 311 **THE AMERICAN PRESIDENCY (3)** *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* This course explores the formal and informal powers of the American presidency in the American constitutional system. Students examine presidential elections; White House relationships with Congress, the public, the media, the courts, and the bureaucracy; and the practice of presidential leadership at home and abroad.

POLI 312 **MONEY AND POWER: CONGRESS AND INTEREST GROUPS (3)** *Prerequisite: POLI 111, 112, or 220, or consent of instructor.* This course will examine the constitutional foundation and historical development of Congress, with emphasis on institutional aspects of Congress, and the role of Congress in the legislative process, and electoral politics. The history of interest group politics, the effect these groups have on the legislative process, and the impact of these groups on democracy will also be treated.

POLI 321 **POLITICAL SCIENCE RESEARCH METHODS (3)** *Prerequisite: POLI 220.* This junior-level course prepares students to write their senior theses. Required of all political science majors, the course examines how disciplined political knowledge (political science) is developed and reported. Students learn to develop and test hypotheses, prepare research designs, collect data, and use statistical analysis.

POLI 325-326 **CONSTITUTIONAL LAW IN THE UNITED STATES (3, 3)** *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* This course sequence is a survey of constitutional interpretation by the U.S. Supreme Court using the case method. The structure and powers of the American governmental system will be treated during the first semester. The second semester is devoted to the study of individual rights.

POLI 331-332 **NATIONAL MODEL UNITED NATIONS I, II (1, 2)** *Prerequisites: POLI 111, 112, or instructor's permission.* This course sequence prepare students to participate in the College's National Model United Nations activities in New York. Special attention is paid to researching the assigned country's foreign policy and to learning parliamentary procedure, debate, and caucus skills.

POLI 340 **INDEPENDENT STUDY IN POLITICAL SCIENCE (1-3)** *Prerequisite: POLI 220 or consent of instructor.* For independent study credit, a student may undertake specialized reading, research, and writing, but only with approval in advance from the supervising instructor.

POLI 362 **RECENT POLITICAL THOUGHT (3)** *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* This course examines some of the leading political thinkers of the twentieth century in order to understand the difficulties that may stand in the way of achieving justice in the political sphere. We will examine how justice may be achieved within a liberal political order; how the demands of justice impact the family; whether justice can be confined to the political sphere, or whether it must apply also within the private; and possible limitations of liberal democratic conceptions of justice.

POLI 372 **UNITED STATES FOREIGN POLICY (3)** *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* This course examines the distinctive heritage of the United States in foreign affairs, the strengths and weaknesses of American foreign policy-making processes, and the means at the disposal of policymakers to carry out foreign policy in contemporary world affairs.

POLI 375 **U. S. - LATIN AMERICAN RELATIONS (3)** *Prerequisite: One of the following courses: INTL 101, POLI 111, or 112, or consent of instructor.* An examination of relations between the countries of Latin America and the United States, this course considers the historical influence of the United States on Latin American countries' political, social, and economic development and how these relations have changed from Latin American independence to present-day. It includes analysis of current topics such as immigration, NAFTA, and the growing Hispanic influence within the United States society and politics.

POLI 377 **STUDY ABROAD (1-6)** *Prerequisite: one of the following courses: INTL 101, POLI 110, 111, or 112 or consent of instructor.* The course provides students the opportunity to study political science concepts, principles, and theories in foreign settings.

POLI 379 **INDEPENDENT STUDY IN POLITICAL SCIENCE (1-3)** *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

POLI 398 **SPECIAL TOPICS IN POLITICAL SCIENCE (1-3) [credit depends on topic]** *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

POLI 399 **INTERNSHIP (1-6)** *Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator, and supervising faculty prior to registration.* In a small number of cases, students may earn credit for participation in an internship with a government agency, law firm, political campaign, or nonprofit organization. Limited internship opportunities are available and must be jointly directed by a faculty sponsor and the responsible agency administrator. (See "Internships.")

POLI 410 **SENIOR THESIS SEMINAR (3)** *Prerequisites: POLI 220, 321, and at least two other 300-level courses.* The senior seminar is designed to be a capstone course in which the student, utilizing substantive and methodological knowledge accumulated through previous course work, develops and tests a relevant political hypothesis or closely related set of hypotheses. The course culminates with the writing and presentation of a formal research paper.

PSYCHOLOGY COURSES (PSYC)

PSYC 103-104 **GENERAL PSYCHOLOGY (3, 3)** *Corequisite: PSYC 105L-106L.* Three hours lecture per semester. This course sequence provides an overview of the subfields of psychology.

PSYC 105L-106L **GENERAL PSYCHOLOGY LABORATORY (1, 1)** Two hours laboratory per semester. This course serves as an introduction to the laboratory techniques of psychology.

PSYC 212 **INTRODUCTION TO BEHAVIOR MODIFICATION (3)** *Strongly Recommended: PSYC 106L or consent of instructor.* Three hours lecture. This course studies the use of principles of learning and experimental design in the modification of a wide variety of human behaviors.

PSYC 213 **PSYCHOLOGY OF EXCEPTIONALITIES (3)** Three hours lecture. This course is designed to impart a basic understanding of persons with disabilities. It provides pre-service teachers with knowledge regarding disability-related laws, rules, and regulations (both state and federal), as well as definitions, causes, and characteristics of disability (all within a social-cultural, political, medical, psychological, and educational context).

PSYC 215 **HEALTH PSYCHOLOGY (3)** *Strongly Recommended: PSYC 103-104 or consent of instructor.* Three hours lecture. This course examines the psychological, biological, and social factors involved in the promotion and maintenance of health and the prevention and treatment of illness. Students learn about the interaction of mind and body while exploring such topics as nutrition and eating disorders; cancer and heart disease; chronic illness and pain management; AIDS; smoking and alcoholism; and stress and coping.

PSYC 230 **PSYCHOLOGY OF AGING (3)** *Strongly Recommended: SOCI 240.* Three hours lecture. This introductory overview course examines the conceptual and theoretical approaches to the psychological aspects of aging. Personality variables and adaptive as well as maladaptive behavioral patterns are also studied.

PSYC 238 **INTRODUCTION TO RESEARCH (1-3)** *Prerequisite: Consent of supervising instructor.* This course provides the beginning student the opportunity to conduct lab, field, or library research under the supervision of a faculty member. Credit is dependent upon the scope of the work.

PSYC 241 **DEVELOPMENTAL PSYCHOLOGY (3)** Three hours lecture. Growth, development, and associated behavioral change from conception through aging are studied in this course.

PSYC 261 **PSYCHOLOGY OF GENDER (3)** This course examines psychological approaches to the study of sex and gender. Issues of male and female psychology are examined with a consideration of ways in which the similarities and differences between men and women influence behavior, cognitive abilities, and physical and psychological health. Theoretical perspectives on sex, gender, sex-role socialization and gender differences, and similarities across the lifespan are covered.

PSYC 263 **PSYCHOLOGY OF LAW (3)** This course examines the application of psychological principles, research, and knowledge to legal issues dealing broadly with the interface between psychology and the law. As such, the course will critically investigate the wide range of contemporary applications of psychology to a variety of topics including understanding the origins and treatments of criminally deviant behavior, psychological autopsies, criminal profiling, jury selection, eye witness testimony, repressed memory, persuasive communication in the courtroom, child abuse investigation, competence determination, and the insanity defense.

PSYC 265 **INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY (3)** This course focuses on the application of psychological principles and research to a variety of human issues in industry. Research techniques applicable in the field, along with data associated with various concepts and theories, are covered. Additional topics covered are personnel selection, training and evaluation; human factors and engineering psychology; and the organizational and social context of human work.

PSYC 267 **THEORIES OF PSYCHOTHERAPY (3)** Students are introduced to the theories and techniques used in therapeutic interventions with individuals and groups that provide a framework for the process of psychotherapy. The course will provide a systematic, comprehensive, and balanced overview of the leading theories and techniques.

PSYC 274 **STATISTICS FOR PSYCHOLOGISTS (4)** Three hours lecture and two hours laboratory. This course introduces descriptive and inferential statistics with particular emphasis on applications to psychological research. A required laboratory supplements lectures.

PSYC 275 **RESEARCH METHODOLOGY (4)** *Prerequisites: PSYC 103/105L-104/106L, 274, or consent of instructor.* Three hours lecture and two hours laboratory. This course examines experimental and non-experimental strategies used in psychology and other scientific disciplines. Studies are critiqued, designed, and conducted. Students are required to use the writing style of the American Psychological Association for their reports.

PSYC 302 **SOCIAL PSYCHOLOGY (3)** *Corequisites: PSYC 103-104 or consent of instructor.* Three hours lecture. This course analyzes the effects of others in the social environ-

ment on individual behavior. Topics include group dynamics, attitude theory, aggressive and pro-social behavior, and person perception.

PSYC 302L SOCIAL PSYCHOLOGY RESEARCH LABORATORY (1)
Prerequisite: PSYC 275. Corequisite: PSYC 302 or permission of instructor. Two hours laboratory. An optional laboratory focused on research in social psychology. Students investigate a topic of interest, design a proposal, conduct research, analyze information, and present results.

PSYC 305 HUMAN MEMORY AND INFORMATION PROCESSING (4)
Prerequisites: PSYC 103/105L-104/106L, 275, or consent of instructor. Three hours lecture and two hours laboratory. This course focuses on current approaches to human information processing, encoding, storage, retrieval, and models of forgetting and memory storage. Laboratory exercises are computer-based and demonstrate concepts studied in class.

PSYC 306 THEORIES OF PERSONALITY (3) *Prerequisites: PSYC 103/105L-104/106L, or consent of instructor.* Three hours lecture. A study of both the historical roots and the contemporary bases of personality theory are studied.

PSYC 308 ABNORMAL BEHAVIOR (3) *Prerequisites: PSYC 103/105L-104/106L, or consent of instructor.* Three hours lecture. This course looks at a variety of disturbing behaviors, as well as determining factors, symptoms, and methods of treatment.

PSYC 311 SENSORY PROCESSES AND PERCEPTION (4)
Prerequisites: PSYC 103/105L-104/106L, 275, or consent of instructor. Three hours lecture and two hours laboratory. This course examines cognitive information processing which occurs in the reception, integration, and interpretation of incoming sensory stimuli and the physiological and anatomical bases of these processes. Laboratory exercises are computer-based and demonstrate concepts studied in class.

PSYC 312 LEARNING AND MOTIVATION (4) *Prerequisite: PSYC 275 or consent of instructor.* Three hours lecture and two hours laboratory. The course focuses on a detailed analysis of data pertaining to theories of learning and to the determinants of behavior change.

PSYC 315 DRUGS AND BEHAVIOR (3) *Prerequisites: PSYC 103-104 or consent of instructor.* Three hours lecture. The biochemical and physiological bases of drug action are presented as a basis for understanding the physiological and behavioral effects of drugs. The major classes of drugs are discussed with particular emphasis on popular drugs of abuse such as alcohol, nicotine, cocaine, and marijuana. The use of drugs in the treatment of mental disorders is also discussed.

PSYC 341 PSYCHOLOGY OF DEVELOPMENT (3) *Prerequisites: PSYC 274, 275.* This course in developmental psychology is intended for majors in psychology and critically examines the psychological theories and research that describe and explain human development.

PSYC 341L DEVELOPMENTAL PSYCHOLOGY LABORATORY (1)
Corequisite: PSYC 341 or permission of instructor. An optional two-hour laboratory focused on research in developmental psychology. To be taken concurrently with PSYC 241. Students investigate a topic of interest, design a proposal, conduct research, analyze information, and present results.

PSYC 344 COGNITIVE PSYCHOLOGY (3) The purpose of this course is to introduce students to the major areas of cognitive psychology including the current methodologies used to study it. The course explores cognitive psychology within the domain of human information processing and the ways in which people learn and think in an attempt to understand the nature of human thought processes. Topics covered include attention, decision-making, language acquisition and use, knowledge representation, problem solving, and reasoning. Current models of cognition are considered in relation to the evidence on human thinking capabilities.

PSYC 344L COGNITIVE PSYCHOLOGY LABORATORY (3)
Prerequisite: PSYC 275. Corequisite: PSYC 344 or permission of instructor. Two-hours laboratory.

Focused on research in cognitive psychology. Students investigate a topic of interest, design a proposal, conduct research, analyze information, and present results.

PSYC 355 **PHYSIOLOGICAL PSYCHOLOGY AND LABORATORY**

(4) *Prerequisites: PSYC 103/105L-104/106L, 275, or consent of instructor.* Three hours lecture and two hours laboratory. This course involves the study of the biological bases of behavior. The focus is on the physiological mechanisms that mediate emotional, sexual, ingestive, and aggressive behaviors, as well as on the mechanisms mediating perceptual, learning, and memory processes. Laboratory exercises complement lectures and reading materials by providing hands-on experience with research techniques used in physiological psychology that illustrate the links between physiology and behavior.

PSYC 367 **CHILD PSYCHOPATHOLOGY (3)** The goal of this course is to provide an overview of the field of child psychopathology. The etiology, assessment, and treatment of the major psychological disorders of childhood and adolescence will be discussed. Other topics covered include research methods, diagnosis and classification, child maltreatment, and cultural diversity.

PSYC 392 **INTRODUCTION TO PSYCHOLOGICAL TESTS AND MEASUREMENT (3)**

Prerequisites: PSYC 103/105L-104/106L, and 308 or permission of instructor. Three hours lecture. This study of psychological testing includes theories of test construction, the nature of psychological testing, and the kinds of tests available. General types of tests for assessment of personality, abilities/intelligence, psychopathology, and neurological functioning will be studied.

PSYC 392L **INTRODUCTION TO EDUCATIONAL AND PSYCHOLOGICAL TESTS AND MEASUREMENT LAB (1)**

Prerequisite or corequisite: PSYC 392. This course will be an application of the administration, scoring, and interpretation of educational and psychological tests for diagnostic purposes.

PSYC 397 **INDEPENDENT STUDY IN PSYCHOLOGY (1-3)**

Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing. This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

PSYC 398 **SPECIAL TOPICS IN PSYCHOLOGY (1-3) [credit depends on topic]**

Prerequisite: A background of work in the discipline or prior consent of instructor. This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

PSYC 399 **INTERNSHIP (1-12)**

Prerequisites: Eighteen hours of psychology exclusive of introductory psychology. Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator and supervising faculty prior to registration. Internships occur in an agency or other institution involved in clinical services. (See "Internships.")

PSYC 401 **HISTORY AND SYSTEMS OF PSYCHOLOGY (3)**

Prerequisites: PSYC 103/105L-104/106L, and 275. Three hours lecture. This course provides critical examination of historical antecedents and discernable systems of contemporary psychology. It is recommended for the senior year after considerable coursework in psychology.

RELIGIOUS STUDIES COURSES (RELG)

RELG 201 **HEBREW BIBLE/OLD TESTAMENT (3)**

This course is an introduction to literary and historical study of the Hebrew Bible/Old Testament, a collection of religious literature central in the canons of Judaism, Christianity, and Islam.

RELG 202 **NEW TESTAMENT (3)**

This survey of the literature of the earliest church pays special attention to its historical development and the major themes of its teachings.

RELG 205 RELIGIONS OF ASIA (3) This course presents the central features of Hinduism, Buddhism, Taoism, Confucianism, and Shinto within the framework of an historical survey of the religions from early times to the present. The course includes an introductory unit that seeks to construct a descriptive definition of "religion" through a study of the religions of prehistoric peoples and contemporary indigenous peoples.

RELG 206 JUDAISM, CHRISTIANITY, AND ISLAM (3) This course considers those religions originating in the Near East in an historical perspective, looking at the main stages of their development. Relevant passages from the sacred writings are examined for their original meaning in their textual context and for their importance for religious faith and practice today.

RELG 260 CONGREGATIONAL MINISTRIES—PRE-MINISTERIAL PRACTICUM 1 (1) This course is designed to introduce pre-ministerial students to the practical skills needed to serve in a church-related setting. Students develop and practice basic ministry skills and have the opportunity to learn about a variety of topics from guest speakers.

RELG 261 MINISTRY VOCATIONS - PRE-MINISTERIAL PRACTICUM 2 (1) This course introduces students to a variety of ministry opportunities. Students explore chaplaincy, social service work, non-profit administration, and other ministry-related vocations. Students have the opportunity to meet with guest speakers who work in various areas of ministry.

RELG 262 SEMINARY EXPLORATIONS – PRE-MINISTERIAL PRACTICUM 3 (1) This course allows students to examine seminary options and further theological studies in the areas of religion and ministry. Students have the opportunity to meet with seminary representatives. Students also have the opportunity to "match" their individual needs with a specific seminary or divinity school.

RELG 263 WOMEN IN MINISTRY – PRE-MINISTERIAL PRACTICUM 4 (1) This course explores issues related to women serving in ministry settings. Men and women students have the opportunity to learn and discuss this topic in a classroom setting. Guest speakers share their experiences and explore ways of dealing with stereotyping in a variety of ministry settings.

RELG 303 SEMINAR IN RELIGIONS OF ASIA (3) *Prerequisite: RELG 201, 202, 205, or 206.* The seminar examines Hinduism, Jainism, Buddhism, and Sikhism in South Asia and the spread of Buddhism into Southeast Asia, China, Korea, and Japan. Topics include the relationship of religious norms to those of the modern secular state and its obligations to society; "fundamentalism;" the role of women; and new religious movements which spring from Eastern teachings (TM, Meher, Baba, Sai Baba) and Western teachings with Eastern roots (e.g. Theosophy, Gurdjieff). Some attention will be given to the self-religions including Rajneeshism and "est" (Erhard Seminars Training), also known as "the forum."

RELG 304 SEMINAR IN ISLAM (3) *Prerequisite: RELG 201, 202, 205, or 206.* The seminar examines the development of Islam in seventh-century Arabia to the present. Topics will include the life and influences of Muhammad; the importance of the Quran, the Sunni and Shia split in Islam; the development of Islam as a coherent socio-religious system and the relevance of that system to the modern world; "fundamentalism;" the role of women in the Islamic world; and Islam in the United States.

RELG 305 SEMINAR IN RELIGION IN AMERICA (3) *Prerequisite: RELG 201, 202, 205, or 206.* This course provides an investigation of significant individuals, movements, institutions, and ideas of the American religious experience.

RELG 316 SEMINAR IN NEW TESTAMENT RESEARCH (3) *Prerequisite: RELG 201, 202, 205, or 206.* This seminar focuses on a selected issue in current New Testament research taken from the following and other relevant topics: the historical Jesus and the Christological formulations of the New Testament; the Pauline interpretation of Christianity; and the role and status of women in early Christianity. May be repeated for credit when topic varies.

RELG 317 SEMINAR IN HEBREW BIBLE/OLD TESTAMENT RESEARCH (3) *Prerequisite: RELG 201, 202, 204, or 206.* This seminar focuses on a selected issue in current Hebrew Bible/Old Testament and Inter-testamental research from the following topics: The Torah; the Prophets; the Wisdom Literature; the Apocrypha; the Dead Sea Scrolls; and other relevant topics that may be added. May be repeated for credit when topic varies.

RELG 322 CONTEMPORARY RELIGIOUS THINKERS (3) *Prerequisite: RELG 201, 202, 205, or 206.* This course is a critical assessment of the contribution of representative theological thinkers based on readings in their major works. May be repeated for credit when topic varies.

RELG 328 SEMINAR IN RELIGIOUS ETHICS (3) *Prerequisite: RELG 201, 202, 205, or 206.* This seminar focuses on the writings of selected ethical thinkers and on specific social and moral issues in present-day society.

RELG 397 INDEPENDENT STUDY IN RELIGION (1-3) *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

RELG 398 SPECIAL TOPICS IN RELIGION (1-3) [credit depends on topic] *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

RELG 399 INTERNSHIP IN RELIGIOUS STUDIES (1-3) *Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator, and supervising faculty prior to registration.* Internships are open to a limited number of students and are arranged individually under the supervision of the Advisory Committee on Pre-Ministerial Education. (See "Internships.")

RELG 410 SENIOR SEMINAR (3) *Prerequisite: senior standing.* This capstone seminar is an intensive study and discussion of scholarly articles related to recent developments in three areas of study required for religious studies majors: Biblical Studies, World Religions, and Theological/Ethical Studies. Students will submit a paper in each of the three areas of study that demonstrates their critical engagement with contemporary scholarship.

SCIENCE COURSES (SCIE)

SCIE 101 PRINCIPLES OF SCIENCE I (4) Three hours lecture and two hours lab. This course provides an integrated study of approximately two dozen principles that underlie science and form a seamless web of knowledge about the natural world. Students will gain an understanding of science as a process through classroom and laboratory activities.

SCIE 102 PRINCIPLES OF SCIENCE II (4) Three hours lecture and two hours lab. This course is a continuation of SCIE 101, which is not necessary for enrollment in this course. Overarching principles of science and scientific thought are considered in light of their contributions to the advancement of science. Primary emphasis is on understanding the scientific principles associated with these ideas.

SCIE 397 INDEPENDENT STUDY IN SCIENCE (1-3) *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

SCIE 398 **SPECIAL TOPICS IN SCIENCE (1-3)** [credit depends on topic] *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

SOCIOLOGY COURSES (SOCl)

SOCI 121 **CULTURAL ANTHROPOLOGY (3)** This course compares how certain universal human patterns, e.g., the family, economy, religion, education and political systems, are approached by different peoples/cultures in the contemporary world. The course specifically considers how different peoples/cultures respond to the universal crises—birth, maturation, death, the need for food and shelter, etc. Additionally this course examines how large scale, complex peoples/cultures deal with intra-cultural variation and with the existence of the different cultural groups of each which may have different patterns for resolving the universal crises named above.

SOCI 201 **INTRODUCTION TO SOCIOLOGY (3)** This course provides an introduction to the fundamentals of sociology including an analysis of culture, society, and personality and their relationship with one another. Attention is given to developing a sociological frame of reference that enables the student to gain a new perspective of modern society. Attention is also given to the multiple career patterns which allow for the use of sociological training.

SOCI 202 **SOCIOLOGY OF SOCIAL PROBLEMS (3)** *Prerequisite: Sociology 201 or consent of instructor.* This course provides an examination of social problems within present-day society with attention directed to the strains and tensions within society and the resulting modifications.

SOCI 209 **APPLIED SOCIOLOGY (3)** *Prerequisite: Sociology 201 or consent of instructor.* This review of the uses of sociology in practical affairs includes providing theory and data for public policy, institutional reform, social action programs, and social inventions. Sociology's contributions to architectural design, industrial engineering, community planning, and the marketing of goods and services will also be explored.

SOCI 215 **INTRODUCTION TO CONTEMPORARY ASIA (3)** *Prerequisite: Sociology 201 or consent of instructor.* This course acquaints participants with the geography, population, and languages of the major regions of Asia. It is a general survey of cultural traditions, social patterns, economic developments, and contemporary political issues that people in the Orient confront in their own countries as well as in relation to other nations of the world.

SOCI 222 **MINORITY GROUPS (3)** *Prerequisite: Sociology 201 or consent of instructor.* The focus of this course is on the analysis of minority group relations, especially in the United States. Issues include the nature/range of problems and prejudices as viewed in relation to economic and social class organization; political alignments; regional traditions; and psychological tensions. Course work includes a comparative study of world race relations; the geography and ecology of race relations; the idea of race; and racial conflict.

SOCI 224 **JAPAN: GODS, WARRIORS, AND BUSINESSMEN (3)** *Prerequisite: Sociology 201 or consent of instructor.* This course offers an ethnographic consideration of Japanese culture. During the first part of the semester, primary consideration is given to major cultural eras (pre-historical, Kyoto, Kanto Plains, Restoration, and Post-WWII). The second part of the course focuses more closely on the kinship system and political, economic, and religious institutions. The approach is meant to develop an understanding of a major Asian culture contrasted against the background of our own society.

SOCI 231 **MARRIAGE AND THE FAMILY (3)** *Prerequisite: Sociology 201 or consent of instructor.* Contemporary American marriage and family patterns are viewed in historical and cross-cultural perspectives and interpreted against the modern urbanized environment in light of

SOCI 430 SENIOR RESEARCH CAPSTONE I (3) *Prerequisites: SOCI 201, 358, 370, 371.* Contemporary Issues in Sociology: This course is designed to synthesize the student's Sociology Program experiences. During the semester each student chooses a research topic, carries out the appropriate literature review, and designs the research method to be used to investigate the topic chosen.

SPANISH COURSES (SPAN)

Students who enter Lynchburg College directly from high school, and who have had two years of a foreign language in high school, may qualify for enrollment at the intermediate level if they wish to continue with the same language. All students entering the 102 and 201 language levels will be required to take a placement test. The results of this test will determine the level of the language at which the student should succeed.

Work in the language laboratory constitutes part of the elementary and intermediate language courses. It is designed to teach and test listening-comprehension and speaking skills, the components of which are: auditory discrimination, auditory memory, pronunciation, and fluency.

The foreign language requirements may be waived for a student whose native language is not English if that student demonstrates to the faculty in the program an acceptable proficiency in speaking and writing in the native language.

SPAN 101-102 ELEMENTARY SPANISH (3,3) This course sequence introduces four language skills in Spanish: listening comprehension, speaking, reading, and writing with emphasis on basic grammar and oral proficiency. Work in the language laboratory is required.

SPAN 201 INTERMEDIATE SPANISH (3) *Prerequisites: SPAN 101-102, or equivalent (each student's level is determined by a placement test that is given at the beginning of the course).* This course provides a review of grammar and intensive reading and conversational practice, with emphasis on speaking, in Spanish. This course brings students to the novice high/intermediate low oral proficiency level (ACTFL Guidelines). Work in the language laboratory is required.

SPAN 202 INTERMEDIATE SPANISH (3) *Prerequisite: SPAN 201, or equivalent.* This course reviews fundamental principles of grammar with an introduction to Spanish and Latin American civilization through readings in contemporary prose and poetry. Emphasis is on oral practice and vocabulary building based on readings.

SPAN 205 INTERMEDIATE SPANISH - MEDICAL (3) *Prerequisite: SPAN 101-102 or equivalent (each student's level is determined by a placement test that is given at the beginning of the course).* This special section of Intermediate Spanish focuses on medical and health-related terminology, contexts, and situations. The course offers practice of the same grammatical concepts and linguistic functions as in all other sections of Intermediate Spanish, but the vocabulary and correlating role-play situations and lab activities will focus on health-related situations. This course will bring students to the novice high/intermediate low conversational level (ACTFL guidelines). By taking this course, students planning for careers in health sciences fields should be better able to address the health-related social, linguistic, and cultural needs of the Hispanic population. Work in the Modern Language Resource Center is required. This course fulfills the General Education requirement for Foreign Languages.

SPAN 208 HISPANIC LITERATURE IN ENGLISH TRANSLATION (3) This course focuses on selected works of the most representative authors of the twentieth century in Spain and in Spanish America and satisfies the literature requirement in general education.

SPAN 221-222 ADVANCED LANGUAGE PRACTICE (3) *Prerequisite: SPAN 202 or equivalent.* This course offers intensive practice in oral and written Spanish to develop fluency and correctness of expression. Special emphasis is on vocabulary building, development of style, and cultural awareness.

SPAN 277 STUDY ABROAD: INTRODUCTION TO THE CULTURE AND CIVILIZATION OF SPAIN (3) This course features the study of the history, culture, and civilization of Spain and is taught in Spain as part of the summer Study Abroad Program. There is no prerequisite and is taken as elective credit.

SPAN 311 HISPANIC FILM (3) *Prerequisite: SPAN 221, 222, or equivalent.* This course will explore a particular topic in depth through the use of Hispanic films and, when appropriate, literature. Possible topics include: Hispanic gender roles, the interpretation and representation of Hispanic history, contested Hispanic cultural and political questions, and the depiction of Hispanics in current U.S. and other non-Hispanic films.

SPAN 319 HISPANIC PROSE (3) *Prerequisite: SPAN 221, 222, or equivalent.* This course includes a study of representative works of prose from Spain and Spanish America. The content of this course will cross geographical and chronological borders. It will include works from Spain's Golden Age, the Generation of '98, and the twentieth century, as well as selected Spanish American works from the colonial period to the present day.

SPAN 320 HISPANIC DRAMA AND POETRY (3) *Prerequisite: SPAN 221, 222, or equivalent.* This course includes a study of representative works of drama and poetry from Spain and Spanish America. The content for the course will cross geographic and chronological borders. It will include works by playwrights and poets from Spain's Golden Age and nineteenth and twentieth centuries, as well as selected Spanish American works from the colonial period to the present day.

SPAN 340 THE CULTURE AND CIVILIZATION OF SPANISH AMERICA (3) *Prerequisite: SPAN 202 or equivalent (for Spanish majors or minors.) ** No prerequisite for non-Spanish majors/minors.* This broad introduction to Spanish American culture focuses on the geography, environmental concerns, political systems, economics, and an abbreviated history of Spanish American culture, beginning with pre-Columbian cultures. Emphasis is placed on cultural contributions including, but not limited to, art, music, film, food, and literature. The course is taught in English, but Spanish majors or double-majors, Global Commerce-Spanish majors, or Spanish minors are required to do papers in Spanish.

SPAN 341 THE CULTURE AND CIVILIZATION OF SPAIN (3) *Prerequisite: SPAN 202 or equivalent (for Spanish majors or minors.) ** No prerequisite for non-Spanish majors/minors.* This course is a study of the cultures, history, geography, politics, society, and the economy of Spain. Although the focus for the course will be contemporary, an overview of Spanish history is necessary to understand modern Spain. The classroom instruction is in English, but Spanish majors or minors are required to do papers in Spanish.

SPAN 377 STUDY ABROAD (3) *Prerequisite: SPAN 202 or equivalent.* This course features intensive Spanish instruction in oral communication, civilization, culture, and language during the summer term.

SPAN 389 BUSINESS SPANISH (3, 3) *Prerequisite: SPAN 222 or equivalent.* A survey of business concepts in Spanish-speaking countries, this course is approached both in terms of study of daily Spanish business practices and as training in vocabulary skills to permit such study. Most standard aspects of commerce in Spanish-speaking countries are covered.

SPAN 397 INDEPENDENT STUDY IN SPANISH (1-3) *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

SPAN 398 SPECIAL TOPICS IN SPANISH (1-3) [credit depends on topic] *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

SPAN 399 INTERNSHIP IN SPANISH (1-6) *Prerequisites: Juniors and seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator; supervising faculty and school dean prior to registration.* Students may earn college credit for participation in an internship with a business firm, a government agency or a private non-profit organization; jointly supervised by

the program and the responsible organization administrator. The internship is expected to provide the student with an opportunity to apply, in a practical way, some of the language skills acquired in the study of Spanish. (See "Internships.")

SPAN 470 **METHODOLOGY OF TEACHING SECOND LANGUAGES**

(3) *Prerequisite: Junior or senior status.* This course is designed for students interested in teaching French, Spanish or English as a second language (ESL). The course provides a thorough introduction to contemporary theories of second language acquisition, methods of language teaching and assessment, and current issues in second language teaching. Additional work will be required for graduate credit.

SPAN 475 **RESEARCH AND TRANSLATION METHODS (3)** *Prerequisite:*

SPAN 221, 222, or equivalent. This course prepares students to write papers in Spanish for upper-level courses and the senior thesis. It will also give a brief introduction to and practice with translation methodology. This course is required of all Spanish majors.

SPAN 476 **SENIOR THESIS (3)** *Prerequisites: SPAN 475 and at least one*

culture course and one 300-level course. This is the senior capstone course for Spanish and is required of all Spanish majors, and Global Commerce - Spanish majors. Students will write a thesis in Spanish, under the direction of a faculty member in Spanish, and will be required to present it in Spanish orally and in writing. Students will also present and defend a portfolio of their oral and written work accumulated during their time as students pursuing a specialization in Spanish. The defense will be conducted partly in Spanish and partly in English.

SPECIAL EDUCATION

SPED 234 **CHARACTERISTICS OF MENTAL RETARDATION (3)**

Prerequisite: PSYC 213. This course focuses on the study of intellectual, cognitive, social, emotional, and physical characteristics of individuals with mental retardation. It includes attention to the causes of retardation, an overview of programs and services, and current issues and future directions in the field.

SPED 330 **FIELD EXPERIENCE II (SE) (1)** *Prerequisites: EDUC 202,*

211. This course provides pre-service teachers with opportunities to apply instructional skills in controlled situations under the guidance of experienced professionals. Students participate in two hours of observations and tutorial instructional activities per week in special education classrooms in local public and private schools. There will be opportunities to view the structure of general education classrooms and other instructional settings representing the continuum of special education services. Seminars and other activities will provide opportunities for analysis and reflection. A grade of C- or above is required in this course before taking SPED 430.

SPED 331 **SPECIAL EDUCATION METHODS WORKSHOP I (3)**

Prerequisites: EDUC 211, PSYC 213. This course is designed to impart an advanced understanding of curriculum and instruction for persons with mild to moderate disabilities. It provides pre-service teachers with knowledge regarding IEP and Section 504 Plan writing, designing self-contained, resource, and inclusive classrooms (in terms of room arrangement, scheduling, and grouping of students), adapting materials, and designing curriculum in the areas of math, written language, science, and social studies. It also includes a focus on instructional methods including Direct Instruction, Precision Teaching, Mastery Learning, Strategy Instruction, Study Skills Instruction, and Student-directed Instructions.

SPED 334 **CHARACTERISTICS OF PERSONS WITH LEARNING**

DISABILITIES (3) *Prerequisite: PSYC 213.* This introductory course focuses on the theories, characteristics, etiology and cognitive functioning of students with specific learning disabilities. Also included are age span issues and social/emotional and medical aspects. Individualized educational needs, levels of severity, and specialized methods and programs for students with LD are studied.

SPED 336 **COLLABORATION WITH FAMILIES, EDUCATORS, AND**

RELATED SERVICE PROVIDERS (3) *Prerequisites: EDUC 101, 201, 202, PSYC 213, 241.* Students in this course are introduced to the issues and practices of educators who deal with students with diverse

learning challenges. Students learn effective collaboration strategies that will help them deal with para-educators, peer teachers, families, related service providers, and community agency staff members. Attention is given to issues such as integrated services, coordination between general and special educators, teaming, family-focused collaboration, community resources, and models of service delivery.

SPED 397 INDEPENDENT STUDY IN SPECIAL EDUCATION (1-3)

Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing. This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

SPED 398 SPECIAL TOPICS IN SPECIAL EDUCATION (1-3) [credit depends on topic]

Prerequisite: A background of work in the discipline or prior consent of instructor. This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

SPED 430 FIELD EXPERIENCE III (SE) (1) *Prerequisite: SPED 330.*

This course provides students with opportunities to apply instructional skills in controlled situations under the guidance of an experienced professional. Students participate in two hours of observations, tutorial, and small and large group instructional activities per week in classrooms in local public and private schools. Students have the opportunity to experience the structure and organization of general education classrooms and other instructional settings representing the continuum of special education services. On-campus and in-school seminars provide opportunities for analysis and reflection.

SPED 431 LANGUAGE DEVELOPMENT AND COMMUNICATION SKILLS FOR EXCEPTIONAL LEARNERS (3)

Prerequisites: EDUC 211, PSYC 213. This course provides a study of language development and communication problems in students with disabilities. Remedial methods and intervention programming in speech, language and communication are explored. Attention is directed to the sociocultural variations and alternative communication problems in this population. The course also includes attention to curricula, methods, materials, and adaptations in language arts.

SPED 432 SPECIAL EDUCATION METHODS WORKSHOP II (3)

Prerequisite: EDUC 331. This course explores intervention strategies including curricula, methods, and materials for individuals with special needs ranging from mild to severe disabilities. It addresses transition, career/life skills, vocational, community, self-help, motor therapy, and leisure/recreation with adaptations for inclusion.

SPED 436 STUDENT TEACHING (LD) (6-12) *Prerequisite: Completion*

of all major course requirements. This course is an application of all the effective teaching skills that have been learned in course work in specific learning disabilities. The student is assigned to classrooms full time for a 300 clock-hour experience with at least half of the time spent in direct teaching activities supervised by College personnel and classroom teachers.

SPED 437 STUDENT TEACHING (MR) (11) *Prerequisite: Completion of*

all major course requirements; Corequisite EDUC 448. This course is an application of all the effective teaching skills that have been learned in course work in mental retardation. Students are assigned to one semester, full time block under the supervision of College personnel and classroom teachers where they practice their teaching skills.

SPED 445 PRACTICUM IN DISABILITY SERVICES (3-6) *Prerequisite:*

Consent of instructor. This course provides placement within the disabilities community, including vocational training, case management, early intervention, related therapies, specific disabilities, and advocacy. Open to seniors taking the non-licensure option.

SPMG 353 **SPORTS LAW (3)** *Prerequisites: SPMG 260 and Junior standing.* This course introduces legal principle application to a variety of sports settings. Issues related to risk management, individual rights of athletes and employees, and gender are explored.

SPMG 368 **SPORTS FACILITIES AND EVENT MANAGEMENT (3)** *Prerequisites: MGMT 260, SPMG 260.* This course focuses on the development of personal skills and competencies in the management and maintenance of movement and sport facilities and management of sport and physical performance events.

SPMG 370 **SPORT PROMOTIONS AND MARKETING (3)** *Prerequisites: MKTG 309, SPMG 260.* This course will compare and contrast the field of sport marketing with the practices and applications of mainstream marketing. The course will examine the application of marketing principles with the sport industry. Topics will include SWOT analysis, market segmentation, distribution, packaging, promotion, positioning, and pricing. This course explores the marketing process relative to sports in collegiate, recreational, commercial, and professional environments. Include in this study are market research techniques, pricing, promotional developments and strategies, identifying target markets, and advertising. This class builds on the general principles of marketing by discussing the unique aspects of sport marketing and applying marketing concepts to sport as a product and the promotion of sports activities. This course is designed to assist students in understanding and appreciating the multi-faceted components of sport marketing, including sport consumer behavior, promotion, sponsorship and licensing, and media relations.

SPMG 377 **STUDY ABROAD (3)** This course focuses on sport management issues for spectator and participative sport events and facilities across the global sport environment. The student will be afforded the opportunity to observe and experience sport settings through travel excursions in foreign countries.

SPMG 397 **INDEPENDENT STUDY IN SPORT MANAGEMENT (1-3)** *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

SPMG 398 **SPECIAL TOPICS IN SPORT MANAGEMENT (1-3) [credit depends on topic]** *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

SPMG 415 **INTERNSHIP IN SPORT MANAGEMENT (1-12)** *Prerequisites: Juniors or seniors with a 2.25 minimum QPA; approval of written proposal by internship coordinator, and supervising faculty prior to registration.* This course offers a professional internship with an appropriate health fitness organization/program. The student and faculty sponsor will agree upon the location and responsibilities of the intern. The number of credits will depend upon the nature of the project and the number of hours involved in the project. (See "Internships.")

SPMG 420 **SPORT ETHICS AND CURRENT ISSUES (3)** *Prerequisites: PHIL 101 and junior standing or consent of instructor.* This course will explore the concepts of ethical decision-making processes as applied to issues found in sport settings. Areas such as fair play, equitable opportunity, exclusive membership policies, health and wellness concerns, and others will be explored. In particular, students will be exposed to concepts of morality and theories of ethical thought while developing a personal philosophy of social responsibility and professional codes of ethics. This course will focus on the ethical issues impacting sport organization policy formation and practice. Topics include moral and ethical development theories, models of ethical analysis, code of professional ethics, personal and management values, and situational analysis. Specifically, students explore critical issues related to professional ethics, rights and responsibilities

SPMG 441 MANAGEMENT AND ADMINISTRATIVE PROCESSES IN FITNESS AND SPORT (3) *Prerequisites: MGMT 260, SPMG 260.* This course involves a study of the management and administration procedures utilized in movement and sport programs. Competency development in personnel, business and finance, and risk management is emphasized.

THEATRE COURSES (THEA)

THEA 101 INTRODUCTION TO THEATRE ARTS (3) This course provides an introduction to all areas of theatre including acting, directing, design, and history, focusing on the role of the audience and performer and emphasizing the collaborative nature of theatre. The course includes lecture, discussion, and a scene project and is recommended for students who have had little participatory experience in theatre.

THEA 102 INTRODUCTION TO TECHNICAL THEATRE AND DESIGN (3) This course offers an introduction to the theatre organization, the theatre facility and its equipment, and to the basic design and visual environments of the stage. A study of materials, equipment, and techniques used in the construction of scenery is included.

THEA 120 INTRODUCTION TO DANCE (3) This beginning course in dance for the musical theatre stage focuses on basic foundations and techniques in ballet and jazz. Syntheses of these styles will be placed into basic musical theatre choreography.

THEA 123 VOICE AND DICTION (3) This course includes physical and vocal exercises, as well as the organization, preparation and execution of a variety of oral presentations. A persuasive speech is the culminating project. This is not a course for the identification and correction of chronic vocal problems, dialect reduction, or for the practice of English as a second language.

THEA 131 FUNDAMENTALS OF ACTING (3) This course presents concepts and exercises that set an actor in motion physically, verbally, and emotionally, leading to character development and scene study. This is an active, participatory course focusing on physical and vocal exercises, improvisation, and performance projects.

THEA 202 TECHNICAL THEATRE (3) *Prerequisite: THEA 102 or consent of instructor.* A study of materials, equipment, and techniques used in the construction and finishing of scenery, this course also includes principles of drafting, lighting, sound, and special effects.

THEA 211 DRAMATIC LITERATURE: CLASSICAL GREECE TO RENAISSANCE (3) This course is a study of the great literary works of the theatre during the major periods of the Greek, Roman, Medieval, and Renaissance eras.

THEA 212 DRAMATIC LITERATURE: SEVENTEENTH CENTURY TO PRESENT (3) This course is a study of the great literary works of the theatre during the major periods of the late seventeenth century to the present.

THEA 232 SCRIPT AND CHARACTER ANALYSIS (3) *Prerequisite: THEA 131 or consent of instructor.* This course provides a variety of methods for analyzing plays, scenes, and characters. Course work includes oral reports and performance projects.

THEA 250 STAGE MAKEUP (3) *Prerequisite: Theatre major or consent of instructor.* This course is an exploration of the techniques of stage makeup including traditional, corrective, old age, facial hair, prosthetics, and fantasy characters. It includes color theory, facial anatomy, and character analysis. Learning activities involve lectures, demonstrations, and studio participation. Students must purchase a make-up kit.

THEA 301-302 HISTORY OF THE THEATRE I, II (3, 3) A history of performance and production in the great theatre epochs.

employ the principles stressed in upper-level theatre courses and will include research, documentation, and practical application. The body of work must be completed under faculty supervision.