

Accountancy (ACC)

ACC 211. Introduction to Financial Accounting. 3 hours.

Study of the basic principles, concepts, and procedures for collecting and recording accounting information, and preparation and analysis of financial statements. Examines the accounting cycle and accounting for assets, liabilities, and owners equity.

ACC 212. Introduction to Managerial Accounting. 3 hours.

Continuation of ACC 211. Study of the managerial accounting concepts and procedures that aid managers in planning operations, controlling activities, and making decisions for economic entities. Prerequisite: ACC 211.

ACC 311. Administrative Uses of Accounting. 4 hours.

For students whose objectives are to develop an understanding of uses of accounting information for planning, control, and decision making. Emphasizes accounting processes and measurements, significance and limitations of financial statements, and managerial accounting concepts and applications. Course is restricted to graduate students and non-CBM undergraduates. Not accepted toward requirements of Accountancy degree.

ACC 321. Intermediate Financial Accounting I. 4 hours.

Development and application of accounting theory to issues related to financial statements, assets, liabilities, and measurements of income. Prerequisites: Introduction to Financial Accounting and Introduction to Managerial Accounting, or equivalent, and familiarity with spreadsheet application software.

ACC 322. Intermediate Financial Accounting II. 4 hours.

Development and application of accounting measurement and reporting issues related to financial statements. Special topics include accounting for income taxes, pensions, revenue recognition, liabilities, leases, earnings per share, and price-level and current-value accounting. Prerequisite: ACC 321.

ACC 323. Advanced Financial Accounting. 4 hours.

Application of accounting concepts and principles to a variety of business problems and forms of business organizations including partnerships, business combinations, consolidations, and foreign operations and developing international accounting standards. Prerequisite: ACC 322.

ACC 390. Topics in Accountancy. 1 TO 4 hours.

Each topic covers a different accountancy concept and may include an intensive workshop. May be repeated for an indefinite number of hours, but particular topics must differ.

ACC 433. Intermediate Managerial Accounting. 4 hours.

Development of accounting information to assist internal management decision making and use of accounting systems for control to maximize profits consistent with other management responsibilities. Prerequisite: Introduction to Financial Accounting and Introduction to Managerial Accounting, or equivalent.

ACC 435. Accounting Information Systems. 3 hours.

Information system concepts, including accounting transaction cycles and documentation techniques for various technologies, recent trends impacting computerized accounting systems and data management tasks will be addressed, emphasis on design of systems that provide adequate internal control. Prerequisite: Introduction to Financial Accounting and Introduction to Managerial Accounting, or equivalent, or consent of instructor.

Accountancy (ACC)

ACC 443. Federal Income Taxation. 4 hours.

Basic concepts of federal income taxation as they apply to individuals, corporations, and partnerships; study of current tax legislation and its consequences for social and economic aspects of society. Prerequisite: Introduction to Financial Accounting and Introduction to Managerial Accounting, or equivalent.

ACC 464. Auditing Concepts and Responsibilities. 4 hours.

Role of the attest function in society and knowledge of concepts and techniques underlying the audit process. Includes historical evolution of the attest function, its application to financial statement auditing, internal auditing, compliance auditing, and operational auditing. Same as PAD 421. Prerequisite: ACC 321, or consent of instructor.

ACC 465. Information Systems Auditing. 3 hours.

Study of auditing today's highly integrated information systems. Includes electronic data interchange, electronic commerce, data security, data warehousing, evaluation of all aspects of internal control, and risk assessment. Prerequisite: ACC 211 and 212, or ACC 311; ACC 435 or MIS 352; or consent of instructor.

ACC 490. Advanced Topics in Accountancy. 1 TO 4 hours.

Each topic covers a different accountancy concept and may include an intensive workshop. May be repeated for an indefinite number of hours, but particular topics must differ.

ACC 499. Tutorial. 1 TO 4 hours.

Independent directed study. May be repeated to a maximum of 4 hours. Prerequisite: consent of the faculty member.

ACC 505. Financial Management for Nonprofit Organizations. 4 hours.

Financial statements, financial planning and budgeting, cash management and control, fund accounting, accounting systems and reports, cash vs. accrual accounting, presentation of financial data, and financial organization and staffing. Not accepted toward requirements of Accountancy degree. Restricted to Graduate students.

ACC 507. Professional Research in Accountancy. 4 hours.

Analysis of research strategies used in conducting empirical research in the fields of financial accounting, taxation, auditing, managerial, and governmental accounting. Prerequisite: all master's degree entrance requirements. Restricted to Graduate students.

ACC 508. Advanced Managerial Accounting. 4 hours.

In-depth study of planning, control, and decision making as they relate to government, not-for-profit entities, and industry. Examines the behavioral accounting literature related to long-term planning (strategic planning), short-term planning (budgeting), organizational control, and decision making. Prerequisite: ACC 433. Restricted to Graduate students.

ACC 509. Management Accounting. 3 hours.

Study of planning and internal management decision making and the use of accounting systems for control. Financial results control systems and alternatives to traditional performance measures will be emphasized for various organizational contexts. Integrated case analysis across functional areas will be used to develop skills in implementing organizational strategies. This is a Core required course for MBA degree. Not accepted toward requirements of Accountancy degree. Restricted to Graduate students.

Accountancy (ACC)

ACC 513. Seminar in Internal and Operational Auditing. 4 hours.
Study of the development of the internal audit profession and governmental auditing. Includes the study of internal audit standards, governmental audit standards, and the application of audit techniques in performing preliminary surveys, compliance, and operational auditing. Prerequisite: ACC 464, or consent of instructor. Restricted to Graduate students.

ACC 520. Governmental and Nonprofit Accounting. 4 hours.
Major concepts, principles, and objectives of accounting for governmental and other nonprofit entities with major emphasis on external reporting issues, including analysis of comprehensive financial reports and current developments in relevant professional literature. Prerequisite: ACC 321. Restricted to Graduate students.

ACC 521. Seminar in Governmental and Nonprofit Accounting. 4 hours.
Critical analysis of the major conceptual literature in accounting and financial reporting for governmental and nonprofit entities, including such topics as disclosure quality, service efforts and accomplishments reporting, agency theory, and governmental capital markets literature. Prerequisite: ACC 520. Restricted to Graduate students.

ACC 522. Seminar in Financial Accounting. 4 hours.
Objectives of financial accounting and reporting for business and non-business entities, including ethical responsibilities of reporting and disclosure. Various theories of income measurement and asset valuation studied and compared. Prerequisite: ACC 322. Restricted to Graduate students.

ACC 524. Advanced Auditing. 4 hours.
In-depth study of generally accepted auditing and attestation standards as promulgated by the American Institute of Certified Public Accountants. Includes an in-depth study of the application of GAAS in public accounting practice. Prerequisite: ACC 464. Restricted to Graduate students.

ACC 531. Fraud Forensic Accounting. 4 hours.
Learn basic fraud concepts/schemes. Fraud/Forensic accounting is becoming an increasingly important area for companies in all industries. This is because fraud has increased to the point that regulators and investors are no longer willing to turn a blind eye toward the wrongdoings of employees, whether they are CEOs or maintenance personnel. This course will enable individuals to gain an understanding of what kinds of frauds are being committed, and what to look for when trying to uncover them. Prerequisites: ACC 211 and 212, or ACC 311, or equivalent.

ACC 544. Advanced Corporation and Partnership Taxation. 4 hours.
Tax factors affecting business decisions of corporations and partnerships; special problems in reorganizations and liquidations. Advanced development of basic concepts introduced in ACC 443; includes a major project in corporate or partnership taxation. Prerequisite: ACC 443, or equivalent. Restricted to Graduate students.

ACC 546. Tax Research. 4 hours.
Advanced topics in taxation with major emphasis on the development of tax research skills. Other topics include estates, gifts, and trusts; tax planning, training, and ethical responsibilities of a tax professional practitioner. Prerequisite: ACC 443, or equivalent. Restricted to Graduate students.

ACC 550. Professional Education and In-Agency Seminars. 1 TO 4 hours.
A maximum of four hours credit may be earned by attending professional education seminars and courses on accounting topics. To receive credit, the student must submit a proposal containing a topical outline and bibliography for approval by the program faculty before attending and prepare a project paper after attending. May be repeated to a maximum of 4 hours. Restricted to Graduate students.

Accountancy (ACC)

ACC 562. Commercial Law. 4 hours.

Treatment of legal problems inherent in business transactions and in-depth coverage of their accounting and auditing implications. Emphasizes topics important to professional accountants (e.g., contracts, commercial paper, Uniform Commercial Code, estates and trusts, securities regulations, property, and bankruptcy). Extensive use of case studies and analyses. Same as LES 562. Prerequisite: ACC 464. Restricted to Graduate students.

ACC 579. Fiduciary Law. 4 hours.

Explains the fiduciary's role in administering estates, trusts, guardianships, receiverships and individual's bankruptcy estates, qualifications, duties and liabilities of fiduciaries, accounting requirements of fiduciaries under State Federal legislation, and review Federal tax reporting requirements and tax preparation methodology. Prerequisites: ACC 443 Federal Income Tax.

ACC 581. Master's Project. 1 hour.

The master's project is the capstone of the M.A. program and fulfills the campus' closure requirement for the master's degree. After the student studies the academic and professional literature on accounting, the master's project will lead to an increased appreciation of the benefits, problems, and limitations of accounting research as well as enhance the student's interest in and ability to carry out his or her own continuing professional education. NOTE: If the project is not completed during the initial one-hour enrollment, students must register for ACC 582 for zero credit hours (one billable hour) in all subsequent semesters until the project is completed. Prerequisite: ACC 507 and consent of the faculty member chosen by the student to supervise the project. Restricted to Graduate students.

ACC 582. Master's Project Continuing Enrollment. 0 hours.

Refer to NOTE in course description for ACC 581. May be repeated. Prerequisite: ACC 581
Restricted to Graduate students.

ACC 590. Topics in Accountancy. 1 TO 4 hours.

Each topic covers a different accountancy concept and may include an intensive workshop. May be repeated for an indefinite number of hours, but particular topics must differ. Restricted to Graduate students.

ACC 599. Tutorial. 1 TO 4 hours.

Independent directed study. May be repeated to a maximum of 4 hours. Prerequisite: consent of the faculty member. Restricted to Graduate students.

African-American Studies (AAS)

AAS 241. Survey of African American History. 3 hours.

This course explores the African American "struggles and their efforts to humanize the world, i.e. shaping it in their own interests." [see Karenga, 2002] In doing so, it uses a multidisciplinary approach to qualify and analyze the diversity of those experiences. The focus of this course is the culture, perspectives and experiences of the people of African American descent living in the United States both in the past and present.

AAS 261. Survey of African American Literature. 3 hours.

This course surveys the great diversity in African American literature from the colonial era up to the present. Special attention is given to the vernacular tradition and its effects on the creative production of Black people in the U. S. although some Caribbean and African authors may be read. Various interdisciplinary and critical frameworks will be presented to facilitate comprehension and discussion of course material, including audio/visual selections.

AAS 403. Minority Women: Issues and Perspectives. 4 hours.

The experience of women of color is at the center of this course. Interdisciplinary consideration of the intersection of race, class, and gender in the lives of women past and present. Same as HIS 453, SWK 462, and WMS 403.

AAS 425. Overview of African-American Studies. 4 hours.

Overview of the field of African American studies; historical and contemporary social, religious, educational, cultural, political, and economic experiences of African American people.

AAS 432. African Americans and American Politics. 4 hours.

Examines political, economic, and social factors that affect African American participation in national, state, and local politics. Same as POS 404.

AAS 433. Civil Rights Movement of the 20th Century. 4 hours.

Examines the development of the Civil Rights Litigation Movement and the modern Civil Rights Movement. Issues of Black nationalism, reparations, pan-Africanism, socialism, communism, and Black Power are also reviewed. Major personalities such as B.T. Washington, Marcus Garvey, Asa Randolph, Queen Mother Moore, Angela Davis, and Helen Edmonds are explored and analyzed.

AAS 439. African And Diaspora Music. 4 hours.

Examines the influence of African music in the United States, Latin America, and the Caribbean. Important African and diaspora rhythms of hi-life, congo, blues, jazz, soca, salsa, samba, and many others are discussed.

AAS 440. Special Topics in African American History and Culture. 4 hours.

Selected topics of special interest in African American History. Specific topic is reflected in class title in each semester schedule. Description of topic will be available in Department office and in the Schedule Addendum. May be repeated if topics vary.

AAS 450. Special Topics in African American Studies. 4 hours.

Selected topics of special interest in African American Studies. Interdisciplinary topic is reflected in class title in each semester schedule. Description of topic will be available in Department office and in the Schedule Addendum. May be repeated if topics vary.

African-American Studies (AAS)

AAS 460. Topics in Africana Literature. 4 hours.

Selected topics of special interest in African American Literature and Culture. Interdisciplinary topic is reflected in class title in each semester schedule. Description of topic will be available in Department office and in the Schedule Addendum. May be repeated if topics vary.

AAS 464. Women's Spirituality. 4 hours.

Exploration of women's spirituality through novels, poetry, autobiographies, and essays by such authors as Gloria Naylor, Starhawk, Mary Daly, Audre Lorde, Judith Plaskow, and Carol Christ. Emphasis on students developing their own spiritual autobiographies. Same as WMS 464, ENG 464.

AAS 499. Tutorial. 1 TO 12 hours.

May be repeated to a maximum of 12 hours.

AAS 537. Treating Children from Diverse Populations. 4 hours.

Exploration of ethnicity issues confronting parents from diverse populations. Focus is on health and mental health agencies and in education and training facilities; economic, law enforcement, and religious institutions will also be considered. Problems of abuse, neglect, delinquency, and abandonment will be studied, focusing on understanding the typical solutions to these problems. Same as HMS 537. Restricted to Graduate students.

Applied Study and Experiential Learning Term (AST)

AST 300. General Applied Study Term. 2 TO 12 hours.

An individualized field experience providing students with the opportunity to apply theory, expand knowledge, determine additional learning needs, explore careers, and develop a public awareness and an appreciation of diversity. A required seminar is the academic component that provides a theoretical basis for learning and integrating the field experience. Credit/No Credit grading only. May be repeated to a maximum of 12 hours with approval.

AST 301. Project AST. 2 TO 12 hours.

An option available to students interested in developing individual projects (i.e., travel, creative works, foreign study, and research). A student doing a project must be supervised by his/her academic adviser. Credit/No Credit grading only. May be repeated to a maximum of 12 hours with approval.

AST 303. Legislative Applied Study Term. 1 TO 8 hours.

Combines a careful study of the structure and functions of legislatures with a placement on the staff of a member of the Illinois General Assembly and other similar placements. Interns may do such things as research bills, participate in committee work, and assist constituents and committee witnesses. (Available only during spring term.) Credit/No Credit grading only. May be repeated to a maximum of 8 hours with approval.

AST 305. Prior Learning Portfolio Assessment. 4 hours.

Designed to assist learners in identifying, articulating, and documenting learning acquired outside the traditional classroom. Includes the development of a portfolio containing narrative requests for credit describing specific areas of learning and the documentation verifying those claims. Credit grading only.

AST 501. Graduate Prior Learning Portfolio Assessment. 4 hours.

Designed to assist learners in identifying, articulating, and documenting learning acquired outside the traditional classroom. Includes the development of a portfolio containing narrative requests for credit describing specific areas of learning and the documentation verifying those claims. Credit/No Credit grading only. Restricted to Graduate students.

Astronomy-Physics (ASP)

ASP 101. Survey of the Universe. 4 hours.

Descriptive introduction to modern concepts of the physical nature of the astronomical universe. Topics include astronomical instrumentation, stars, the sun, nebulae, galaxies, and planets. For nonscience majors.

ASP 104. Introduction to Physical Science. 3 hours.

An introduction to physics, geology, and astronomy and the relationship of each to the other. Emphasis on critical thinking skills and problem-solving techniques using both computer-based and laboratory activities.

ASP 201. University Physics I. 4 hours.

Lectures and laboratories in kinematics; Newton's three laws; work and energy; conservation of linear momentum; angular momentum; rotational dynamics; gravitation and Kepler's laws; harmonic motion, waves, and sound. Prerequisite: Calculus.

ASP 202. University Physics II. 4 hours.

Lectures and laboratories in laws of thermodynamics; ideal gases and thermal properties; kinetic theory of gases; fluid mechanics; electricity and magnetism; RCC circuits; laws of Gauss, Ampere, and Faraday; magnetic properties, Maxwell's equations, and optics. Prerequisite: ASP 201.

ASP 203. Modern Astronomy. 4 hours.

Quantitative approach to the solar system, astrophysics, and stellar systems.

ASP 404. Astrophysics. 4 hours.

Origin, evolution, interiors, and energy production mechanisms of stars.

ASP 406. Modern Cosmology. 4 hours.

Analytical approach to the grand unified theories (GUTS) of particle physics that have recently been developed in conjunction with the standard big bang model to explain the origin, evolution, and present structure of the universe.

ASP 407. Practical Astronomy. 4 hours.

Training in observatory procedures and techniques. Imaging of objects in the solar system (planets, moon, sun) and deep-sky objects (galaxies, nebulae, star clusters) using the campus' 14- and 20-inch telescopes and associated equipment. Prerequisite: ASP 101, or equivalent.

ASP 408. Observational Astronomy. 4 hours.

Techniques of spectroscopy in determining stellar temperatures, luminosities, and chemical compositions, using the campus' 14- and 20-inch telescopes and spectrograph. Prerequisite: ASP 407.

ASP 409. Galaxies: Structure and Evolution. 4 hours.

Comprehensive study of galaxies, including development of galactic structure, star formation and distribution, interstellar medium, galactic dynamics, dark matter, and interacting galaxies.

ASP 410. Research. 1 TO 4 hours.

Investigation of a specific problem in astronomy-physics of interest to the student and instructor. May be repeated with approval.

ASP 420. Topics In Astronomy/Physics. 4 hours.

In-depth study of topics such as the solar system and theories of the universe. May be repeated if topics vary.

Biology (BIO)

BIO 106. Environmental Biology. 3 hours.

Examines ecological principles in relation to environmental problems. Emphasizes current environmental issues and possible solutions and courses of action. Prerequisites: None.

BIO 107. Environmental Biology. 1 hour.

Optional lab for BIO 106. Prerequisites: BIO 106 must be taken concurrently or have been completed with a passing grade.

BIO 141. Unity of Living Organisms. 4 hours.

An introduction to the nature of life, including the cell doctrine, the basic physical phenomena of life; a consideration of bioenergetics and biosynthesis; cell reproduction; the gene concept and genetics; and the mechanism and evidence of organic evolution. Prerequisite: Capital Scholar or permission of instructor.

BIO 241. Biology of Organisms in the Environment. 4 hours.

This course builds on the fundamentals of the Unity of Living Organisms course and serves as an integrated prelude to core courses in the Biology major. Students will learn about the unity and diversity of life, including concepts of evolution, growth and development, behavior, and the interactions of organisms with their abiotic and biotic environments. Prerequisite: BIO 141 or permission of instructor.

BIO 301. General Seminar. 3 hours.

Development of writing skills and discussion of professional ethics. Mastery of library skills and ability to organize material demonstrated by production of a paper on a scientific topic of interest and a seminar based on that paper. Recommended for the sophomore or junior year. Restricted to Science majors. Same as CHE 301. Restricted to Biology, and Chemistry.

BIO 302. Honors Seminar. 1 hour.

Integrative seminar to share research methods and experiences and analyze procedures and protocols in research. May be repeated up to 1 time(s). Restricted to Biology.

BIO 305. Plants And Society. 2 OR 4 hours.

Lecture and laboratory experiences about plants as used by people and the importance of plants in human affairs. Includes an overview of the fundamentals of life and flowering plant form, function, and reproduction. Plant products such as fruits, grains, legumes, medicines, herbs and spices, drinks, textile fibers, lumber, poisonous and psychoactive plants, and forages are studied. The two-hour option is a non-laboratory science course for non-science majors. The four-hour option is a laboratory science course for non-science majors.

BIO 311. Cell Biology. 4 hours.

Molecular basis of structure and function of cells, with an emphasis on the mechanisms of biological processes. Laboratory integrates study of cellular processes with introduction to current research techniques and instrumentation. Recommended spring of senior year. Prerequisite: Organic Chemistry.

BIO 345. General Microbiology. 3 hours.

Discussion of basic topics in microbial physiology, genetics, and ecology, along with an introduction to virology, immunology, and applied microbiology. Recommended fall of senior year. Prerequisite: Organic chemistry recommended.

Biology (BIO)

BIO 346. General Microbiology Lab. 1 hour.

Application of basic microbiological techniques to the identification and classification of microorganisms. Introduction and application of molecular genetic and immunological techniques to the study of various aspects of microbial physiology and ecology. Prerequisite: Microbiology or concurrent enrollment in BIO 345.

BIO 347. Medical Bacteriology. 4 hours.

Concise overview of pathogenic bacteriology. Includes discussion of techniques for culturing and identifying bacteria and an introduction to epidemiology. Required of clinical laboratory science students. Offered fall semester. Prerequisite: BIO 345, or equivalent.

BIO 351. Organismal Botany. 4 hours.

Development of "higher" plants from seed to seed considering both the structure and function of plants. Consideration of principles of plant systematics using representatives from both the plant and fungus kingdoms as examples. Recommended fall of junior year.

BIO 361. Comparative Vertebrate Biology. 4 hours.

Comparative study of the evolutionary origins, embryological development, and functional anatomy of the various classes of vertebrates. Interrelatedness of form and function is stressed in both lecture and laboratory. Recommended spring of junior year.

BIO 371. Principles Of Ecology. 4 hours.

Structure and function of ecological systems including basic ecological principles and concepts. Applicable to individuals, populations, communities, and ecosystems. Laboratory involves outdoor and lab experiments. Recommended fall of senior year.

BIO 381. Genetics. 4 hours.

Studies a range of topics including classical Mendelian analysis, chromosome structure and mapping, molecular genetics and recombinant DNA technology, culminating with an introduction to population genetics. Includes laboratory sessions to introduce students to problem-solving situations using the techniques of both classical and molecular genetics. Recommended spring of senior year. Prerequisite: Microbiology and cell biology.

BIO 399. Tutorial. 1 TO 12 hours.

May be repeated to a maximum of 12 hours.

BIO 400. Undergraduate Research. 1 TO 4 hours.

Independent investigation of specific problem of interest to the student. Before enrolling, a student must select a faculty member from the biology program to direct and review the project. Research paper, formal seminar, or both may be required for credit. Offered each semester. May be repeated to a maximum of 4 hours.

BIO 402. Biometrics. 4 hours.

Statistical analytical tools in biology and their application in developing strategies for experimental procedures and evaluation of results. Introduction to statistics software.

BIO 410. Topics in Biology. 1 TO 4 hours.

Study of a topic under investigation by contemporary biologists. Topic for a semester will be stated in the class schedule. Prerequisite: Dependent on topic. May be repeated if topics vary.

BIO 422. Electron Microscopy. 4 hours.

Theory and procedures of electron microscopy integrated with an understanding of ultrastructural morphology. Students develop competencies within three broad areas: material preparation, instrumentation, and information processing in both transmission and scanning electron microscopy. Emphasis on laboratory experience.

Biology (BIO)

BIO 429. Human Physiology. 4 hours.

Systems approach to understanding fundamental mechanisms of human physiology with emphasis on homeostasis: in-depth discussion of membranes and cellular mechanisms; nervous system; muscle; cardiovascular, renal, respiratory, and digestive physiology; and endocrine regulatory mechanisms. Prerequisite: Prior chemistry required; anatomy recommended.

BIO 435. Invertebrate Biology. 4 hours.

Comprehensive study of major and minor invertebrate phyla. Emphasis on morphology and adaptations, evolutionary relationships among groups. Laboratory includes field collections and study of specimens.

BIO 444. Aquatic Ecology. 4 hours.

Fundamentals of freshwater ecology, including abiotic-biotic interactions, aquatic ecosystems structure and function, and relationships among organisms. Lecture and laboratory. Same as ENS 444. Prerequisite: Ecology.

BIO 445. Biology Of Water Pollution. 4 hours.

Effects of organic wastes, industrial chemicals, and non-point pollutants on aquatic fauna and flora and humans; detection and measurement of water pollution. Laboratory involves detection and measurement of water pollution by toxicity tests and field sampling. Same as ENS 445.

BIO 446. Restoration Ecology. 4 hours.

Restoration Ecology is a relatively new and growing field of study in ecology. This course will examine the process of repairing damage caused by humans to the diversity and dynamics of ecosystems. The approach to study will be to consider examples (case studies) of successful projects, and explore design aspects to restoration. Students with a background in biology and chemistry are encouraged to attend; a course in ecology is recommended.

BIO 462. Conservation Biology. 4 hours.

Covers biological principles related to biodiversity conservation and ecosystem management including the demography and genetics of extinction risk. Causes of biodiversity loss are explored and approaches to curb the losses.

BIO 479. Evolution. 4 hours.

Origin of life and history of development of living systems. Analysis of classical Darwinism, the Neo-Darwinian synthesis, and mechanisms of evolution, with emphasis on microevolutionary studies as an analytical tool.

BIO 499. Tutorial. 1 TO 12 hours.

May be repeated to a maximum of 12 hours.

BIO 502. Biological Research and Policy I. 2 hours.

First part of a two-course sequence. Must be taken during the first fall semester of graduate enrollment. An introduction to graduate studies that emphasizes graduate student responsibilities, introduction to faculty advisers and research topics, development of library research skills, conceptualization of a topic and course of study for the M.S. thesis or project, completion of a professional presentation, and exploration of societal policy interactions in science. Offered every fall. Prerequisite: Biology graduate standing. Restricted to Biology. Restricted to Graduate students.

Biology (BIO)

BIO 503. Biological Research and Policy II. 2 hours.

Second part of a two-course sequence. Must be taken in the spring semester immediately after enrollment in BIO 502. Students complete introduction to graduate studies and extend their skills in library research, professional presentation, and research study design. Students select a research adviser and thesis/project advisory committee, as well as develop and present a draft proposal of their theses/projects. Societal policy applications and implications are addressed throughout. Offered every spring. Prerequisite: Biology graduate standing and BIO 502. Restricted to Biology. Restricted to Graduate students.

BIO 510. Topics In Biology. 1 TO 4 hours.

Intensive study of a topic under investigation by contemporary biologists. Description of topic for a given semester will be stated in course schedule. Offered every semester. Prerequisite: Dependent on topic. May be repeated if topics vary. Restricted to Graduate students.

BIO 551. Advanced Cell Biology and Molecular Biology. 4 hours.

Critical analysis of selected concepts in eukaryote cell and molecular biology, a subject of intense current scientific inquiry. Focuses on modern technology in the study of molecular mechanisms of eukaryote cell functions. Prerequisite: BIO 311, or permission of instructor. Restricted to Graduate students.

BIO 561. Advanced Microbiology. 4 hours.

Selected advanced topics that may vary in response to student need but include aspects of microbial physiology such as growth, metabolism, photosynthesis, and genetics. Independent laboratory project required. Prerequisite: BIO 345, or permission of instructor. Restricted to Graduate students.

BIO 571. Advanced Ecology and Evolution. 4 hours.

Critical review of contemporary ecological concepts, mainly through analysis and discussion of primary references. Prerequisite: BIO 371, or permission of instructor. Restricted to Graduate students.

BIO 575. Master's Project. 2 OR 4 hours.

An in-depth investigation of a biological topic that may analyze existing data and/or be related to science policy. Conducted under the supervision of a faculty adviser and advisory committee. Product must be approved by the graduate committee. NOTE: If the project is not completed by the time four hours are accrued in continuing enrollment, students must register for BIO 576 for zero credit hours (one billable hour) in all subsequent semesters until the project is completed. May be repeated to a maximum of 4 hours. Restricted to Biology. Restricted to Graduate students.

BIO 576. Master's Project Continuing Enrollment. 0 hours.

Refer to NOTE in course description for BIO 575. May be repeated. Restricted to Biology. Restricted to Graduate students.

BIO 580. Independent Research. 1 TO 6 hours.

Student may enroll for 1 to 6 hours of graduate research with the permission of a biology faculty member. May be repeated to a maximum of 6 hours. Restricted to Biology. Restricted to Graduate students.

Biology (BIO)

BIO 585. Master's Thesis. 1 TO 4 hours.

A research effort involving collection and analysis of original data (e.g., field or laboratory experiments). Conducted under supervision of a faculty adviser and advisory committee. Thesis must be approved by the graduate committee. NOTE: If the thesis is not completed by the time eight hours are accrued in BIO 585 in continuing enrollment, students must register for BIO 586 for zero credit hours (one billable hour) in all subsequent semesters until the thesis is complete. May be repeated to a maximum of 8 hours. Prerequisite: Permission of Instructor. Restricted to Biology. Restricted to Graduate students. Restricted to Biology. Restricted to Graduate students.

BIO 586. Master's Thesis Continuing Enrollment. 0 hours.

Refer to NOTE in course description for BIO 585. May be repeated. Restricted to Biology. Restricted to Graduate students.

BIO 599. Tutorial. 1 TO 12 hours.

May be repeated to a maximum of 12 hours. Restricted to Biology. Restricted to Graduate students.

Business Administration (BUS)

BUS 301. Marketing Communications. 4 hours.

Online service course for students not in the College of Business and Management and for students with no prior coursework in business or marketing. An introduction to business and marketing is followed by several major topics within the field of marketing including targeting, advertising, two-way communications, marketing on the Internet, sales management, and the personal selling process. May not be used toward any degree awarded by the College of Business and Management. Not intended for Business and Management.

BUS 302. Principles of Financial Management. 3 hours.

Introduction to the analysis of financial operations, decision processes, and analytic tools used in the financial management of the business enterprise. Provides special attention to areas of capital budgeting, cost of capital, ethical issues, investment decisions, and working capital management. (CBM Core Course) Prerequisites: ACC 311, ECO 313, ECO 315, and advanced mathematics, or equivalents.

BUS 303. Current Issues in Business: A Liberal Studies Perspective. 4 hours.

Service course for non-business students. It blends issues from business with relevant concepts from science, social science and the liberal arts. Starting with considerations of the environment of business - social, economic, legal/regulatory, competitive, and ethical - the course relates current issues in the functional areas of business such as marketing and information systems to the formulation of business strategy. May not be used toward any degree awarded by the College of Business and Management. Not intended for Business and Management.

BUS 310. Topics in Business Administration. 1 TO 4 hours.

Each topic covers a different concept in Business Administration and may include an intensive workshop. May be repeated for an indefinite number of hours, but particular topics must vary. Prerequisite: All foundation courses.

BUS 312. Principles of Marketing. 3 hours.

Covers the basic theories that guide marketing practice, and acquaints students with the fundamental concepts of marketing. The course focuses on marketers' use of price, product, promotion, and distribution strategies to create a sustainable differential for a target market segment. (CBM Core Course) Prerequisites: ACC 311, ECO 315, or equivalents.

BUS 322. Principles of Operations Management. 3 hours.

Introduction to OM techniques including their application to functional areas of the business enterprise and operations control. Topics include product and production planning, facilities layout and location planning, project evaluation and control, linear programming, waiting line and inventory modeling, production control, and quality planning and control. (CBM Core Course) Prerequisites: ECO 313 and advanced mathematics, or equivalents.

BUS 331. Business And Society. 4 hours.

Role of business in our society and the interactions it has with various segments of the society. Specific areas examined include the legal environment; social responsibility of business, political, and social forces; and ethical dilemmas that can occur. Prerequisite: ECO 315, or equivalent.

BUS 332. Legal Environment of Business. 4 hours.

Introduction to the nature and function of law and legal systems and their impact on business. Specific areas of study include private, regulatory, securities, labor, employment, and antitrust law and business organization. Prerequisite: ECO 315, or equivalent.

Business Administration (BUS)

BUS 351. Human Resource Management. 4 hours.

Introduction to the field of human resource management. Topics include employment, placement, personnel planning, training and development, performance appraisal, compensation and benefits, labor relations, and legal and ethical issues associated with health, safety, and security. These topics are examined in relation to the operational activities of the profit-seeking business enterprise. Prerequisite: ECO 313, or equivalent.

BUS 354. Entrepreneurship. 4 hours.

Elements of entrepreneurship, highlighting successful characteristics. Functions of the entrepreneur explained and illustrated. Students examine personal and commercial strategies that can be used in establishing new business ventures. Prerequisite: BUS 312.

BUS 355. Small Business Management. 4 hours.

Role of small business in the economy, characteristics of small businesses and owner-managers, marketing and producing product or service, maintaining financial health, and the future of small business. Prerequisite: BUS 312.

BUS 356. Franchising. 4 hours.

History of franchising, with pros and cons and how to plan a franchise. Primary functional components explained and illustrated, including marketing, finance, legality, and operations. The franchise package, franchiser/franchisee relationships, and international franchising also addressed. Prerequisite: BUS 312.

BUS 410. Advanced Topics in Business Administration. 1 TO 4 hours.

Each topic covers a different concept in Business Administration and may include an intensive workshop. May be repeated for an indefinite number of hours, but particular topics must vary. Prerequisite: All foundation courses.

BUS 420. Topics in External Environment. 1 TO 4 hours.

Each topic covers a different external environment concept and may include an intensive workshop. May be repeated for an indefinite number of hours, but particular topics must vary. Prerequisite: BUS 332.

BUS 430. Topics in Marketing. 1 TO 4 hours.

Each topic covers a different marketing concept and may include an intensive workshop. May be repeated for an indefinite number of hours, but particular topics must vary. Prerequisite: BUS 312.

BUS 433. Introduction to Marketing Management. 4 hours.

Introduction to marketing management including the establishment of marketing objectives, the identification of target markets, and the development, execution, and implementation of marketing mixes. Prerequisite: BUS 312.

BUS 435. Sales And Sales Management. 4 hours.

Principles of successful professional selling. The management aspect concerns recruitment, organization, motivation, direction, and control of the sales force. Requires access to the Internet for some assignments. Prerequisite: BUS 312.

BUS 436. Marketing Promotions. 4 hours.

In-depth study of the major concepts in the promotional aspect of marketing management. Particular emphasis is placed on the elements of the promotion mix (i.e., personal selling, sales promotion, direct marketing, advertising, public relations/publicity) as well as the promotion planning process and the development of promotion strategy, a vitally important element of an organization's marketing promotions. Prerequisite: BUS 312.

Business Administration (BUS)

BUS 440. Topics in Finance. 1 TO 4 hours.

Each topic covers a different finance concept and may include an intensive workshop. Course information: May be repeated if topics vary. Prerequisite: BUS 302.

BUS 443. Financial Investment Analysis. 4 hours.

Elements of an "ideal" investment and examination and testing of specific investment securities. Considers alternative approaches to management of stock and fixed-income security portfolios. Problems and cases are assigned for analysis. Prerequisite: BUS 302.

BUS 445. Financial Institution Management. 4 hours.

Introduction to the financial management of financial institutions. Provides broad knowledge and skills in the practices of commercial bank, pension fund, thrift, insurance, and finance company management. An analysis of the nature, purposes, and objectives of the American financial system is stressed. Topics also include "nonbanks" and financial regulation/deregulation.

Prerequisite: BUS 302.

BUS 449. Production Planning and Quality Control. 4 hours.

Selected topics from production theory, application of quantitative methods to current production problems, and integration of production planning within overall objectives of the firm. Prerequisite: BUS 322.

BUS 450. Topics in Production Operations Management. 1 TO 4 hours.

Each topic covers a different production operations management concept and may include an intensive workshop. May be repeated for an indefinite number of hours, but particular topics must differ. Prerequisite: BUS 322.

BUS 458. Quality Management. 4 hours.

Examines the theory, history, and management of quality management programs in business organizations in the U.S. and abroad. The primary focus will be on the management of quality in the areas of operations and human resources in manufacturing and service industries. Same as MGT 458. Prerequisite: BUS 341 or MGT 310.

BUS 459. Production and Inventory Management. 4 hours.

Models used for materials management and control of purchased goods and services. Includes EOQ models, simulations, cases, exercises, and problems. Prerequisite: BUS 322.

BUS 460. Topics in Organizational Behavior. 1 TO 4 hours.

Each topic covers a different organizational behavior concept and may include an intensive workshop. May be repeated for an indefinite number of hours, but particular topics must differ.

BUS 470. Topics in Human Resource Management. 1 TO 4 hours.

Each topic covers a different human resource management concept and may include an intensive workshop. May be repeated for an indefinite number of hours, but particular topics must differ.

BUS 471. Human Resources Planning and Staffing. 4 hours.

Addresses organizational analysis, job analysis and its impact on other HR functions (i.e. recruitment, and selection, performance appraisal, compensation), determining employee staffing levels, recruitment processes and sources to maximize the number of qualified applicants for positions, and effective selection techniques.

Business Administration (BUS)

BUS 472. Compensation and Benefit Strategies. 4 hours.

An exploration of total compensation in support of organizational strategy. Components of total compensation are evaluated with respect to whether they appropriately influence behavior in light of four questions. Do people join an organization because of pay? Do people stay or leave because of pay? Do people perform better because of pay? Do people more readily agree to develop relevant job skills because of pay? Prerequisite: BUS 351 or MGT 431 or MGT 310.

BUS 473. Employee Appraisal and Development. 4 hours.

Examines processes by which organizations and managers provide feedback and develop employee talents to their maximum potential. Topics include needs assessment, employee performance appraisal, career planning, and training. Prerequisite: BUS 351 or MGT 431 or MGT 310.

BUS 483. Business Policy. 4 hours.

Problem solving in business from an upper-management perspective. Interrelationships between the marketing, finance, operations, and human behavior perspectives are addressed, particularly with respect to developing enterprise strategies to attain objectives in the context of the containing environment. Also considers corporate social responsibility to the individual and society. Prerequisites: All Core courses.

BUS 499. Tutorial in Business Administration. 1 TO 10 hours.

May be repeated to a maximum of 10 hours if topics vary.

BUS 501. Business Perspectives. 3 hours.

This is the gateway course to MBA program core curriculum. Focus is placed on assessment of environmental and strategic contingencies impacting organizations and industries in which they operate. Inter-functional relationships among organizational units are also examined. Topics include general, legal and ethical issues in business, and the roles of globalization, diversity, technology, entrepreneurship, and innovation in shaping the nature of competitive environments. Prerequisites: Completion of all foundation coursework or concurrent enrollment in any remaining foundation coursework. Peoria Cohort students must complete all prerequisites prior to enrolling in this course. Restricted to Graduate students.

BUS 502. Managerial Finance. 3 hours.

Concepts and variables used in financial analysis, planning, and control. Topics include financial forecasting, capital budgeting, leverage, valuation, cost of capital, asset/liability management, capital market instruments, and legal and ethical issues as they relate to financial management. Prerequisite: Completion of all foundation coursework and completion of or concurrent enrollment in BUS 500. Peoria Cohort students must complete all prerequisites prior to enrolling in this course. Restricted to Graduate students.

BUS 505. Investments. 4 hours.

A perspective on the timing, instruments, and choices available to the personal investor who seeks to build a wealth base over time. Shows the investment network that assists and facilitates the efforts of the individual, including the role of security analysts, portfolio managers, the organized markets, and the so-called over-the-counter arena. Current regulations and investor safeguards in law and regulations are reviewed. Prerequisite: BUS 502. Restricted to Graduate students.

BUS 507. Advanced Financial Management. 4 hours.

In-depth study of theories and cases dealing with investment and financial decisions of the firm: capital budgeting under uncertainties, cost of capital, dividend policies, capital structure management, international financial management, and acquisitions and mergers. Prerequisite: BUS 502. Restricted to Graduate students.

Business Administration (BUS)

BUS 508. Portfolio and Security Analysis. 4 hours.

Study and application of analytical techniques in the analysis of financial statements of firms with traded securities, including development of efficient security portfolios. Prerequisite: BUS 505.

Restricted to Graduate students.

BUS 510. Topics In Finance. 4 hours.

Advanced study in specific topics, to be announced when offered. May be repeated if topics vary.

Prerequisite: BUS 502. Restricted to Graduate students.

BUS 512. Marketing Management. 3 hours.

Study of the conceptual foundations and practices of contemporary marketing as well as the planning, implementation, and control of the marketing function. Topics include situation analysis; marketing objectives; target market selection; and product, promotion, pricing, and physical distribution decisions. Prerequisite: Completion of all foundation coursework and completion of or concurrent enrollment in BUS 500. Peoria Cohort students must complete all prerequisites prior to enrolling in this course. Restricted to Graduate students.

BUS 515. Marketing Strategy. 4 hours.

Advanced study of the role of marketing in the strategic business planning process, including strategic environmental analysis, organizational mission and objectives, organizational strategy, identification of strategic business units, and analysis and evaluation of organizational business portfolios. Prerequisite: BUS 512. Restricted to Graduate students.

BUS 520. Topics In Marketing. 4 hours.

Advanced study in specific topics, to be announced when offered. May be repeated if topics vary.

Prerequisite: BUS 512. Restricted to Graduate students.

BUS 521. Research Methods and Statistical Analysis. 3 hours.

Methods used for collection, analysis, and interpretation of various types of business research data from the perspective of design, execution, and evaluation of research projects as well as requests for research. Emphasis is given to using research analysis methods for decision making within business organizations. Prerequisites: Completion of all foundation coursework and completion or concurrent enrollment in BUS 500. Peoria Cohort students must complete all prerequisites prior to enrolling in this course. Restricted to Graduate students.

BUS 522. Production and Operations Management. 3 hours.

Operations management concerns the production and delivery of goods and services. This course focuses on those business processes, procedures and strategies used to transform various inputs into finished goods and services. Focus is on both understanding how the provision of goods is organized and managed and recognizing potential areas of improvement in the management or production of goods and services. Also of major study will be how operations management interfaces with other functional areas and the various issues and problems that traditionally arise in the field of operations management, including those related to technology, globalization, and ethics. Prerequisites: Completion of all foundation coursework and completion, or concurrent enrollment in, BUS 500. Peoria Cohort students must complete all prerequisites prior to enrolling in this course. Restricted to Graduate students.

BUS 524. Project/Program Management and Control. 4 hours.

Techniques and methods for planning, managing, and controlling one-time major projects and programs. Topics include systems theory and analysis, stochastic planning and control methods, and simulation. Emphasis on PERT/CPM techniques, decision trees, and Monte Carlo processes. Prerequisite: BUS 522. Restricted to Graduate students.

Business Administration (BUS)

BUS 530. Topics in Production/Operations Management. 4 hours.

Advanced study in specific topics, to be announced when offered. May be repeated if topics vary. Prerequisite: BUS 522. Restricted to Graduate students.

BUS 531. Legal Issues in Business. 4 hours.

Review and analysis of current laws and regulations that frame the external environment for private business operations in the U.S. Emphasis on state and federal regulations; agency governance and surveillance; and business requirements, cost, and response. Special applications to the production, distribution, and financial functions of the firm are considered along with trends and major developments in case law. Prerequisite: Completion of or concurrent enrollment in BUS 500 or completion of ECO 315, or equivalent, for students seeking other degrees. Restricted to Graduate students.

BUS 536. Promotional Strategy. 4 hours.

In-depth study of the communications function of marketing. In addition to the traditional promotion mix elements (direct marketing, advertising, sales promotion, personal selling, and publicity/public relations), the course examines the underlying consumer behavior, communication, and psychological theories that serve as a foundation for the promotion planning process and the development of promotional strategy, a vitally important part of an organization's marketing program. Prerequisite: BUS 512. Restricted to Graduate students.

BUS 540. Topics in External Environment. 4 hours.

Advanced study in specific topics, to be announced when offered. May be repeated if topics vary. Prerequisite: BUS 500, or approved equivalent. Restricted to Graduate students. Restricted to Graduate students.

BUS 541. Organizational Behavior. 3 hours.

Examination of impacts of individuals, groups, and structural attributes on behavior within organizations. Topics include historical development of management, personality and perception, motivation, group dynamics, power and politics, diversity, organizational design, legal issues in human resource administration, ethical issues as they relate to leadership and the administration of employees, and organizational change and development. Major emphasis is placed on the application and synthesis of key concepts in designing and maintaining effective work environments. Prerequisites: Completion of all foundation coursework and completion or concurrent enrollment in BUS 500. Peoria Cohort students must complete all prerequisites prior to enrolling in this course. Restricted to Graduate students.

BUS 550. Topics in Organizational Behavior. 4 hours.

Advanced study of specific topics, to be announced when offered. May be repeated if topics vary. Prerequisite: BUS 541. Restricted to Graduate students.

BUS 551. Human Resource Management. 4 hours.

Operational approach to managing people at work, drawing from behavioral sciences. Builds on the concept of reconciliation and integration of worker-organizational interests through supportive situation-oriented leadership by both line and staff managers. Focuses on emerging issues and concepts relating to management of human resources of an organization. Prerequisite: BUS 541, or equivalent. Restricted to Graduate students. Restricted to Graduate students.

BUS 560. Topics in Human Resource Management. 4 hours.

Advanced study in specific topics, to be announced when offered. May be repeated if topics vary. Prerequisite: BUS 551. Restricted to Graduate students. Restricted to Graduate students.

Business Administration (BUS)

BUS 583. Business Strategy. 3 hours.

Emphasizes the formulation of organizational missions and goals the implementation of policies and strategies to assure their achievement. Focus is placed on the oversight of entire operations in light of stakeholder expectations and legal and ethical considerations. Must be taken during student's final semester of coursework. NOTE: Campus policy requires that students not completing BUS 583 during the first enrollment of three hours must enroll for BUS 584 for zero credit hours (one billable hour) each semester (excluding summer terms) until the course requirements are met. Prerequisite: Completion of all MBA core coursework. Restricted to Business Administration (MBA). Restricted to Graduate students. Restricted to Business Administration (MBA). Restricted to Graduate students.

BUS 584. Business Strategy Continuing Enrollment. 0 hours.

Refer to NOTE in course description for BUS 583. May be repeated. Restricted to Business Administration (MBA). Restricted to Graduate students. Restricted to Business Administration (MBA). Restricted to Graduate students.

BUS 595. Social Capital and Values. 4 hours.

Examines various definitions of social capital and the role it plays in business and politics. The class integrates topics in business ethics, strategy and political philosophy with a research component. Same as PHI 537, and POS 537. Restricted to Graduate students. Restricted to Graduate students.

BUS 599. Tutorial in Business Administration. 1 TO 8 hours.

May be repeated to a maximum of 8 hours. Restricted to Graduate students. Restricted to Graduate students.

Capital Scholars Courses (CAP)

CAP 111. Honors Composition. 3 hours.

Enhances students' critical thinking and essay writing skills and ensures that they have the skills to write at college level. Major writing assignments will evolve from and complement the course CAP 121 How Do You Know? Exploring Human Knowledge, which will be taken concurrently. Operating as a "writing lab," the course includes a considerable amount of in-class writing. Prerequisite: Admission to the Capital Scholars Program. Restricted to Capital Scholar students.

CAP 112. Oral Communication. 3 hours.

Emphasizes development of effective speaking skills through students' in-class presentations and panel discussions, as well as through critical analysis of the effectiveness of oral communication. This course is not limited to "public speaking" in the narrow sense, but examines effective communication in a variety of contexts ranging from committee work through television news to formal speeches. Prerequisite: CAP 111. Restricted to Capital Scholar students.

CAP 121. How Do You Know? Exploring Human Knowledge. 3 hours.

Uses current issues, case studies, and direct experience to explore the methods that various disciplines in the humanities and social sciences employ to justify claims to knowledge. Topics include the reliability of sense perception, the influences of culture on science, research methods, fallacious arguments, and poetic truth. Prerequisite: Admission to the Capital Scholars Program. Restricted to Capital Scholar students.

CAP 122. Who Am I? Exploring Identity and Community. 3 hours.

Explores the concept of self. Major topics include the definition of self in various times and cultures, the relation of self to others and to society, the definition and presentation of self at various stages of life, and other factors affecting understanding of self, self-development, and community. Prerequisite: CAP 121. Restricted to Capital Scholar students.

CAP 131. College Mathematics. 3 hours.

Emphasizes the understanding of mathematical aspects of real-world problems using calculators and personal computers as tools. Designed for students majoring in humanities and social science fields who need a solid background in mathematics but who do not need calculus and who are not planning to take additional college-level mathematics. Includes concepts from statistics, logic and problem solving, modeling, and business in the interpretation and solution of problems. Also explores the use of mathematics in art and music. Waived for students taking other approved college mathematics courses. Must be admitted to the Capital Scholars Program. Prerequisites: C or better in intermediate algebra and geometry, or permission of instructor. Restricted to Capital Scholar students.

CAP 141. Biology and Chemistry of the Environment I. 4 hours.

Focuses on the ways humans interact with and affect the environment. Topics include the principal characteristics of the living and non-living components of the environment: atoms, matter, molecular structure, biomolecules, water, and energy, as well as cellular structure and organization. Includes lab. Prerequisite: Admission to the Capital Scholars Program. Restricted to Capital Scholar students.

CAP 142. Biology and Chemistry of the Environment II. 4 hours.

Includes the diversity of living things, the cell cycle, the energetics of living systems, ecosystems, and human transformations of the environment. Prerequisite: CAP 141. Restricted to Capital Scholar students.

Capital Scholars Courses (CAP)

CAP 211. Writing In The Discipline. 3 hours.

Introduces students to the styles and formats of written communication in specific disciplines. Sections for social science and humanities majors, science and mathematics majors, and professional and business majors are offered. Taught by teams of disciplinary faculty and writing specialists. Prerequisite: CAP 111. Restricted to Capital Scholar students.

CAP 225. What Is Good? Exploring Values and Tradeoffs. 3 hours.

Seeks to illuminate assumptions of "the good" by attempting to uncover those aspects of life considered to be valuable. Exposure to historical and cross-cultural interpretations of value as they are manifested in politics, economics, culture, science, art, and spirituality. Students will be challenged to examine their own values and will be encouraged to consider ways to change dominant culture consistent with their interpretation of the quality of life. Prerequisite: CAP 122. Restricted to Capital Scholar students.

CAP 226. What Is Power? Exploring Control, Cooperation, and Self-Determination. 3 hours.

Explores various contexts of power, analyzing definitions, concepts, and theories of power and identifying who has power and who lacks it. Major topics will include comparisons of power in specific periods of history, cross-cultural views of power, political economy, new social movements, and personal power. Prerequisite: CAP 225. Restricted to Capital Scholar students.

CAP 251. Art And Music. 3 hours.

Examines a variety of musical and artistic genres, European and non-European, traditional and popular. Focuses on issues of artistic creation, form, style, and appreciation. Prerequisite: Admission to the Capital Scholars Program. Restricted to Capital Scholar students.

CAP 252. Social Actors: People, Tribes and Organizations. 3 hours.

Examines the social and cultural implications of information technology. Explores computing and telecommunications, their development and proliferation, as well as legal and ethical issues. Includes individualized hands-on exposure to advanced and special-purpose computer hardware and software. Prerequisite: Admission to the Capital Scholars Program. Restricted to Capital Scholar students.

CAP 299. Tutorial. 1 OR 2 hours.

Restricted to Capital Scholar students.

CAP 325. Language, Thought & Reality. 4 hours.

The course explores language and meaning, how these concepts are connected, how meaning is "mapped" mentally, the dimensions and parameters different individuals use for such mapping and the effects of these variations on the people. Same as COM 325.

CAP 370. Peer Mentoring Seminar. 1 TO 2 hours.

Provides an experiential learning environment in which students receive training in the practical and theoretical aspects of mentoring. Students develop interpersonal skills as they mentor in both group and individual settings. Prerequisite: Admission to the Capital Scholars Program. Restricted to Capital Scholar students. Capital Scholars course.

CAP 401. Leadership Theories. 3 TO 4 hours.

This course explores ways in which our communication patterns constituting our personal identity makes us leaders, followers or something other than these two specifics. Emphasis will be on sets of relationships that manifest themselves from theory. Restricted to Capital Scholar students. Capital Scholars course.

Chemistry (CHE)

CHE 103. Introduction to Nanotechnology. 3 hours.

Nanotechnology is a rapidly growing force in world economics, driving the next Industrial Revolution. This course will examine what nanotechnology is through lecture. Additionally, societal and environmental implications of nanotechnology will be explored through readings and discussions.

CHE 104. Introduction to Nanotechnology. 1 hour.

Nanotechnology is a rapidly growing force in world economics, driving the next Industrial Revolution. This course will examine what nanotechnology is through laboratory exercises. Additionally, societal and environmental implications of nanotechnology will be explored through readings and discussions.

CHE 121. Materials of the Artist. 3 hours.

Art from cave paintings to digital images has been closely intertwined with chemistry and technology. In this course we will investigate the properties and applications of materials used by artists (minerals, metals, dyes, pigments, paper, glass, ceramics, and polymers). The optional laboratory (CHE 122) provides hands-on experience with these materials.

CHE 122. Materials of the Artist. 1 hour.

Art from cave paintings to digital images has been closely intertwined with chemistry and technology. In this course we will provide hands-on experience with the materials used by artists (minerals, metals, dyes, pigments, paper, glass, ceramics, and polymers). This optional laboratory to be taken with CHE 121.

CHE 141. Principles of Chemistry. 4 hours.

Introductory course examining fundamental concepts of stoichiometry, atomic structure, chemical bonding and the properties of matter. Three hours of lab experience per week. Prerequisite: High school chemistry.

CHE 241. Principles of Inorganic Chemistry. 4 hours.

The chemical concepts behind modern technical problems will be explored in a series of modules (CD players, copper mining, polymers). Topics include solid structures, solution properties, kinetics, entropy, nuclear chemistry and redox, acid-base and solubility equilibria. Laboratory experience is included. Prerequisite: CHE 141 or equivalent.

CHE 301. General Seminar. 3 hours.

Development of writing skills and discussion of professional ethics. Mastery of library skills and ability to organize material demonstrated by production of a paper on a scientific topic of interest and a seminar based on that paper. Recommended for the sophomore or junior year. Same as BIO 301. Restricted to Science majors. Restricted to Biology, and Chemistry.

CHE 311. Chemistry Of Everyday Life. 3 TO 4 hours.

Applications of chemistry in living organisms and in society examined in laboratory and lecture settings. Chemical principles studied in relation to health and consumer awareness. Four-hour option includes laboratory.

CHE 315. Introduction to Forensic Science. 4 hours.

Introduces the scientific basis of forensics investigations. Discusses basic procedures for investigation of crime scenes through deductive reasoning, case history/problem-solving approach. Topics include fingerprints, soil/imprints, toxicology, ballistic, blood/body fluid analysis, DNA fingerprints, and PCR technology. Same as CLS 315.

Chemistry (CHE)

CHE 321. Chemical Analysis. 3 hours.

Introduction to acquisition and analysis of chemical data, statistical analysis and method evaluation. Discussion of acid-base chemistry, physical and chemical methods of separation and optical spectroscopy. Must enroll concurrently in CHE 322.

CHE 322. Laboratory Techniques. 1 hour.

Introduction to basic laboratory techniques and procedures necessary for competent performance. Topics will include laboratory safety, volumetric and gravimetric measurements, titrations, critical evaluation of data, laboratory mathematics, preparing solutions and dilutions, and basic spectrophotometric measurements. Prerequisite: one year of general chemistry.

CHE 367. Fundamental Organic Reactions. 3 hours.

Study of organic reactions and structures with application of these principles to biochemistry. Prerequisite: one year of general chemistry.

CHE 368. Experimental Organic Chemistry. 1 hour.

Laboratory course cultivating techniques for separation, purification, and identification of organic compounds. Application of techniques to illustrative organic preparations. Prerequisite: CHE 367, or concurrent enrollment.

CHE 369. Bio-Organic Chemistry. 4 hours.

Second-semester course in organic chemistry that builds on a basic knowledge of organic structure and reactions. Knowledge of organic synthesis and reaction mechanisms will be applied to biological systems and to the environment. Topics covered will include the relationship of structure to function of organic molecules, catalysis, and new reactions that minimize environmental impact (Green Chemistry). Prerequisite: CHE 367, CHE 368 or one semester of Organic Chemistry.

CHE 399. Tutorial. 1 TO 12 hours.

May be repeated to a maximum of 12 hours.

CHE 400. Undergraduate Research. 1 TO 6 hours.

Investigation of a specific problem of interest to the student. Directed and reviewed by a faculty member. May be repeated with approval.

CHE 401. Physical Chemistry I - Thermodynamics. 3 hours.

Development of principles of classical thermodynamics; equations of state; first and second laws and their applications. Prerequisite: one year of calculus.

CHE 402. Physical Chemistry II. 3 hours.

Examination of thermodynamic considerations that control the position of chemical equilibrium and kinetic factors that govern reaction rates. Discussion of current theories of chemical bonding in ionic and covalent compounds. Emphasis on correlation of experimental data and prediction of structures of chemical compounds. Prerequisite: CHE 401

CHE 415. Biochemistry I. 3 TO 4 hours.

Survey of energy metabolism, structure, biological function, and biosynthesis of proteins, carbohydrates, nucleic acids, and other important cellular components. Introduction to biochemical literature. Four-hour option includes laboratory. Laboratory includes preparative and analytical techniques. Prerequisite: Organic Chemistry.

Chemistry (CHE)

CHE 416. Biochemistry II. 3 TO 4 hours.

Review of nucleic acid structure, metabolism, and their roles in living organisms. Mutagenesis, repair, recombination, replication, and regulation. Biotechnology, medicinal, and industrial applications. Four credit hour option includes laboratory. Prerequisite: CHE 415 or CHE 433 or equivalent.

CHE 418. Biochemical Laboratory Methods. 2 hours.

Techniques in the manipulation of biologically relevant molecules. Protein, nucleic acid, and metabolite isolation and characterization; enzymatic, blotting, and microscale analysis. Forensic, clinical, and research laboratory methods; quantitative analysis. Prerequisite: CHE 415, CHE 433 or equivalent. CHE 433 may be taken concurrently.

CHE 421. Instrumental Analysis. 4 hours.

Overview of separation methods such as Gas Chromatography, High Performance Liquid Chromatography and Capillary Electrophoresis. Spectroscopic techniques include Mass Spectrometry, Optical Spectroscopy including UV-Visible, Infrared and Atomic Absorption. Electrochemical methods. Prerequisite: CHE 367 or equivalent.

CHE 422. Inorganic Chemistry. 3 hours.

Survey of the bonding, structure, and reactivity of solid-state materials, main group compounds, and transition metal complexes. Examples from the interdisciplinary areas of organometallic chemistry, bioinorganic chemistry, and materials science will be presented. Prerequisite: CHE 402, or concurrent enrollment.

CHE 431. Environmental Chemistry. 4 hours.

Chemical principles behind various environmental processes and analytical chemistry techniques used to solve environmental problems will be introduced. Interactions between the geosphere, the hydrosphere, and the atmosphere will be explored. Issues of waste remediation, disposal and energy resources will be addressed. Same as ENS 447.

CHE 433. Physiological Chemistry. 4 hours.

Physiological biochemistry, with emphasis on metabolic interpretation of normal and altered physiologic states of the human organism. Prerequisite: Organic Chemistry. Anatomy and physiology recommended.

CHE 436. Medicinal Chemistry. 4 hours.

Chemistry of pharmaceutical/target interactions. Basic mechanisms of drug action, including enzyme inhibitors and systems employing ion channels and second messengers. Physiological systems affected, strategies for drug design and analysis; computational, combinatorial, and biopharmaceutical approaches. Prerequisite: CHE 415 or equivalent.

CHE 441. Integrated Chemistry Laboratory. 1 hour.

A stand-alone course designed to introduce students to various laboratory techniques in the fields of physical and inorganic chemistry. Inorganic compounds will be synthesized and then characterized by physical chemical methods. Computer simulations will be used to visualize concepts. Prerequisite: CHE 402 or concurrent enrollment.

CHE 465. Environmental Toxicology. 4 hours.

Study of effects of toxic chemicals on the environment. Included are sources, transport, chemical behavior, and toxic mechanisms of environmental pollutants. Same as ENS 449. Prerequisite: Organic chemistry or cell biology.

Chemistry (CHE)

CHE 480. Special Topics In Chemistry. 1 TO 4 hours.

Advanced topics which may involve instruction, laboratory, and/or independent study. Topics will vary depending on student interest and area of expertise of instructor. May be repeated if topics vary. Students may register in more than one section per term.

CHE 499. Tutorial. 1 TO 4 hours.

May be repeated if topics vary.

Clinical Laboratory Science (CLS)

CLS 315. Introduction to Forensic Science. 4 hours.

Introduces the scientific basis of forensics investigations. Discusses basic procedures for investigation of crime scenes through deductive reasoning, case history/problem-solving approach. Topics include fingerprints, soil/imprints, toxicology, ballistics, blood/body fluid analysis, DNA fingerprints, and PCR technology.

CLS 321. Seminar in Clinical Laboratory Science. 2 hours.

An introduction to the profession of clinical laboratory science. Laboratory organization, roles, and credentialing of laboratory practitioners are discussed. Standards, ethics, and current professional issues are examined. Communication skill development and review of scientific literature are included. Instruction and experience in blood collection techniques are included.

CLS 400. Applied Research. 1 TO 4 hours.

Directed research in procedure development or in-depth investigation of a specific area in clinical laboratory science. Topic approved and hours assigned by instructor. Written report required. May be repeated to a maximum of 4 hours. Restricted to Clinical Laboratory Science.

CLS 401. Introduction to Clinical Chemistry. 2 hours.

Lecture/laboratory course focusing on clinical significance and methodology of carbohydrates, proteins, lipids, enzymes, electrolytes, blood gases, acid-base balance, liver function, kidney function, and endocrinology. Emphasis on quality control as it applies to selected clinical chemistry procedures.

CLS 402. Introduction to Hematology. 2 hours.

Lecture/laboratory course that emphasizes basic hematologic principles. Manual and automated procedures are performed. Emphasis on morphology and clinical applications.

CLS 403. Introduction to Immunohematology. 2 hours.

Lecture/laboratory course emphasizing immunohematologic concepts and properties underlying scientific principles of blood banking. Includes theory and practical applications of blood-group systems, antibody identification and compatibility testing, hemolytic disease of the newborn, autoimmune hemolytic anemia, and donor procurement and processing.

CLS 404. Introduction to Hemostasis. 1 hour.

Lecture/laboratory course that emphasizes components in the blood related to hemostatic mechanisms. Includes principles of procedures involved and their relationship to diagnosis and treatment of disease.

CLS 405. Introduction to Urinalysis. 2 hours.

Lecture/laboratory course emphasizing qualitative, quantitative, and microscopic examination of urine. Includes special analytical procedures and their relationship to diagnosing and monitoring disease and health.

CLS 411. Clinical Education/Management. 3 hours.

Processes and practices of laboratory consulting and management. Also includes basic principles of competency-based education, development of course objectives, evaluation procedures, and teaching techniques.

CLS 421. Clinical Chemistry Laboratory. 4 hours.

Provides an opportunity to apply chemical and immunologic theory and practice to routine and special clinical chemistry procedures, toxicology, therapeutic drug monitoring, and urinalysis. Also includes immunologic procedures. Includes instruction and experience in the use, standardization, and maintenance of sophisticated laboratory analyzers. Prerequisites: CLS 401, CLS 405, CLS 448, and CLS 454.

Clinical Laboratory Science (CLS)

CLS 422. Clinical Hematology Laboratory. 3 hours.

Automated and manual methods of cell counting and differentiation are performed on blood and other body fluids. Instruction and experience in advanced instrumentation using automated cell counters and differential systems, coagulation and platelet analyzers, and special hematologic testing of white and red cells using cytochemistry techniques are provided to identify disease states and disorders. Prerequisite: Senior in Clinical Laboratory Science program.

CLS 423. Clinical Microbiology Lab. 3 hours.

Isolation and identification of clinically important bacteria, mycobacteria, and fungi including antibiotic susceptibility testing. Techniques for identifying parasites are included. Prerequisite: Senior in Clinical Laboratory Science program.

CLS 424. Clinical Immunohematology Laboratory. 2 hours.

Blood typing, antibody screening and identification, compatibility testing, and other immunohematologic procedures are included. Emphasis is on operation and problem-solving in a modern transfusion service. Prerequisite: Senior in Clinical Laboratory Science program.

CLS 431. Special Topics in Clinical Laboratory Science. 1 TO 4 hours.

Directed research and observational experience opportunities in alternative clinical laboratory science practice arenas. Topics and sites must be approved by the instructor. Written report required. May be repeated to a maximum of 4 hours if topics vary.

CLS 447. Medical Mycology, Parasitology and Virology. 4 hours.

Overview of medically significant fungi, parasites, and viruses. Emphasis will be placed on pathogenesis, modes of transmission, and identification. Laboratory techniques used in isolation, cultivation, and identification will be used. Also included will be discussions of epidemiology and host response regarding these microorganisms.

CLS 448. Introduction to Immunology. 4 hours.

Lecture/laboratory course introducing immunologic principles, concepts, and techniques including components of the immune system, immune response, and antigen-antibody reactions.

CLS 451. Advanced Concepts in Immunohematology. 2 hours.

Lecture/laboratory focusing on problem-solving and special techniques used in antibody identification and compatibility testing. Also includes a discussion of donor requirements, blood component preparation and therapy, and quality assurance in the blood bank/transfusion service.

CLS 452. Advanced Concepts in Hematology. 2 hours.

Lecture/laboratory focusing on advanced principles of hematologic testing leading to improved interpretative skills in hematology. Emphasis on correlation of data with disease states and disorders. Case studies and discussion used to illustrate the pathophysiology of hematological dysfunction.

CLS 454. Advanced Concepts in Clinical Chemistry. 2 hours.

Lecture/laboratory focusing on clinical significance and methodology of trace elements, vitamins, therapeutic drug monitoring, and toxicology. Newer testing methods used to identify diseases/disorders will be discussed. Emphasizes instrument selection and method validation process.

CLS 456. Clinical Correlations. 2 hours.

Use of problem-based case studies to analyze clinical situations and correlate laboratory data.

CLS 499. Tutorial. 1 TO 4 hours.

May be repeated to a maximum of 4 hours if topics vary.

Communication (COM)

COM 112. Oral Communication. 3 hours.

Emphasizes development of effective speaking skills through students' in-class presentations as well as through critical analysis of the effectiveness of oral communication.

COM 205. Forensics Participation I. 1 hour.

Participation in public address, oral interpretation, and/or parliamentary debate competition. Students will participate in weekly group practices and individual coaching sessions in preparation for tournament competition. May be repeated up to 3 times.

COM 210. Media Writing. 4 hours.

Introduction to the many types of media writing including print and broadcast news, advertising, public relations, and web. Focus is given to all attributes of the writing process, as well as to editing skills and the proper use of grammar and style according to The Associated Press Stylebook.

COM 274. Introduction to Theatre. 3 hours.

This introduction to theatre course is a survey and analysis of dramatic forms, significant genres, historical periods, plays, playwrights, and other artists of the theatre. Students read plays, attend productions of plays, discuss the work of many major theatre artists as well as support their own views of what they have read and seen. Topical area: Interpersonal & Organizational.

COM 302. Introduction to Interpersonal/Organizational Communication. 4 hours.

Fundamental theories and concepts in interpersonal and organizational communication. Specific theories of how humans establish meaning systems and form communication relationships. Topical area: Interpersonal & Organizational. Not intended for students with Freshman standing.

COM 303. Introduction to Mass Media. 4 hours.

Introduction to mass media, including theory, history and tradition, structure and function, controls on the media, technology, ethical and legal issues, and future trends. Topical area: Mass Media. Not intended for students with Freshman standing.

COM 305. Forensics Participation II. 1 hour.

Participation in public address, oral interpretation, and/or parliamentary debate competition. Students will participate in weekly group practices and individual coaching sessions in preparation for tournament competition. Open to Undergraduate students. May be repeated up to 3 times.

COM 312. News Gathering And Writing. 4 hours.

Techniques involved in interviewing, reporting, and writing. Weekly in-class news story assignments. Topical area: Mass Media

COM 315. Photography I. 4 hours.

In depth exploration of the photographic process with an emphasis on creating a fine print. Topics include camera operation, developing and printing and image creation techniques. 35mm manually adjustable film camera required. Same as ART 315. Topical area: Mass Media.

COM 325. Language, Thought & Reality. 4 hours.

This course explores language and meaning, how these concepts are connected, how meaning is "mapped" mentally, the dimensions and parameters different people use for such mapping and the effects of these variations on the people involved. Same as CAP 325.

Communication (COM)

COM 335. Commercials: The Hidden Messages. 4 hours.

Examination of television commercials for persuasive strategies and techniques used in reaching targeted audiences. Special attention is given to hidden messages and subconscious appeals.

Topical areas: Interpersonal & Organizational, Mass Media

COM 341. Communication Technologies. 4 hours.

Explores the use of technology to facilitate and enhance communication across time and distance. The nature, attributes, and societal impact of current and developing technologies are emphasized. A survey of both scholarly and popular literature are used to examine the debate over the impact of these technologies. Topical area: Mass Media

COM 352. Basic Video Production. 4 hours.

Theory, techniques, and equipment used in video production with emphasis on methods of camera operation and directing techniques through regular production assignments. Same as ART 372. Topical area: Mass Media.

COM 362. Introduction to Public Relations. 4 hours.

Introduction to the theories, functions, and applications of public relations. Analysis of the most effective methods of internal/external public relations in profit and nonprofit organizations. Topical area: Interpersonal & Organizational.

COM 367. Public Speaking. 4 hours.

Examination of principles of effective speech preparation through researching topics, evaluating speeches, analyzing audiences, and presenting speeches. Topical area: Interpersonal & Organizational.

COM 380. Special Topics in Communication. 1 TO 4 hours.

Study of a current communication topic. Description of topic for a given semester will be stated in the course schedule. May be repeated if topics vary.

COM 403. Feature Article. 4 hours.

Examination of and practice in feature writing techniques. Weekly feature article assignments. Publication encouraged but not required. Topical area: Mass Media.

COM 404. Media Law And Ethics. 4 hours.

Examination of media law and ethical decisionmaking from the standpoint of media producers, critics, and users. Case studies include obscenity and indecency, libel, privacy, advertising, conflict of interest, and rights of access. Lectures and discussions examine social and cultural contexts in which laws and ethical principles develop. Same as PAR 404. Topical area: Mass Media

COM 405. Editing. 4 hours.

Examination of the editing process as it relates to newspapers, magazines, public relations work, and other publications. Study of journalistic style, grammar review, concise writing, legal and ethical issues of editing, and design fundamentals. Topical area: Mass Media

COM 406. Photography II. 4 hours.

Extension, development, and continuation of studies in black-and-white photography. Students should be increasingly able to generate their own ideas about the medium and work toward the production of a personal body of work. Same as ART 406. Prerequisite: COM 315. Topical area: Mass Media

Communication (COM)

COM 411. Computer Mediated Interpersonal Communication. 4 hours.

This course explores the ways in which our personal identity is mediated through electronic communication by providing students with an understanding of the human-computer interface. Intrapersonal, interpersonal, group, and organizational levels of computer mediated communication are considered. Students will develop effective practices for using electronic communication across a variety of communication contexts.

COM 421. Interpersonal Communication. 4 hours.

Analysis of communication at the individual level including extended examination of informational, perceptual, and prediction processes that lead to successful communication. Includes role and personality as factors that affect the communication process and techniques for improving communication ability. Interpersonal communication theories compared and evaluated. Topical area: Interpersonal & Organizational

COM 424. Gender Communication. 4 hours.

Examination of female and male communication in a variety of contexts including family, romance, education, and the workplace. Representations in the media critiqued and theories of gender differences compared and evaluated. Same as WMS 424. Topical area: Interpersonal and Organizational Not intended for students with Freshman or Sophomore standing.

COM 425. Intercultural Communication. 4 hours.

Analysis of domestic and international cultures. Examines differing world views, nonverbal cues, beliefs, language, artifacts, sources of conflict, and methods for negotiating meaning across borders. Topical area: Interpersonal & Organizational.

COM 426. Deception and Credibility. 4 hours.

Examination of misrepresentation in symbolic human interaction, its motivation and morality, its function and forms, its recognition and response, and its integration into human society, in order to better understand this arguably large class of communication. Topical area: Interpersonal & Organizational.

COM 428. Nonverbal Communication. 4 hours.

Examination of how personal symbols (clothes, gesture, etc.) and use of public contexts (space, time) convey meaning; problems arising from differing interpretations of these symbols in a culturally diverse society. Topical area: Interpersonal & Organizational.

COM 431. Interpersonal/Organizational Communications: Practicum. 1 TO 4 hours.

Credit is available under this title only through the credit for prior learning program. Students with substantial work or life experience in areas covered by a course or combination of courses listed in this Interpersonal/Organizational Systems section may apply for credit by documenting their relevant theoretical and practical learning under the guidance of credit for prior learning faculty. Interested students should consult with a faculty member in communication. Credit/No Credit grading only. May be repeated to a maximum of 4 hours. Topical area: Interpersonal & Organizational

COM 436. Graphic Design. 4 hours.

Introduction to the production of printed materials using desktop publishing, illustration, and image-manipulation software on thePC or Macintosh. Includes aesthetic understanding and use of typography and applications of basic design principles in publications such as posters and brochures. Same as ART 436. Topical areas: Interpersonal & Organizational, Mass Media.

Communication (COM)

COM 437. Graphic Design for Print Production. 4 hours.

Emphasis on creative problem solving to translate concept into form using Graphic Design Process. Design and production of printed materials such as multiple-page documents, newsletters, packaging, and corporate identities. Development of advanced software skills for digital preparation of artwork for commercial printing applications. Same as ART 437. Prerequisite: ART 436 or COM 436. Topical areas: Interpersonal & Organizational, Mass Media.

COM 438. Graphic Design for Web Development. 4 hours.

Conceptual development, planning, production, and the use of web development and graphic software applications to solve complex web design problems. Emphasis on project management, organization, and collaboration. Application of Graphic Design Principles specific to web design and development. Same as ART 438. Prerequisite: ART 436 or COM 436. Topical areas: Interpersonal / Organizational and Mass Media

COM 439. Computer Animation. 4 hours.

Introduces students to the basic terminology, concepts, and principles of animation. Course covers historical perspective, current technologies and applications of animation, basic principles of 2D and 3D animation, and application of animation to the Web. Same as ART 439. Topical area: Mass Media.

COM 444. Media Writers' Roundtable. 4 hours.

Theory and practice of advanced non-fiction writing for the media, including news, features, commentary, and analysis. Explores media markets, legal and business concerns, and ethical issues for staff and freelance writers. Prerequisite: COM 312 or COM 403, or equivalent, or permission of instructor. Topical area: Mass Media

COM 445. Adolescents And The Media. 4 hours.

Examination of positive and negative impact of the media including television, movies, the recording industry, video games, and magazines on adolescents. Explores media link to violence and aggressive behavior, sexuality, drug use, and body image, and research on gender and racial differences in responding to the media. Topical Area: Mass Media

COM 447. Media Criticism. 4 hours.

Focus on qualitative analysis of mass media artifacts. Various practical and theoretical frameworks for such analysis will be examined and discussed, including myth and genre analysis, Marxist and feminist criticism as well as semiotic analysis of mass media products. Part of the class time is devoted to viewing and analysis of various films and television programs to help reinforce methodological and theoretical readings and discussions. Course information: Topical area: Mass Media

COM 448. Advertising. 4 hours.

Critical, historical and creative analysis of advertising. Students research specific aspects of interest within the field of advertising, and develop advertising campaigns. Emphasis in upon advertising as viewed from the study of communication.

COM 451. Mass Media: Practicum. 1 TO 4 hours.

Credit is available under this title only through the credit for prior learning program. Students with substantial work or life experience in areas covered by a course or combination of courses listed in this Mass Media Systems section may apply for credit by documenting their relevant theoretical and practical learning under the guidance of credit for prior learning faculty. Interested students should consult with a faculty member in communication. Credit/No Credit grading only. May be repeated to a maximum of 4 hours. Topical area: Mass Media

Communication (COM)

COM 453. Video Field Production. 4 hours.

The development of technical skills as artistic tools through an examination of visualization and sequencing theory. Remote production and editing techniques are explored in actual production situations, along with analysis of the creative processes of videography and lighting. Same as ART 473. Prerequisite: COM 352. Topical area: Mass Media

COM 454. Documentary Production. 4 hours.

Aesthetic and creative elements of video production are studied through the history and impact of film and video documentaries. Students will produce their own documentary programs. Same as ART 474. Prerequisite: COM 352 or ART 372. Topical area: Mass Media

COM 455. Multimedia Production and Electronic Imaging. 4 hours.

In-depth exploration of production methodologies and techniques for multimedia. Topics include development processes, authoring and interactivity, digital video, animation, imaging tools, sound tools, hardware, cross platform development, and electronic imaging. Same as ART 475. Topical area: Mass Media.

COM 456. Digital Production Technologies. 4 hours.

An opportunity for the student to show the culmination of his/her skills and thought processes through the development of a major production project. The student will combine the theoretical, technical, and creative aspects of production and provide an analysis of the methods and techniques used. Same as ART 476. Prerequisite: COM 352 / ART 372. Topical area: Mass Media

COM 457. Scripting, Producing, Directing. 4 hours.

Study of the theoretical and practical aspects of the research, design, and structure of film and video programs. Topics include fiction and nonfiction, research, structure, formats, writing narration and dialogue, visualization, staging, and interviewing. Topical area: Interpersonal / Organizational Mass Media

COM 458. Media from a Liberal Arts Perspective. 4 hours.

Examination of popular media, with a focus on television, from a liberal arts perspective and particularly from the perspective of how television presents, distorts, and comments on each of the Ernest Boyer learning categories. Collectively, television and other mass media supply practically an unlimited range of resources across all Boyer categories. Topical area: Interpersonal / Organizational Mass Media.

COM 462. Writing For Public Relations. 4 hours.

Intensive study of the most effective methods for written public relations communication. Students write news releases, broadcast announcements, letters, speeches, and newsletter copy, as well as work on grammar and journalistic style. Prerequisite: COM 362 or permission of instructor. Topical area: Interpersonal & Organizational.

COM 463. Organizational Communication. 4 hours.

Analysis of organizational communication approaches, managerial style, motivation, leadership, corporate cultures, conflict, public relations, and diversity. Topical area: Interpersonal & Organizational

COM 464. Conflict Management. 4 hours.

Role and effect of conflict on interpersonal, group, and organizational relationships and social movements. Theoretical and practical applications seek to foster success in conflict resolution. Topical areas: Interpersonal & Organizational.

Communication (COM)

COM 465. Interviewing. 4 hours.

Interviewing and its various purposes in communication settings. Practical and theoretical approaches. Topical area: Interpersonal & Organizational, Mass Media

COM 468. Persuasion. 4 hours.

Theories and techniques involving attitudinal and behavioral change. Students analyze historical and current examples of propaganda and persuasion. Topical areas: Interpersonal & Organizational.

COM 471. Communication Ethics. 4 hours.

Introduction to ethics of communication practice including evaluation of ethical dilemmas in interpersonal, small group and organizational contexts. Students analyze and compare ethical frameworks and perspectives and develop personal and communal ethical standards, which they apply to ethical dilemmas. Topical Area: Interpersonal & Organizational.

COM 472. Political Communication in the United States. 4 hours.

Examines the theories and practices of political communication in the United States. Topics include campaigning vs. governance, communication ethics, political advertising, political campaigns, political debates, the presidency, the role of the media, the role of unelected advisors, speechwriting, technology, etc. Topical areas: Interpersonal & Organizational, Mass Media

COM 473. Principles Of Acting. 4 hours.

Principles of acting is an exploratory and performance-oriented class where students learn the fundamentals of acting, how to create exciting characters, and how to prepare for stage-performance. Various physical and vocal exercises in relaxation, concentration, and creativity as well as work in scenes, monologues, and the process of acting are covered. Topical area: Interpersonal & Organizational

COM 475. Theatre Practicum. 1 TO 2 hours.

Students serve as either actors or technical support for the current UIS theatre production. Students are responsible for attending all scheduled rehearsals, call-times, and/or meetings per the rehearsal schedule, including but not limited to tech and dress rehearsals, performances and "strike." May be repeated to a maximum of 8 hours with approval. Topical area: Interpersonal & Organizational

COM 476. Directing for the Theatre. 4 hours.

Examination of fundamentals of directing for the theatre and other directing concepts including script analysis, creation of promptbooks, blocking, working with various theatre artists and adapting to spaces. In-class and out-of-class work, including scheduled rehearsals. Topical area: Interpersonal & Organizational

COM 480. Advanced Topics in Communication. 1 TO 4 hours.

Intensive study of a current communication topic. Description of topic for a given semester will be stated in the course schedule. May be repeated if topics vary.

COM 499. Tutorial. 1 TO 4 hours.

Specialized instruction; students may arrange for special courses on otherwise unavailable topics, subject to availability. May be repeated to a maximum of 8 hours if topics vary.

Communication (COM)

COM 501. Closure Experience. 1 TO 4 hours.

All graduate students must complete a closure experience. Communication students have three options. 1)Thesis: Research-based exploration of a topic approved by thesis committee. 2) Project: Production of a major project selected with approval of project committee. 3) Comprehensive examination: Comprehensive examinations in five topical areas over a two-day period. Students must have completed a minimum of 32 credit hours to be eligible for the comprehensive exam. Students should consult their advisers for program guidelines during their first semester. Successful completion of any of the three options fulfills the master's closure requirement. NOTE: If the thesis/project/exam is not completed by the time four hours are accrued in continuing enrollment, students must register for COM 502 for zero credit hours (one billable hour) in all subsequent semesters until the thesis/project/exam is completed. Credit/No Credit grading only. May be repeated to a maximum of 4 hours. Restricted to Graduate students.

COM 502. Closure Experience Continuing Enrollment. 0 hours.

Refer to NOTE in course description for COM 501. May be repeated. Restricted to Graduate students.

COM 504. Introduction to Graduate Study in Communication. 4 hours.

Examination of the literature with which graduate communication students should be familiar, especially that exploring the nature of theory, the functions of research, and the philosophy of communication. Introduction to theory and research framing the program's three areas of emphasis. Restricted to Graduate students.

COM 506. Research Methods in Communication. 4 hours.

A detailed examination of research methods used in the communication discipline, including introduction to descriptive and inferential statistics commonly used in communication research. Methods examined include content, network, and interaction analysis as well as survey and experimental designs. Restricted to Graduate students.

COM 516. Communication Theory. 4 hours.

A study of the nature and functions of theory lays the foundation for more detailed examination of theories from different contexts of communication and with differing philosophical bases. Topical areas: Interpersonal & Organizational, Mass Media Restricted to Graduate students.

COM 521. Family Communication. 4 hours.

Examination of types of families, roles, rules, stages, systems, decision making, intimacy, and power from a communication perspective. Topical area: Interpersonal & Organizational Restricted to Graduate students.

COM 524. Interracial Communication. 4 hours.

Exploration of historical origins of racism in the U.S., types of racism, impact of Affirmative Action, barriers and approaches to improving interracial communication in friendships, education, the media, and the workplace. Topical area: Interpersonal & Organizational Restricted to Graduate students.

COM 528. Meaning And Social Structure. 4 hours.

Examination of coding and meaning theories to understand similarities and differences in individual interpretation of words, symbols, events, and interaction. Exploration of how individuals' language use affects the social structures they build and use. Topical area: Interpersonal & Organizational Restricted to Graduate students.

Communication (COM)

COM 532. Social and Cultural Effects of Mass Media. 4 hours.

An overview of social, scientific, and critical theories regarding the effects of mass media on society. Examines the ways in which these theories develop from particular social and historical contexts and how they reflect ideas and debates about media, politics, and culture. Topical area: Mass Media Restricted to Graduate students.

COM 534. Reality Television. 4 hours.

This seminar examines the development of the "reality television" genre of programming using primary media sources and related popular and scholarly literature. Students will apply critical media theory to address the cultural and social effects of such programs as Big Brother, Survivor, and MTV's The Real World. A historical perspective based on documentary theory informs the discussion of current programs. Topical area: Mass Media Restricted to Graduate students.

COM 541. New Technologies in Electronic Media. 4 hours.

Seminar on new and emerging technologies and systems in electronic media: hardware, software, and societal impact. Topical area: Mass Media Restricted to Graduate students.

COM 543. Media Aesthetics. 4 hours.

Seminar in the basic aesthetic elements and principles of sight, sound, and motion in film/video and their uses for effective communication. Topical area: Mass Media Restricted to Graduate students.

COM 545. Interactive/Multimedia Technologies. 4 hours.

An in-depth study of current and emerging technologies used to provide training and enhance education. Topics include the theories, design concepts, and applications of such technologies as non-linear video, computer graphics and presentations, and interactive video. Prerequisite: COM 455. Topical area: Mass Media. Restricted to Graduate students.

COM 555. Women And Media. 4 hours.

Seminar exploring the role of women in the media today. Examines women as participants in the media business and as subjects of the media and the impact of both on society. Same as WMS 555. Topical area: Mass Media Restricted to Graduate students.

COM 562. Public Relations in Organizations. 4 hours.

Advanced study of public relations in profit and nonprofit organizations. Examination of the threats and opportunities faced by organizations dealing with internal and external public. Hands-on research/participation in a public relations campaign for a local organization. Topical area: Interpersonal & Organizational. Restricted to Graduate students.

COM 563. Organizational Communication Theory. 4 hours.

An in-depth look at organizational theory integrated with current communication theory. Discussion includes approaches to consulting and analyzing communication in organizations. Topical area: Interpersonal & Organizational Restricted to Graduate students.

COM 570. Topics in Interpersonal/Organizational Communications. 4 hours.

Intensive study of an interpersonal/organizational communication topic. Description of topic for a given semester will be stated in the course schedule. May be repeated if topics vary. Topical area: Interpersonal & Organizational Restricted to Graduate students.

COM 580. Topics In Mass Media. 4 hours.

Intensive study of a mass media topic. Description of a topic for a given semester will be stated in the course schedule. May be repeated if topics vary. Topical area: Mass Media Restricted to Graduate students.

Communication (COM)

COM 599. Tutorial. 1 TO 4 hours.

Specialized instruction; graduate students may arrange for special courses on otherwise unavailable topics, subject to availability. May be repeated to a maximum of 6 hours if topics vary. Restricted to Graduate students.

Computer Science (CSC)

CSC 305. Entrance Assessment. 0 hours.

Evaluation of computer science knowledge on entering the program. CSC 300 must be taken during the student's first semester of enrollment. Credit/No Credit grading only. Restricted to Computer Science.

CSC 317. Software Packages. 2 hours.

A large part of computing that is being done today is through general programs designed to handle a wide range of general problems rather than through programs designed to solve a specific problem. This course covers these general programs (software packages) from the viewpoint of the task to be performed and how a specific package can be used to accomplish the job. Examples are taken from spreadsheet, database, and the Windows operating system. Considerable time in the computer lab is required.

CSC 318. Computer Literacy. 4 hours.

Introduction to computers for personal and professional use. A course of general interest, giving experience with personal computer software including word processing, spreadsheet, database, and electronic communication applications; information retrieval from the Internet; and fundamental computer literacy. Considerable time in computer lab is required.

CSC 319. Computer Programming. 4 hours.

An introduction to structured programming. Emphasis on control structures, simple data types including arrays, and creating simple Windows applications. Assigned problems require considerable time in the computer lab. For students who do not intend to major in computer science. Prerequisite: CSC 318, or equivalent computer experience with Windows applications.

CSC 320. Introduction to HTML/Web Development. 4 hours.

This course is designed to introduce a student to the principles of publishing on the World Wide Web (WWW). The course is designed to be platform independent and will enable a student to create "web pages" on any server on the Internet that runs a standard http server. The focus will be on the background code (Hyper-Text Markup Language) not on editors or programs that convert other types of documents into html.

CSC 321. Intermediate HTML Design and Usability. 4 hours.

Introduces students to basic HTML programming and to a number HTML editors. Special emphasis will be made on the use of Dreamweaver, a macromedia product, rated as a best HTML editor. Prerequisite: CSC 320.

CSC 325. Computer Science I. 4 hours.

Structured programming techniques. Emphasis on control structures, procedures, simple data types, and structured data types, including arrays, records, and files. Assigned problems require considerable time in the computer lab. Prior programming experience is recommended.

CSC 368. Systems Programming Languages. 4 hours.

Design principles and implementation of systems programming languages. Topics include syntax data types, control structures, storage management. Four systems programming software language tools will be studied: shell scripts, Perl, PHP, SQL. Class activities and hands-on laboratories. Typical laboratories and class assignments, repetitive tasks, scheduled file maintenance, log file analysis, electronic administrator notification. Prerequisite: CSC 375.

CSC 375. Computer Science II. 4 hours.

Extensive top-down design principles to solve non-trivial problems. Emphasis on advanced array applications, dynamic storage, and classes. Programming assignments include implementation of lists, stacks, queues, and recursions. Prerequisite: CSC 325.

Computer Science (CSC)

CSC 376. Computer Organization. 4 hours.

Introduction to elementary computer architecture and assembly/machine language. Emphasis on the fetch-execute cycle and CPU organization, binary information representations, combinational logic, and sequential circuits. An overview of the memory hierarchy and I/O interfaces included as time permits. Prerequisite: CSC 375 and MAT 302. MAT 302 may be taken concurrently.

CSC 385. Data Structures and Algorithms. 4 hours.

Object-oriented software design including sorting and searching algorithms. Implementation of trees, graphs, and other advanced data structures. Algorithm analysis of running times and storage requirements. Prerequisites: MAT 302 and CSC 375.

CSC 387. Foundations of Computer Science. 4 hours.

An overview of selected computer science topics: computers and society, software engineering, file structures, database structures, artificial intelligence, theory of computation, and human-computer interaction. Topics are selected to complement material in the core computer science curriculum. Prerequisite: CSC 375.

CSC 388. Programming Languages. 4 hours.

Design principles and implementation of computer programming languages. Topics include syntax, data types, control structures, storage management, and binding. Four programming language paradigms studied: imperative, object-oriented, functional, and logical. Languages studied might include C#, Smalltalk, Java, LISP, and Perl. Prerequisite: CSC 385.

CSC 389. Introduction to Operating Systems. 4 hours.

Assemblers, macro processing, loaders, time sharing operating system, process control, I/O, primary memory allocation, and virtual memory. Prerequisites: CSC 375 and CSC 376.

CSC 399. Tutorial. 1 TO 12 hours.

May be repeated to a maximum of 12 hours if topics vary.

CSC 405. Exit Assessment. 0 hours.

Evaluation of computer science knowledge on graduation. Exit assessment helps students assess their progress and helps the program revise its curriculum. CSC 405 must be taken during the student's final semester before graduation. Credit/No Credit grading only. Restricted to Computer Science.

CSC 410. Current Topics for Professional Development. 1 TO 4 hours.

Includes materials on current topics that are identified as being on the cutting-edge of computer science. Descriptions change according to topic. CSC majors need prior approval to apply this course to their degree requirements. May be repeated if topics vary. Students may register in more than one section per term.

CSC 421. Introduction to Computer Networks. 4 hours.

Network Architectures, the ISO model, network design, terminal handling, virtual circuits, datagrams, protocols, routing algorithms, and local area networks. CCNA I & II

CSC 422. Routing Configuration in WAN Environment. 4 hours.

The course will include the final two semesters of web-based materials included in the four-semester sequence of the Cisco Networking Academy. Emphasis will be placed on configuring routers to operate in a secure WAN environment. Students will collect and analyze data they will use to optimize WAN management. Prerequisite: CSC 421.

Computer Science (CSC)

CSC 423. Advanced Routing (CCNP1). 4 hours.

This course emphasizes a hands-on approach to the advanced configuration on routers in a secure WAN environment. Topics include Advanced IP Addressing Management such as VLSM and Route Summarization, EIGRP, MultiArea OSPF, IS-IS, BGP, and Route Optimization including Redundancy, Symmetry, Load Balancing and Redistribution. Prerequisite: CSC 422

CSC 424. Remote Access (CCNP3). 4 hours.

Second course in a four-semester sequence advanced professional track. The course focuses on selection, implementation of appropriate ISO services required to build intranet remote access links. Students will develop skills with specific WAN technologies: Analog Dialup, ISDN BRI, ISDN PRI, Frame Relay, Broadband, VPN. Prerequisite: CSC 423.

CSC 425. Multilayer Switching (CCNP3). 4 hours.

This course is the third in a four-semester sequence advanced professional track. Focused on deployment of state-of-the-art campus LANs as well as the selection and implementation of the appropriate IOS services to build reliable scalable multilayer-switched LANs. Topics include VLANs, FTP, STP, inter-VLAN routing, redundancy, AVVID, QoS, security, and transparent LAN services. Prerequisite: CSC 424.

CSC 426. Network Troubleshooting (CCNP4). 4 hours.

This course is the last in a four-semester sequence advanced professional track. The course focuses on teaching students to effectively and efficiently document issues, determine base-line, and troubleshoot internetworks using advanced techniques and skill sets from Layer 1 to Layer 7. Prerequisite: CSC 425.

CSC 430. Foundations of Network Security and Information Assurance. 4 hours.

Students learn to identify system resources at risk to malicious attacks. Network tools designed to detect and prevent unauthorized access are covered. Demonstrations of tools used to assess and identify vulnerability including penetration analysis, scanners and probes are covered. Case studies and exploit scenarios give students hands-on practice reducing network security threats. Prerequisites: CSC 421.

CSC 432. Hardware/Firewall Security Implementation. 4 hours.

The course focuses on overall security processes with particular emphasis on security policy design & management. This course also provides a survey of security technologies, products & solutions. Labs focus on firewall design, installation, configuration and maintenance of firewalls. Prerequisites: CSC 421.

CSC 436. Secure Programming. 4 hours.

The course introduces the secure software development process including secure applications, writing secure code that can withstand attacks, and security testing and auditing. It focuses on the security issues a developer faces, common security vulnerabilities and flaws, and security threats. The course explains security principles, strategies, coding techniques, and tools that can help make code more resistant to attacks. Students will write and analyze code that demonstrates specific security development techniques. Prerequisite: CSC 385.

CSC 438. Systems Security and Information Assurance Capstone. 4 hours.

This is the capstone design course for the Systems Security and Information Assurance concentration in the Computer Science Bachelor's Degree. This course will emphasize a group approach to information assurance system design and data collection. Students will be given case studies to design and implement a total IT security system. Prerequisite: CSC 421 and one additional security elective.

Computer Science (CSC)

CSC 463. Introduction to Distributed Computing. 4 hours.

An introduction to the fundamental concepts and principles of distributed programming techniques. Topics include Java I/O, Interprocess Communications, Distributed Computing paradigms, TCP/IP, The Socket APL, client-server paradigm, Group Communication, Distributed Objects, Internet Applications, and advanced topics. Prerequisites: CSC 385.

CSC 465. Windows Network Administration. 4 hours.

The purpose of this course is to provide students with an organizational and technical look at network administration. Emphasis is placed on Microsoft Windows operating system. The laboratory assignments will involve a considerable amount of hands-on installation, account management, performance monitoring, security, troubleshooting. Prerequisite: Familiarity with computer hardware/software.

CSC 470. Topics in Computer Science. 1 TO 4 hours.

Various topics; description changes according to topic offered. See course schedule for prerequisites. May be repeated if topics vary. Students may register in more than one section per term.

CSC 471. Computer Ethics for Computing Professionals. 4 hours.

Computer ethics explores the interaction between technical decisions and human values. We also study how computing and telecommunications impact society. This class is limited to computer science majors and students with equivalent backgrounds.

CSC 472. Introduction to Database Systems. 4 hours.

Examination of file organizations and file access methods. Studies various data models including relational, hierarchical, network, and object-oriented. Emphasis given to the relational data model. SQL, the data definition and manipulation language for relational databases, is described. Prerequisite: CSC 375.

CSC 476. Introduction to Microprocessors and Computer Architecture. 4 hours.

Analysis and synthesis of combinational and sequential circuits, counters, and decoders. Details of computer organization as applied to microcomputers. Time permitting: control unit design, microprogramming, I/O channels, and memory systems. Prerequisite: CSC 376.

CSC 477. Usability Engineering. 4 hours.

Provides an analysis of the science and art of graphical user interfaces. Topics will include quantitative methodologies, user interaction, design imperative. Requires extensive Visual Basic programming. Prerequisite: CSC 385.

CSC 478. Software Engineering Capstone. 4 hours.

Study of the software life cycle with emphasis on design, documentation, and implementation. Team projects and technical communication skills are emphasized. Students should take this course within their last 12 hours of CSC course work. Prerequisite: CSC 385.

CSC 479. Introduction to Artificial Intelligence. 4 hours.

Problem solving methods, data representation and list processing, state-space search strategies, game playing programs, knowledge representation, logic and theorem proving, question answering systems, and natural language processing. Prerequisite: CSC 375.

CSC 481. Introduction to Computer Graphics. 4 hours.

Basic concepts, display hardware and techniques, raster graphics, 3-D graphics, and processing of pictorial information. Prerequisites: CSC 375.

Computer Science (CSC)

CSC 484. Introduction to Parallel Processing. 4 hours.

Familiarizes students with the broad field of parallel computing and parallel algorithms, while giving hands-on experience with computing on a parallel architecture. Prerequisite: CSC 376.

CSC 485. Object-Oriented Design. 4 hours.

Study of object-oriented design and programming to solve problems. Topics include classes, inheritance, polymorphism, design notations, development environments, and a survey of languages. Java is used as the implementation language. Prerequisite: CSC 385.

CSC 499. Tutorial. 1 TO 12 hours.

May be repeated to a maximum of 12 hours if topics vary.

CSC 511. Fundamental Concepts of Networks for Teachers. 4 hours.

The purpose of this course is to provide teachers with a working knowledge of how to install and teach the first semester of the Cisco Networking Academy On-line Curriculum. The first semester curriculum focuses on fundamental concepts of networks. Emphasis is placed on the OSI model, IP addressing, addresses resolution protocols, networking media, topologies, cabling and network management. Restricted to Graduate students.

CSC 512. Fundamental Concepts of Routing for Teachers. 2 hours.

The purpose of this course is to provide teachers with a working knowledge of how to install and teach the second semester of the Cisco Networking Academy On-line Curriculum. The second semester curriculum focuses on fundamental concepts of network routers. Emphasis is placed on the OSI model, WAN's, routing and using a router, router components, router configuration, IOS, TCP/IP, IP addressing and routing protocols. Restricted to Graduate students.

CSC 513. Advanced Concepts of Networks and Routing for Teachers. 2 hours.

The purpose of this course is to provide teachers with a working knowledge of how to install and teach semesters three and four of the Cisco Networking Academy On-line Curriculum. The curriculum for semesters three and four focuses on advanced concepts of networks and routers. Emphasis is placed on router configuration, configuring routers for IPX, managing network traffic with access lists, Wide Area Networking, WAN protocols, X25, frame relay, point-to-point and ISDN. Restricted to Graduate students.

CSC 514. IT Essentials I For Teachers. 3 hours.

The purpose of this course is to provide teachers with a working knowledge of how to install and teach the first course in a two course sequence on IT Essentials as part of the Cisco Academy On-line Curriculum. The first course of the curriculum focuses on fundamental concepts of computer hardware and software. Emphasis is placed on developing a working knowledge of the hardware components of a computer and their functionality. In the class the teachers taking the class will learn how to teach the topics listed in the attached course outline to their students. Some laboratory activities include trouble shooting, computer hardware and software and peripherals including various types of disk drives, video cards, and printers. Restricted to Graduate students.

Computer Science (CSC)

CSC 515. IT Essentials II For Teachers. 3 hours.

The purpose of this course is to provide teachers with a working knowledge of how to install and teach the second course in a two course sequence on IT Essentials as part of the Cisco Networking Academy On-line Curriculum. The first course of the curriculum focuses on fundamental concepts of computer hardware and software. This second course, focuses on network operating systems. Emphasis is placed on developing a working knowledge of the network operating systems and network security. In the class the teachers taking the class will learn how to teach the topics listed in the attached course outline to their students. Some laboratory activities include installing Microsoft based operating systems including Windows 2000 and XP and the free Unix based network operating system Linux. Other laboratory activities include trouble shooting network and security related problems. Restricted to Graduate students.

CSC 521. IT Security and Data Assurance I for Teachers. 3 hours.

Provides a comprehensive view of policy and practices used to identify the resources at risk to malicious attacks or natural disasters and the results. Surveys viruses and effective anti-virus prevention policies. Will include use and demonstration of several instruments used to assess vulnerability including penetration analysis, scanners, and probes. Will also use case studies to identify when an institution should look to outside consultants for assessment and vulnerability testing. Restricted to Online Graduate Certificate In Information Assurance. Restricted to Graduate students.

CSC 522. IT Security and Data Assurance II Access Control Systems and Methodology for Teachers. 3 hours.

Provides a comprehensive examination of a multi-vendor approach to access control and management of an enterprise network. Examines directory services, file security, single logon solutions and database security. Examines a holistic approach to data protection and privacy. Introduces the deployment of access management protocols including TACACS+, Radius, and Kerberos. Other topics examined include auditing, and device monitoring using SNMP and RMON. Restricted to Online Graduate Certificate In Information Assurance. Restricted to Graduate students.

CSC 523. Computer Forensics for Teachers. 3 hours.

Deals with the preservation, identification, extraction, documentation and interpretation of computer data. Topics covered include evidence handling, chain of custody, collection, preservation, identification and recovery of computer data. Restricted to Online Graduate Certificate In Information Assurance. Restricted to Graduate students.

CSC 524. Information Assurance System Design and Analysis for Teachers. 3 hours.

The capstone design course for the Graduate Certificate in Information Assurance. Emphasizes a group approach to information assurance system design and data collection. Cohort groups will be required to develop a comprehensive plan for protecting systems against intrusion and for collecting evidence from systems that have been intruded upon. The plan will include operational policies and procedures. Students are also required to implement the plan using tools including TACACS+, Radius, Kerberos, encryption software, and software tools used in evidence collection. Restricted to Online Graduate Certificate on Information Assurance. Restricted to Graduate students.

CSC 525. Information Assurance Graduate Portfolio. 3 hours.

Participants in the Graduate Certificate in Information Assurance must complete a comprehensive portfolio. The portfolio will document their experiences with the certificate program and how they plan to incorporate the topics covered in the certificate program into the courses they teach. The portfolio will document how program participants have mastered the material covered in each course. Guidelines for completing the requirement are available at csc.uis.edu/ and should be consulted by the certificate program participants. Restricted to Online Graduate Information Assurance. Restricted to Graduate students.

Computer Science (CSC)

CSC 526. Security Awareness for Teachers. 1 hour.

This short course is designed to provide an overview of the consequences of information assurance and privacy for the user of information systems. The course provides a practical consideration of all aspects of network security. Course topics include legal aspects of information privacy, security awareness, and roles and responsibilities of end users. Examines several case studies that will illustrate the types of problems that can occur if good systems security measures are not followed. Restricted to Online Graduate Certificate in Systems Security. Restricted to Graduate students.

CSC 527. Network Security I for Teachers. 3 hours.

Introduction to Network Security course focusing on the overall security processes with particular emphasis on security policy design & management. This course will also provide a survey of security technologies, products & solutions. Includes hands-on exercises focusing on firewall design, installation, configuration, & maintenance AAA implementation using routers and firewalls. Virtual Private Networks will also be introduced using routers and firewalls. Restricted to Online Graduate Certificate in Systems Security. Restricted to Graduate students.

CSC 528. Network Security II for Teachers. 3 hours.

This course provides an introduction to the knowledge and skills needed to describe, configure, verify and manage IPsec features in VPN solutions. Also provides a multi-vendor solution to VPN design. Examination of both VVPN client and server products will prepare students to deploy VPN technologies in both site-to-site and client-to-site configurations. Surveys many of the encryption technologies including : PKI, IPSEC and #DES. Digital certificates and certificate authorities are introduced in this course. The course will also emphasize intrusion detection systems, a systematic approach to perimeter security. Restricted to Online Graduate Certificate in Systems Security. Restricted to Graduate students.

CSC 529. Emerging Technologies Wireless Networks for Teachers. 3 hours.

Provides an introduction to wireless local area networks. Instruction will focus on the design, planning, implementation, operation and troubleshooting of wireless networks. It covers a comprehensive overview of technologies, security, and design best practices with particular hands-on skills. Restricted to Online Graduate Certificate in Systems Security. Restricted to Graduate students.

CSC 530. Security Design for Teachers. 3 hours.

This capstone design course for the Graduate Certificate in Systems Security emphasizes a group approach to security systems design. Student cohort groups will be required to develop a comprehensive security plan based on British Standard 7799. The plans will include operational policies and procedures. Students are also required to design a secure enterprise network including multi-vendor solutions. They will use hardware and software tools to implement firewalls, email system protection, virtual private network management protocol, and remote monitoring. Restricted to Online Graduate Certificate in Systems Security. Restricted to Graduate students.

CSC 531. Security Graduate Portfolio. 3 hours.

Participants in the Graduate Certificate in Systems Security program must complete a comprehensive portfolio. The portfolio will document their experiences with the certificate program and how they plan to incorporate the topics covered in the certificate program into the courses they teach. The portfolio will document how program participants have mastered the material covered in each course. Guidelines for completing the requirement are available at csc.uis.edu/ and should be consulted by the certificate program participants. Restricted to Online Graduate Certificate in Systems Security. Restricted to Graduate students.

Computer Science (CSC)

CSC 540. Graduate Research Seminar. 4 hours.

Students will investigate research and writing techniques in the field of computer science. Public issues related to copyright laws, ethics in computer science research, security, and the economic impact of computer science research will be covered. This course is intended to introduce graduate students to the proper methods for conducting and reporting research and to help prepare them for CSC 550 Master's Project/ Thesis.

CSC 550. Master's Project/Thesis. 4 hours.

An individual study to demonstrate the ability to formulate, investigate, and analyze a problem and to report results. Written report and oral presentation are required. Guidelines for completing this requirement are available from the CSC program and must be consulted before any work is begun. NOTE: If the project/thesis is not completed during the initial four-hour enrollment, students must register for CSC 551 for zero credit hours (one billable hour) in all subsequent semesters until the project/thesis is completed. Credit/No Credit grading only. May be repeated to a maximum of 4 hours. Prerequisite: Approval of the project/thesis supervisor. Restricted to Computer Science. Restricted to Graduate students.

CSC 551. Master's Project/Thesis Continuing Enrollment. 0 hours.

Refer to NOTE in course description for CSC 550. May be repeated. Restricted to Graduate students.

CSC 570. Advanced Topics in Computer Systems. 1 TO 4 hours.

Topics vary. See course schedule for prerequisites. May be repeated if topics vary. Students may register in more than one section per term. Restricted to Graduate students.

CSC 572. Advanced Database Concepts. 4 hours.

Study of the implementation of relational database management systems. Topics include database design algorithms, query implementation, execution and optimization, transaction processing, concurrency control, recovery, distributed query processing, and database security. One of the following advanced database topics will also be discussed: deductive databases, parallel databases, knowledge discovery/data mining, data warehousing. Prerequisite: CSC 472. Restricted to Graduate students.

CSC 574. Distributed Computing. 4 hours.

This course covers advanced topics in computer operating systems with a special emphasis on distributed systems. Topics include middleware, naming and directory services, security, remote method invocation, concurrency, transactions, replication, and message passing. Prerequisite: CSC 389. Restricted to Graduate students.

CSC 577. Software Testing and Reliability. 4 hours.

Advanced and classic models of testing software are reviewed and critiqued. Current practice and novel theories of reliability are studied, using primary computer science research literature. Some automated testing tools will be used. Prerequisite: CSC 478. Restricted to Graduate students.

CSC 578. Software Engineering. 4 hours.

Problem analysis, system requirements specification, system design, testing methodologies, quality assurance, software maintenance, and automated documentation systems. Team project involving the analysis and creation of a design specification for and formal presentation of a significant software project. Prerequisite: CSC 478. Restricted to Graduate students.

CSC 581. Computer Graphics. 4 hours.

Lighting models, ray tracing, radiosity, texture mapping, and other advanced rendering techniques for creating highly realistic images of three-dimensional scenes. Contemporary and classic articles from the computer graphics literature are studied. Prerequisite: CSC 481. Restricted to Graduate students.

Computer Science (CSC)

CSC 582. Design and Evaluation of User Interfaces. 4 hours.

Structured approach for designing graphical user interfaces that are easy to use. Empirical evaluation techniques are used to verify that the software is easy to use. Prerequisite: CSC 385. Restricted to Graduate students.

CSC 583. Network Programming. 4 hours.

A historical and technical study of network programming. Emphasis is placed on various network protocols and on the TCP/IP protocol in particular. Assignments involve writing client/server code for Unix in the Java programming language. Prerequisite: A working knowledge of Unix and the ability to program in Java. Restricted to Graduate students.

CSC 599. Tutorial. 1 TO 12 hours.

May be repeated to a maximum of 12 hours if topics vary. Restricted to Graduate students.

Criminal Justice (CRJ)

CRJ 105. International Criminal Justice Systems. 3 hours.

Justice systems throughout the world. Comparative components include criminal codes, legal systems, policing and prosecution, and punishment principles and institutions.

CRJ 221. Introduction to Criminology. 3 hours.

Introduction to the multi-disciplinary study and analysis of the nature, causes, and control of crime; measurement of crime; and the interactive roles of the system, victim, and offender.

CRJ 231. Juvenile Delinquency. 3 hours.

Theoretical explanations of juvenile delinquency with critical view of their value in the field, followed by practical and analytical view of juvenile justice systems in operation. Course information: Same as SOA 321.

CRJ 241. Race, Class, and Social Justice. 3 hours.

Considers the relationship between race and ethnicity, class, and the American criminal justice system, and the intersection of race/ethnic and class relations in America. Explores the experiences of marginalized ethnic minorities, working class, and poor people in the criminal justice system.

CRJ 309. Administration of Justice. 4 hours.

Underlying principles and processes of the criminal justice system, with emphasis on the interdependence of law enforcement, prosecution, courts, and corrections. Relationship between criminal justice agencies and social groups and communities. Offered fall semester (day and evening), spring semester (day).

CRJ 311. Law and Legal Processes. 4 hours.

Legal issues and policies in criminal justice, including court authority and operation, criminal law and procedure, and legal rights and responsibilities of criminal justice personnel. Constitutional limits on law and police powers in the U.S. Offered fall semester (day), spring semester (evening).

CRJ 312. Policing In America. 4 hours.

Critical analysis of the role and function of American law enforcement. Consideration of the police role in a democratic society, historical development and heritage of policing, organizational models and methods of service delivery, theories of patrol and investigation, occupational socialization of police, and ethical dilemmas for police. Offered fall semester (alternates day and evening).

CRJ 313. Correctional Systems. 4 hours.

Foundations and development of adult and juvenile correctional systems. Organization and operation of jails, prisons, and community-based programs. Corrections issues include pre-trial diversion, social control, alternatives to incarceration, post-release issues, and the study of inmate and correctional officer cultures. Offered spring semester (alternates day and evening).

CRJ 316. Crime & Sentencing Policy. 4 hours.

Examines recent changes in sentencing options and decision-making processes for crimes in Illinois and at the national level. Topics include: practical consequences of new policies such as "truth in sentencing" and punishment for crimes involving firearms; mandatory sentences for selected drug-related crimes; federal sentencing guidelines; sex offender registration and civil commitment of sex offenders; changes in juvenile justice; and mental health issues in sentencing and prisons.

Criminal Justice (CRJ)

CRJ 324. Issues of Intervention: Law Enforcement and Human Services. 4 hours.
Responsibilities of community members and criminal justice professionals, including those in helping agencies, in dealing with persons under stress; intervention situations involving marriage and family problems, alcoholism, and suicide; child neglect and abuse; truancy; and advocacy.

CRJ 336. Justice and Juveniles. 4 hours.
Children in families and in community institutions and their interaction with the juvenile justice system. Includes the range of programs and institutions concerned with child abuse and neglect, minors receiving formal intervention or supervision, and criminal offenses committed by juveniles.

CRJ 343. Women and Criminal Justice. 4 hours.
Examines women as perpetrators and victims of crime and as criminal justice professionals. Evaluates factors that contribute to women becoming involved with the criminal justice system in each of these capacities and assesses the degree to which the criminal justice system provides women with equitable treatment. Course information: Same as WMS 443

CRJ 345. Research Methods in Criminal Justice. 4 hours.
Problem definition, proposal writing, study design, information gathering, and data interpretation. Attention given to research design, sampling techniques, interviewing, questionnaire or survey instrumentation, and observation-participation techniques. Offered fall semester (evening), spring semester (day and evening). Prerequisite: CRJ 309 and permission of instructor.

CRJ 417. Criminal Procedure. 4 hours.
Examines the rights of criminal defendants as set out in the U.S. Constitution and interpreted by the U.S. Supreme Court. Studies procedures governing state and federal criminal justice systems and related public policies using court opinions, statutes, and case studies. Same as LES 477.

CRJ 418. Substantive Criminal Law. 4 hours.
Examines the elements of selected crimes, using both state and federal court cases and statutes. Topics include criminal responsibility, criminal liability, and criminal defenses. Particular attention paid to the Illinois criminal code. Same as LES 478.

CRJ 421. Criminological Theory. 4 hours.
Classical and modern theories of crime; social and economic factors in criminal behavior, crime formation, and social control; exploration of the justice system; evaluation of treatment of offenders. All elements of criminology viewed critically. Offered fall semester (day), spring semester (evening). Same as SOA 421. Prerequisite: CRJ 345, submission of communication skills portfolio, and permission of instructor.

CRJ 422. Violence Against Women and Children. 4 hours.
Explores the two most common crimes against women and children: sexual assault and abuse and domestic violence. Examines nature and frequency of these assaults, legal definitions and treatment, victim and survivor experiences, criminal justice and social service responses, offender characteristics, victim services and treatment, and local community resources. May be taught online; check schedule. Same as SWK 461, and WMS 422.

CRJ 425. Sexual Violence. 4 hours.
Different types of sexual violence to be examined include child sexual abuse, spousal rape, gang rape, date rape, drug-facilitated rape, prison rape, and serial lust murder. Some additional topics to be covered may include: rape myths, risk factors for rape, offender profiles, sex offender registration, consequences of rape, and prevention and treatment considerations. The course will also discuss grass root, institutional, and public policy responses to sexual violence at the national, state, community, and campus level and in different systems (criminal justice, mental health/medical system). The course will also explore culturally defined gender roles, the negative impact of such roles on sexual violence, and the role of the media in perpetuating sexual violence.

Criminal Justice (CRJ)

CRJ 428. Juvenile Law. 4 hours.

Laws and legal practices governing children and youth, particularly wards of the courts and juvenile offenders. Rights of children, youth services available, and institutional practices and laws governing juveniles. Same as LES 448.

CRJ 432. Alternatives To Incarceration. 4 hours.

Theory and practice of sentencing alternatives. Studies the range of existing programs and considers ways to expand community-based alternatives to detention centers and prisons. Impact of restorative justice as an alternative framework is considered.

CRJ 433. Probation Supervision Programs. 4 hours.

Examines the variety of intervention and supervision programs currently used within probation systems, drawing on practical experience in implementing these programs. Focuses on essential intervention and communication skills needed to work effectively with a range of probationers and to carry out probation responsibilities. This elective is strongly recommended for students interested in working in the probation field.

CRJ 442. Management Issues in Law Enforcement. 4 hours.

Contemporary approaches to law enforcement management and administration. Management issues include changing views of police responsibilities, proactive policing, profiling and other targeting practices, diversity within police agencies, and leadership and ethics in law enforcement.

CRJ 445. Organizational Crime. 4 hours.

Focuses on organized crime in the United States and around the world, and the larger category of this behavior, organizational or white collar crime. Compares the two activities, their impact on society, and the criminal justice system response. Explores definitions, characteristics, and theories of each.

CRJ 447. Investigative Concepts and Analysis. 4 hours.

Organizational and logical components of investigation as they relate to decision making and policy development in specific situations. Definition and analysis of fact-finding problems in both criminal and civil settings.

CRJ 448. Community Policing. 4 hours.

Examines the influence community policing has had on America's law enforcement culture as well as the community's perceptions, expectations, and responsibilities related to this method of policing. Topics covered include the history, philosophy, implementation, best practices, assessment and future of community policing. Students will examine key elements such as problem solving, partnership building, organizational change and communications, as well as selected special topics within the community policing framework.

CRJ 453. Psychology Of The Offender. 4 hours.

Psychological makeup and selected characteristics of various types of criminal offenders. Psychological patterns in criminal behavior, including risk assessment and impulse control. Considers how and why psychological rehabilitation or change may occur.

CRJ 456. Counseling and Communication Skills. 4 hours.

Communication skills, including interviewing, crisis intervention, and basic counseling approaches. Counseling as a model helping relationship and its potential for criminal justice personnel. Includes techniques, theoretical counseling concepts and strategies, basic interviewing skills, the role of the helper, and components of personal change.

Criminal Justice (CRJ)

CRJ 457. Counseling Criminal Justice Clients. 4 hours.

Applies counseling techniques and strategies to problems encountered by those working within the criminal justice system. Course topics include counseling the reluctant or resisting client, working within criminal justice constraints, and safety and security issues.

CRJ 462. Drug Investigation / Intelligence. 4 hours.

Examines law enforcement issues associated with developing drug intelligence and conducting drug investigations. Examines legal requirements and practical considerations in the context of drug investigations. Gives attention to ethical issues and to the impact of drug related law enforcement decisions on policing in general.

CRJ 464. Communities/Fear/Crime Control. 4 hours.

Explores fear of crime in society and principles of crime control and community safety. The effectiveness of several crime prevention strategies will be reviewed, such as social interventions, media campaigns, environmental design, situational factors, and police strategies.

CRJ 465. Substance Abuse: Criminal Justice Issues. 4 hours.

In-depth overview of substance abuse and alcoholism, with special attention given to criminal justice perspectives. Topics include patterns of drug use and criminalization, theories of addiction, theories of criminal behavior related to addiction, treatment and relapse, legislation, and ethical issues.

CRJ 470. Special Topics. 2 OR 4 hours.

Selected topics of special interest to the criminal justice field. Specific topic is reflected in course title, with description available in the course schedule and from the department office. May be repeated if topics vary. Students may register in more than one section per term.

CRJ 474. Law of Evidence. 4 hours.

Basic study of rules of evidence for nonlawyers working in lawyer-support or investigatory situations that require basic evidentiary knowledge. Provides practical knowledge of problems faced in investigations with a view toward evidentiary sufficiency and possible admissibility in hearings or trials. Same as LES 474.

CRJ 489. Senior Seminar. 4 hours.

Capstone seminar for CRJ majors in their final semester. Builds on each student's knowledge of criminal justice policy, theory, and practice. Students prepare a major research paper dealing with criminal justice public policy and make a formal presentation. Seminar provides the basis for exit assessment of writing, research, and communication skills in the major. Requires permission of instructor. Offered fall semester (evening), spring semester (day). Prerequisite: CRJ 345, CRJ 421. Restricted to Criminal Justice.

CRJ 499. Tutorial. 1 TO 4 hours.

Independent study on selected topic by agreement with a criminal justice faculty member. Topics, method of study, and means of evaluation are determined between student and supervising faculty member. May be repeated with approval. Prerequisite: Permission of instructor.

CRJ 523. Criminal Justice Policy Process. 4 hours.

Presents the policy process as it operates within the criminal justice arena. Examines the ways in which criminal justice policy issues are formulated, legitimated, implemented, and evaluated. Emphasizes policy formulation and the relationships between implementation and evaluation. Restricted to Graduate students.

Criminal Justice (CRJ)

CRJ 531. Drug Abuse in America: A Critical Perspective. 4 hours.

Examines the phenomena of drug abuse from a sociological perspective. Explores the cultural, political, and economic dynamics intertwined with drug abuse including the massive war on drugs and its consequences. Same as HMS 531. Restricted to Graduate students.

CRJ 570. Special Topics in Criminal Justice. 4 hours.

Selected topics of special interest in the fields of criminal justice and criminology. Specific topic is reflected in the section title of the schedule, and description available online and from the CRJ department office. May be repeated once, but topics must vary. Restricted to Graduate students.

CRJ 572. Law And Criminal Justice. 4 hours.

Selected topics of special interest in the area of law, criminal justice, and public policy. Focuses on legal issues related to criminal justice policy, such as the development and implementation of the death penalty or the transformation of the juvenile justice system. Same as LES 572. Restricted to Graduate students.

CRJ 599. Tutorial. 1 TO 4 hours.

Independent study on selected topic by agreement with a criminal justice faculty member. May be repeated with approval. Prerequisite: graduate status, permission of instructor. Restricted to Graduate students.

Economics (ECO)

ECO 201. Introduction to Microeconomics. 3 hours.

Provides students with fundamental issues related to the market price system, allocation of economic resources, cost and production of private firms, various market structures, prices of economic resources, and some issues related to welfare economics. Prerequisite: MAT 113, Mat 115, or finite math or equivalents.

ECO 202. Introduction to Macroeconomics. 3 hours.

Provides the student with materials related to business cycles, productivity, consumer expenditure, investment expenditure, the classical macro economic system, Keynesian theory, monetarism, and supply side economics. Also covers materials related to fiscal policy and monetary policy, as well as the budget. Globalization issues such as international trade and the factor movement will also be discussed. Prerequisite: MAT 113, Mat 115, or finite math or equivalents.

ECO 213. Statistics for Business and Economics. 3 hours.

Methods for collecting, analyzing, and interpreting numerical data for the purpose of making better decisions in business and management. Includes basic probability theory, analysis of variance, index numbers, seasonal analysis, parametric and nonparametric tests, and regression and correlation analysis.

ECO 301. Intermediate Microeconomics. 4 hours.

Consumer behavior, production theory, pricing in different market structures, and cost and allocation of resources. Introduction to general equilibrium theory and welfare economics. Prerequisite: Introduction to microeconomics and introduction to macroeconomics, or equivalent, or ECO 315.

ECO 302. Intermediate Macroeconomics. 4 hours.

National income determination; classical, Keynesian, and post-Keynesian theories of employment, interest, and money. Analysis of business cycles, inflation, and economic growth. Economic policy for growth, stability, and full employment in light of recent theoretical and empirical developments. Prerequisite: Introduction to microeconomics and introduction to macroeconomics, or equivalent, or ECO 315.

ECO 314. Quantitative Methods for Business and Economics. 4 hours.

Matrix algebra, input-output analysis, linear programming and its application to allocation of economic resources and transportation, differentiation and integration of functions of one and several variables, optimization of constrained and unconstrained functions, inventory analysis, queuing, decision under risk and uncertainty, Markov chain, and game model. Prerequisite: ECO 313, or approved equivalent.

ECO 315. Economics for Administration. 4 hours.

Essential micro- and macroeconomic concepts as they apply to administrative decisions. Principal theories and analysis of efficient resource allocation as related to economic decisions of individuals, public and private organizations, and society. Primarily for students who have had no prior college-level work in economics. Not accepted toward requirements of Economics Degree. Not intended for students with Freshman or Sophomore standing.

ECO 335. Money, Banking, and Financial Markets. 4 hours.

Concentrates on principles of banking and financial markets with emphasis on commercial banks, Federal Reserve System, and other depository institutions and regulatory agencies. Monetarist and Keynesian monetary theories and empirical evidence on the effectiveness of monetary policy is presented. Money and capital markets, risk and term structure of interest, and other topics in the area of financial markets are discussed. Prerequisite: Introduction to microeconomics and introduction to macroeconomics, or equivalent, or ECO 315.

Economics (ECO)

ECO 390. Topics in Economics. 1 TO 4 hours.

Each topic covers a different economics concept and may include an intensive workshop. May be repeated for an indefinite number of hours, but particular topics must differ.

ECO 408. History Of Economic Thought. 4 hours.

The course analyzes individual economists and schools of economic thought such as Ibn Khaldun's Political Economy, Mercantilism, Physiocrats, Classical school, Marxist and Monthly Review school, Marginal school, Neoclassical school, Veblenism and Radical Institutionalists, Neo-Ricardian economics, Keynesian, New Keynesian, and Post Keynesian Economics, and Chicago Traditions and New Classical Economics. Prerequisite: Introduction to Microeconomics and Introduction to Macroeconomics, or equivalent, or ECO 315.

ECO 413. Econometrics. 4 hours.

Research methods in economics and statistical techniques used to estimate economic relationships. Includes random variables and probability distributions, theory of estimation and hypothesis testing, simple and multiple linear regression models, introduction to forecasting, and problems of single-equation estimation. Prerequisites: ECO 314, or approved equivalent.

ECO 418. Economic History of the United States. 4 hours.

History of the evolution of the economic development of the United States, from colonial beginnings to the present. Emphasizes industrial capitalism since the Civil War and the major sources and factors that have contributed to building the economy of the world's largest and most prosperous nation, along with the problems of trade deficits, internal consumerism, and unequal distribution of income. The Depression and the New Deal, the world wars, inflation and unemployment, and problems of global changes are featured subjects. Same as HIS 448.

ECO 421. Comparative Economic Systems. 4 hours.

Examination of world economic systems, definition and classification of economic systems, system's performance criteria, reforming economic systems and institutions, theory of capitalism and socialism, the existing Asian and European models of capitalism, China's and Russia's economic system, African and Middle Eastern economic systems, transitions models and transition economies, privatization, fiscal and monetary issues, transition and the global economy, and performance of the transition.

ECO 425. Labor Economics. 4 hours.

Application of economic principles to problems in American labor, including employment, unemployment, and manpower policies; wage determination and wage policy; development and organization of trade unions in private and public sectors; social legislation; and policy for the labor market as these relate to contemporary social and economic problems. Same as LAR 425 and POS 425. Prerequisite: Introduction to Microeconomics and Introduction to Macroeconomics, or equivalent, or ECO 315.

ECO 426. Political Economy. 4 hours.

Analysis of competing theories and models of explanation in political science and economics as they comprise the basis for contemporary policy disputes and alternatives. Emphasis on the crisis tendencies/contradictions of the political economy of the United States and impact on the rest of the international economic order. Same as LAR 426 and POS 426.

ECO 431. Financial Economics. 4 hours.

Economic analysis of the basic workings of financial markets, particularly measurement and pricing of risk and the intertemporal allocation of funds; theory of firm; time value of money; asset pricing; working capital policy and management of cash, receivables, and inventory positions; capital budgeting; risk return analysis; and introduction to options and futures. Prerequisite: ECO 335, or BUS 302, or approved equivalent.

Economics (ECO)

ECO 435. Theory of Finance and Applications. 4 hours.

Elements of finance theory and its application to real world problems. Covers investment decision under certainty and uncertainty, the theory of choice, utility theory given uncertainty, state preference theory, mean-variance theory, market equilibrium, CAPM and APT, option pricing theory, theory of efficient capital market, theory of capital structure and cost, theory of dividend policy, economics of leasing, and economic theory of mergers and tender offers. Prerequisite: ECO 335, or BUS 302, or approved equivalent, or permission of instructor.

ECO 437. Securities Markets. 2 hours.

Examination of the functional contributions of securities markets to economic activity. Particular reference to the institutions and instruments that facilitate capital formation and economic activity at the national and international level. Prerequisite: ECO 335, BUS 302, or approved equivalent.

ECO 438. Futures And Options. 2 hours.

Primary examination of the futures and options markets and their contributions to economic activity. Discusses mechanics and use of the markets with particular emphasis on the financial instrument components. Prerequisite: ECO 437, or approved equivalent.

ECO 445. Economic Development. 4 hours.

Examination of development economics and developing nations, characteristics of developing countries and the effects of colonialism; definition of development and theories of development and theories of imperialism and development; the growth issue, economics of growth, growth and poverty and income distribution; the population issue and economics of population; the unemployment problem; theories and policies of urbanization and rural-urban migration; agricultural transformation and rural development; education and development; international trade theory and development; the balance of payments, exchange rates, and the debt problem; export promotion, imports, economic integration; direct foreign investment and foreign aid; development planning, fiscal and monetary policies, and the role of the state; global economic issues. Prerequisite: Principles of economics, or ECO 315.

ECO 447. International Trade and Finance. 4 hours.

Survey of pure theory of trade: classical trade theory, Hechscher-Ohlin-Samuelson theorem, and related topics; international trade and growth; theory of tariffs, protection, and customs union; and movement of factors of production. Survey of theory and policy of international finance: exchange rate theories, balance of payments, international financial markets, macroeconomic policy mix for external and internal equilibrium, LDC debt problem, and international cooperation. Prerequisite: Introduction to microeconomics and introduction to macroeconomics, or equivalent, or ECO 315.

ECO 448. International Finance. 4 hours.

Provides basic understanding of the literature in international finance and reviews basic literature in multinational finance. Topics include foreign exchange markets, parity conditions in international finance, international investment, balance of payments, international monetary arrangements, Eurocurrencies and international money markets, multinational finance, foreign exchange risk management, multinational working capital, and foreign investment and financing. Prerequisite: Introduction to microeconomics and introduction to macroeconomics, or equivalent, or ECO 315, and ECO 313.

ECO 449. International Business. 4 hours.

Designed for undergraduate students of economics interested in the field of international economics as well as the MBA who wants a specialty in the field of global business. Covers different approaches to international business; theory of direct foreign investment; multinational enterprises; and their strategies in marketing, production, management, and finance. Also covers the cultural aspect of global business and business-government interactions. Prerequisite: Introduction to Microeconomics and Introduction to Macroeconomics, or equivalent, or ECO 315.

Economics (ECO)

ECO 456. Public Finance. 4 hours.

Microeconomic analysis of public finance and the role of government in a mixed economy, with attention to public goods theory, cost-benefit analysis, and taxation. Examines the economic basis of government and its functions; analyzes alternative government expenditures, regulations, and finances, including the Social Security and food stamp programs. Prerequisite: ECO 301 for majors, Introduction to Microeconomics and Introduction to Macroeconomics, or equivalent, or ECO 315 for non-majors.

ECO 461. Industrial Organization. 4 hours.

Structure, conduct, and performance of American industry: historical evolution, alternative industrial systems, anti-trust policies and their alternatives. Technological change and its impact on both industrial performance and conventional economic theory.

ECO 474. Environmental Economics. 4 hours.

Basic theoretical tools necessary to examine current environmental problems from an economic standpoint. Covers externalities, cost assignment, and environmental problems associated with economic growth. Same as ENS 421. Prerequisite: ECO 301, or approved equivalent.

ECO 485. Business Cycles. 4 hours.

Characteristics of business cycles; measuring business cycles; classical and modern theories of business cycles; non-orthodox theories of business cycles (such as those of Veblen, Mitchell, and Kalecki); real business cycle; political business cycle; impacts of business cycles; and the role of monetary and fiscal policy in business cycles analysis. Prerequisite: Introduction to microeconomics and introduction to macroeconomics, or equivalent, or ECO 315.

ECO 490. Advanced Topics in Economics. 1 TO 4 hours.

Each topic covers a different economics concept and may include an intensive workshop. May be repeated for an indefinite number of hours, but particular topics must differ.

ECO 499. Tutorial In Economics. 1 TO 4 hours.

Undergraduate readings and/or research in selected topics in economics. Arranged by the student with instructor of his/her choice. May not be substituted for a regularly scheduled class. May be repeated to a maximum of 4 hours if topics vary.

Educational Leadership (EDL)

EDL 502. School Finance. 4 hours.

Sources of school revenue, analysis of expenditure policies, intergovernmental relationships, introduction to economics of education, trends and issues, and other aspects of school finance. Clinical experiences included. Restricted to Graduate students.

EDL 503. School Law. 4 hours.

Examination of the legal aspects of public education; statutory and case law; rights and responsibilities of boards, administrators, teachers, and students; legal principles; and specific applications. Restricted to Graduate students.

EDL 504. Politics Of Education. 4 hours.

Political effects on education at federal, state, county, and local levels. Political roles of superintendent, board, and special interest groups. Political activities of principals, teachers, and community groups. Effects of court decisions and legislation. Clinical experiences included. Restricted to Graduate students.

EDL 505. Introduction To Research. 4 hours.

Basic research methods in educational administration. Topics include qualitative and quantitative research design, sampling, ethics, instrumentation, and validity. Restricted to Graduate students.

EDL 509. Organizational Dynamics. 4 hours.

Structure and function of an organization as a social system and of individual, group, and leadership processes and behavior within it. Clinical experiences included. Restricted to Graduate students.

EDL 511. Curriculum. 4 hours.

Modern curricular theories, practices, and development. Sources of knowledge used in formulation of elementary and secondary curricular patterns that have emerged in American education. Approaches to curricular study, revision, and evaluation. Clinical experiences included. Restricted to Graduate students.

EDL 513. Educational Evaluation. 4 hours.

Theory, techniques, and application of evaluation as related to policy formulation and decision making in an educational environment. Prerequisite: EDL 505 recommended. Restricted to Graduate students.

EDL 514. Collective Bargaining. 4 hours.

Examination of the history and impact of collective bargaining in public education associated with the changing attitudes and problems and of the process itself. Restricted to Graduate students.

EDL 519. The Principalship. 4 hours.

Competencies, role, and responsibilities of the building principal. Elementary, junior high, and senior high school principalships studied. Current research, issues, and problems considered. Clinical experiences included. Restricted to Graduate students.

EDL 525. Supervision Of Instruction. 4 hours.

Application of principles of supervision in the instructional setting. Includes current curricular and instructional practices, K-12. Specific goal is improvement of curricular and instructional practice through the supervisory role. Restricted to Graduate students.

Educational Leadership (EDL)

EDL 526. Supervised Clinical Exp. I. 2 hours.

Sequence of on-site practical experiences provides students with opportunities to work with administrative practitioners in the educational enterprise. These planned and supervised experiences must be worked out among the faculty coordinator, on-site supervisor, and student. Credit/No Credit grading only. Prerequisites: 20 hours of course work to include EDL 502, EDL 503, EDL 511 or EDL 525, and EDL 519. Restricted to Graduate students.

EDL 527. Supervised Clinical Exp. II. 2 hours.

Second in the sequence of on-site practical experiences provides students with opportunities to work with administrative practitioners in the educational enterprise. These planned and supervised experiences must be worked out among the faculty coordinator, on-site supervisor, and student. Credit/No Credit grading only. Prerequisites: EDL 526. Restricted to Graduate students.

EDL 528. Master's Project Proposal. 2 hours.

Integrative course using case analysis of various aspects of educational administration and school practices. Student's particular area of interest is the focus of a required written proposal for a major project to be completed during EDL 529. Clinical experiences included. Credit/No Credit grading only. Prerequisites: 28 hours of EDL course work including EDL 505, or approved equivalent. Restricted to Educational Leadership. Restricted to Graduate students.

EDL 529. Master's Project. 2 hours.

Inquiry and/or problem-solving project designed and approved in EDL 528, including submission of a report on the project that must be accepted by a committee of three faculty members. NOTE: If the project is not completed during the initial two-hour enrollment, students must register for EDL 597 for zero credit hours (one billable hour) in all subsequent semesters until the project/portfolio is completed. Credit/No Credit grading only. Prerequisite: Completion of EDL 528. Restricted to Educational Leadership. Restricted to Graduate students.

EDL 531. The Organization and Administration of Special Education. 2 hours.

Philosophy, development, legislation, and current status of Illinois special education. Emphasis on cooperatives and their management including budget, personnel, and governing boards. Restricted to Graduate students.

EDL 532. Current Issues and Problems in the Administration of Special Education. 2 hours.

Current issues confronted by directors, such as new state and federal legislation, new state policies and regulations, and P.L. 94-142 implementation. Staff recruitment, in-service, and personnel evaluation considered. Effective governing board policies and relations examined. Restricted to Graduate students.

EDL 535. Philosophy of Education. 4 hours.

Major philosophical views of aims and processes of education. Considerations given to the educational ideas of such thinkers as Plato, Augustine, Rousseau, and Dewey, as well as to assumptions underlying current reform proposals. Same as PHI 535. Restricted to Graduate students.

EDL 541. Educational Research Methods. 4 hours.

Basic research methods in education. Includes qualitative and quantitative research design, sampling, ethics, instrumentation, and validity. The goal is to increase critical and analytical capabilities and to enhance strategies and systems for achieving excellence in education. Restricted to Graduate students.

EDL 542. Teacher Leadership. 4 hours.

Examination of leadership characteristics and application of processes and strategies of teacher leadership. The goal is the ability to understand and apply problem-solving tools while working with people in educational settings. Restricted to Graduate students.

Educational Leadership (EDL)

EDL 543. Instructional Design. 4 hours.

Examination of the role of standards and curriculum at district and school levels in shaping educational changes and reforms. The goal is to examine and understand curriculum and instructional issues within the context of reform efforts. Restricted to Graduate students.

EDL 544. Expectations, Standards, and School Improvement. 4 hours.

Discussion of theories, research, and application of standards in school reform. The goal is further understanding of improvement and the role of standards and standardized testing. Restricted to Graduate students.

EDL 545. Supervision of Instruction for Teacher Leadership. 4 hours.

Theories, research, and processes of collegial supervision of classroom instruction. Includes analysis of teaching, effective practices, and communication. The goal is to enhance collaboration between colleagues and independent work to ensure improvement of curricular development and instructional practice. Restricted to Graduate students.

EDL 546. Teachers in the Learning Community. 4 hours.

Examining and setting expectations of teachers in learning communities. Includes methods of working in teams and applying core values and concepts of leadership to support continuous improvement and to promote learning-centered education. Restricted to Graduate students.

EDL 547. Technology In The Curriculum. 4 hours.

Examination of Illinois State Board of Education and International Society for Technology in Education technology standards for teachers and teacher educators. Topics include software applications and the use of the Internet in the classroom. The goal is to integrate technology into educational situations. Restricted to Graduate students.

EDL 548. Reading And Literacy. 4 hours.

Explores best practices in literacy education. Topics include improving literacy and ways that literacy can be taught across the curriculum. The goal is to gain an understanding of the uses and value of reading and literacy. Restricted to Graduate students.

EDL 549. Strategies for Improving Teaching of Language Arts and Social Studies. 4 hours.

Examination of teaching methods for language arts and social studies, and means to improve the methods in relation to standards. The goal is improvement of teaching through the sharing of strategies. Restricted to Graduate students.

EDL 551. Strategies for Improving Teaching of Mathematics and Science. 4 hours.

Examination of teaching methods for mathematics and science, and means to improve the methods in relation to standards. The goal is improvement of teaching through the sharing of strategies. Restricted to Graduate students.

EDL 553. Assessment of Students' Learning Difficulties and Disabilities. 4 hours.

Examination of methods of assessment for students with learning difficulties/disabilities. The course will focus on the interpretation and use of assessment results. Restricted to Graduate students. Restricted to Graduate students.

EDL 554. Characteristics of Exceptional Children. 4 hours.

Examination of characteristics for various classifications of special education students. The course will focus on the identification of criteria required for classification of students with special needs. Restricted to Graduate students.

Educational Leadership (EDL)

EDL 555. Foundation for Technology in the Curriculum. 4 hours.
Basic technology skills and knowledge necessary for today's education professionals. Computer operation, electronic communication, and computer applications with emphasis on the tools most applicable to the classroom setting. Restricted to Graduate students.

EDL 557. Matching Teaching and Learning Styles. 4 hours.
Relationship between teaching styles and student learning styles. Teachers will determine their teaching styles, learn how to recognize their students' learning styles, and explore teaching strategies that enhance student learning. Restricted to Graduate students.

EDL 558. Strategies for Teaching Children with Special Needs I. 2 hours.
Examination of strategies that can be used to teach children with special educational needs. Restricted to Graduate students.

EDL 559. Strategies for Teaching Children with Special Needs II. 2 hours.
Further examination of strategies that can be used to teach children with special educational needs. Restricted to Graduate students.

EDL 560. Introduction to Illinois Natural Resources for Teachers. 4 hours.
Examination, research and practical application of Illinois' natural resources information with the goals of understanding location, composition, utilization, conservation and issues. Restricted to Graduate students.

EDL 563. Mentoring for Excellence in Teaching. 4 hours.
Research and practical application of issues involved in mentoring teachers at various levels of development, including student teaching, first-year teaching, teachers new to district. Restricted to Graduate students.

EDL 564. Technology Strategies for Teachers. 4 hours.
Advanced knowledge of instructional applications of modern technologies. Philosophy and purpose behind instructional technology and strategies for classroom implementation. Restricted to Graduate students.

EDL 565. Addressing Quality Improvement in Educational Settings. 4 hours.
Knowledge base and practical skills to identify and solve problems. The goal is to enable teachers, through systematic use of statistical and problem-solving tools, to achieve documentable improved academic results. Restricted to Graduate students.

EDL 566. Strategies for Teaching in Early Childhood Situations. 4 hours.
Knowledge and skills for early childhood teachers to promote excellence in teaching through observation, interaction, and intervention with their students. Restricted to Graduate students.

EDL 567. Learning Improvement Through Student Accountability. 4 hours.
Knowledge base and skills to teach students how to plan, track, and achieve improved learning. Restricted to Graduate students.

EDL 568. Seminar on Strategies for Teaching Special Populations I. 2 hours.
Discussions that examine and suggest issues and strategies for teaching populations with specific needs (e.g., incarcerated youths, migrant workers). Restricted to Graduate students.

EDL 569. Seminar on Strategies for Teaching Special Populations II. 2 hours.
More in-depth discussions that examine and suggest issues and strategies for teaching populations with specific needs. Restricted to Graduate students.

Educational Leadership (EDL)

EDL 570. NBPTS: Issues and Trends. 4 hours.

Inquiry into the NBPTS process designed to explore the basic skills needed to complete National Certification. The goal is to analyze the implications of NBPTS and determine if this process is the best professional development for each individual teacher. Restricted to Graduate students.

EDL 571. NBPTS Certification Assistance I. 2 hours.

Examination and development of a mock portfolio as preparation for National Board certification. The goal is to provide experience in creating professional portfolios. Prerequisite: three years of teaching experience. Restricted to Graduate students.

EDL 572. NBPTS Certification Assistance II. 2 hours.

Development of the portfolio required for National Board certification. The goal is completion and submission of a portfolio. Restricted to Graduate students.

EDL 573. Survey Of Exceptional Children. 4 hours.

Examination of students with special needs of all types with the goal of understanding their educational needs and ways to meet those needs. Restricted to Graduate students.

EDL 574. Critical Legal Issues in Education. 2 hours.

Exploration of critical issues in the education workplace. Topical discussions could include areas of policy, legislation, recent court cases, or current issues school reform. These issues could include such "hot topics" as high stakes testing, NCLB, certification, educational funding, school choice, vouchers, alternate education, school consolidation, educational technology, etc. Restricted to Graduate students.

EDL 575. Legal Aspects of Special Education. 2 hours.

Legal rights of students with disabilities and the corresponding responsibilities and obligations of schools and educational personnel for meeting their educational needs. The course will include specific legal components inherent with the identification and education of students with disabilities including adaptations of classroom instructional methodology for students with disabilities in the regular educational classroom. Restricted to Graduate students.

EDL 576. Minimizing Legal Risks in the Education Workplace. 2 hours.

Tort liability issues for employees in the educational workplace. Discussions will include ways to identify and reduce risk exposure for educational employees, types of liability, immunity and indemnification of educational employees. Restricted to Graduate students.

EDL 577. Schools In The Legal System. 2 hours.

Examination of the legal system and education. This course will provide students with an introduction to law and the legal system. It is designed to be an introductory course for a series of school law courses. Basic legal topics will be explored using educational issues and illustrations. Restricted to Graduate students.

EDL 578. Educational Workplace Employability Issues. 2 hours.

Workplace requirements and issues governing the employment, hiring, dismissal and job security of educational personnel. The course will include an examination of testing, certification, and licensing requirements, performance evaluations and fair labor standards. Restricted to Graduate students.

EDL 579. Collective and Interest-Based Bargaining. 2 hours.

Issues involved with bargaining rights relative to the educational workplace. The course will include a discussion of the legal rights and responsibilities of employers and employees under the Illinois Educational Labor Relations Act and strategies such as interest based bargaining will be highlighted. Restricted to Graduate students.

Educational Leadership (EDL)

EDL 580. Teacher, Parent, and Student Rights. 2 hours.

Rights and responsibilities of teachers, parents and students. Topics for discussion will include fundamental freedoms of expression, religion, association, due process, discrimination, free speech, publications, and academic freedom. Restricted to Graduate students.

EDL 581. Legal Responsibilities for the Education Workplace. 2 hours.

Responsibilities of educators in the educational workplace. The course will include statutorily mandated legal information as required and pragmatically needed for educators to respond effectively in the educational setting. Restricted to Graduate students.

EDL 582. Political Action And Advocacy. 2 hours.

Role of the educational employee as an advocate for issues affecting education and children. The role of the educational employee in the politics of education will be discussed. This course is designed to analyze policy issues relevant to the educational workplace by using legal advocacy research and related resources. Restricted to Graduate students.

EDL 583. Teaching Law In K-12 Schools. 2 hours.

Assists educators to integrate law and legal materials into school curriculum. Law related educational resources will be examined with a demonstration of common law-related methods. Emphasis will be placed on secondary sources of law. Restricted to Graduate students.

EDL 585. Foundations of Teacher Leadership. 4 hours.

Provides an examination of learning to become a teacher leader and being a member of an online community. Included are strategies for e-learning, teacher leaders as part of a virtual learning community, graduate level research and writing, and creating an e-portfolio. Restricted to Graduate students.

EDL 586. MTL Capstone. 4 hours.

Implementation of an inquiry-based school improvement effort in a local school setting. Students lead a team to define a problem, analyze its causes and review applicable research, develop and implement an action plan, analyze results and make recommendations for further continuous improvement. Students demonstrate skills exemplifying (1) teacher leadership, (2) accountability through data-based decision making, and (3) continuous improvement in teaching and learning. This course satisfies the closure requirement. NOTE: If the project is not completed during the initial enrollment, students must register for EDL 598 for zero credit hours (one billable Hour) in subsequent semesters until the project is completed. Prerequisites: 32 hours of EDL / MTL course work including EDL 541 and 542. Restricted to Graduate students.

EDL 587. Intro to IL Woodlands/Teachers. 4 hours.

The examination, research and practical application of Illinois woodlands ecology and management information with the goals of understanding history, composition, location, utilization, management, conservation and issues. Restricted to Graduate students.

EDL 588. Introduction to Illinois Prairies for Teachers. 4 hours.

Examination, research and practical application of Illinois prairie ecology and management information with the goals of understanding history, location, composition, utilization, management, conservation and issues. Restricted to Graduate students.

EDL 589. Introduction to Illinois Geological Processes for Teachers. 4 hours.

Examination, research and practical application of Illinois geological processes with the goals of understanding cycles, forces, mechanics, location, utilization, conservation and issues. Restricted to Graduate students.

Educational Leadership (EDL)

EDL 590. Thesis. 2 TO 8 hours.

Credit awarded upon acceptance of thesis. May be substituted for EDL 529. NOTE: If the thesis is not completed by the time eight hours are accrued in continuing enrollment, students must register in EDL 596 for zero credit hours (one billable hour) in all subsequent semesters until the thesis is completed. May be repeated to a maximum of 8 hours. Prerequisite: EDL 528. Restricted to Educational Leadership. Restricted to Graduate students.

EDL 596. Thesis Continuing Enrollment. 0 hours.

Refer to NOTE in course description for EDL 590. May be repeated. Restricted to Educational Leadership. Restricted to Graduate students.

EDL 597. Master's Project Continuing Enrollment. 1 OR 4 hours.

Refer to NOTE in course description for EDL 529. May be repeated. Restricted to Educational Leadership. Restricted to Graduate students.

EDL 598. MTL Capstone Continuing Enrollment. 0 hours.

Refer to NOTE in course description for EDL 586. May be repeated. Restricted to Educational Leadership. Restricted to Graduate students.

EDL 599. Independent Research And Study. 1 TO 12 hours.

Supervised investigation into specific topic or research project selected by the student with faculty approval. May include library or field work. May be repeated to a maximum of 4 hours with approval. Students may register in more than one section per term. Restricted to Graduate students.

EDL 603. Advanced Seminar on Law & Public Policy. 4 hours.

Examination of federal and state constitutional, statutory and policy sources applicable to educators and a variety of legal and policy issues affecting educational administration. Restricted to Graduate students.

EDL 604. Politics of Education: Federal, State & Local Politics and Policies. 4 hours.

The political and social environment of public education in Illinois: analysis of the power structure and its influence on educational policymaking. Restricted to Graduate students.

EDL 605. Research in Educational Leadership. 4 hours.

Examination and critique of education research and issues related to designing and planning research studies and improvement projects. Candidates learn to apply techniques to specific research problems and projects. Restricted to Graduate students.

EDL 611. Superintendent as Instructional Leader. 4 hours.

Study of the major ideas and emerging research on school improvement issues of the superintendent. In-depth examination of reform initiatives for changing the organization of schools, the instructional program, and the role of students, teachers, and school leaders. Restricted to Graduate students.

EDL 612. Management of Educational Funds & Facilities. 4 hours.

Study of financing public education in Illinois: school finance policy, budgeting, and financial administration as well as management of educational facilities. Restricted to Graduate students.

EDL 621. Superintendent and Central Staff/Personnel Management. 4 hours.

The course will address the legal, social, ethical, and financial issues relating to employment, supervision, and evaluation of employees as well as development and leadership of the administrative team or cabinet. Restricted to Graduate students.

Educational Leadership (EDL)

EDL 626. Clinical Experiences/Internship I. 2 hours.

On-site field experience provides opportunities for candidates to work with administrative leaders and faculty coordinator to improve each candidate's professional developmental needs in a live setting. Credit/No Credit grading only. Restricted to Graduate students.

EDL 627. Clinical Experiences/Internship II. 2 hours.

On-site field experience provides opportunities for candidates to work with administrative leaders and faculty coordinator to improve each candidate's professional developmental needs in a live setting. Credit/No Credit grading only. Prerequisite: EDL 626. Restricted to Graduate students.

EDL 635. Organizational Theory & Leadership. 4 hours.

Overview of sociological and behavioral theories that relate to administration of various educational organizations. Restricted to Graduate students.

EDL 680. Leadership & School Improvement. 4 hours.

Study of theoretical perspectives and research drawn from social science, business, government, and healthcare relating to educational organizations and administrative leadership with an emphasis on application of theory to practice and organizational improvement. Restricted to Graduate students.

English (ENG)

ENG 101. Composition I: College Writing and Academic Identity. 4 hours.

English 101 is designed to aid students in making the high school graduate to college student transition. The course introduces students to college-level writing, reading, and critical thinking skills, while helping them to understand that becoming a college student means becoming somebody they've never been before.

ENG 102. Composition II: Inquiry Civic Hierarchy and Engagement. 4 hours.

Emphasizes tasks that will provide students with strategies and skills that will allow them to begin demonstrating proficiency in their critical thinking, research, and academic writings. This proficiency will become part of the foundation of a quality UIS education.

ENG 150. ECCE: Topics in World Literature. 3 hours.

Introduction to the comparative study of literature.

ENG 235. Introduction to American Literature. 3 hours.

Open to all undergraduates, this is a first course for English majors and fulfills a humanities requirement for students in other fields. Introduces American fiction, poetry, non-fiction, and drama by authors representing diverse cultures, races, and regions, and offers an overview of American literary history.

ENG 236. Introduction to British Literature. 3 hours.

Open to all undergraduates, this is a first course for English majors and fulfills a humanities requirement for students in other fields. Introduces the major periods, genres, authors, and works of British literary history.

ENG 237. Introduction to Literature. 3 hours.

Open to all undergraduates, this is a foundation course for understanding literature. Develops critical reading skills and skills of literary analysis and interpretation for poetry, drama, short fiction, and the novel.

ENG 238. European Short Fiction. 3 hours.

Open to all undergraduates, this course studies and analyzes short stories by Tolstoy, Chekhov, Maupassant, Flaubert, Zweig, Mann, and Kafka.

ENG 252. Introduction to Fiction. 3 hours.

Open to all undergraduates, ENG 252 is a first course for English majors and fulfills a humanities requirement for students in other fields. Introduces fiction as a literary genre. Focus is on short stories and novels of various cultures and periods.

ENG 301. Introduction to the Discipline. 4 hours.

Introduction to the Discipline is designed to help English Majors master the fundamental skills required to succeed in the discipline: Knowledge of genres, close and analytic reading of literature, and writing about it in disciplinary appropriate discourse. Prerequisite: C or better in ENG 102. Restricted to English.

ENG 311. Literary Study and Research. 4 hours.

For undergraduate majors early in their study. Introduction to basic bibliographic tools and critical perspectives on the study of literature and the major issues and controversies in the profession. Student portfolios and other means of assessment will be explained and initiated. ENG 311 constitutes the English program's assessment in the major at the entry level. Restricted to English.

English (ENG)

ENG 335. Early American Literature. 4 hours.

Survey of American literature from contact through 1865, including texts from the colonial, revolutionary, and antebellum periods. Focus will be upon literary analysis and literary movements contextualized by American history and culture. Prerequisites: ENG 101 and 102 (or equivalent).

ENG 339. European Cinema. 4 hours.

Introduction to masterpieces of French, German, Italian, Russian, Spanish, and Swedish cinema. We will view the films, discuss the specificity of filmmaking, and learn about different cinematic trends and directors who created European cinema.

ENG 355. Literature and the Bible. 4 hours.

Biblical literature and its influence on British and American writers.

ENG 359. Greek Mythology. 4 hours.

Classical authors such as Homer, Hesiod, Pindar, Aeschylus, Sophocles, and Euripides. Particular emphasis on their influence on later writers.

ENG 375. Expository Writing. 4 hours.

Individualized instruction in writing nonfiction.

ENG 379. Writing in the Social and Behavioral Sciences. 4 hours.

Acquaints students with the writing and research practices of the social and behavioral disciplines. Provides instructions on developing a topic, building a problem or issue, identifying and collecting resources, working with and summarizing sources, in writing an introduction, literature review, and conclusion, and in using APA or MLA format.

ENG 400. The Shakespeare Project. 4 hours.

Examination of six plays and related sonnets, with close attention to Shakespeare's language, facets of performance, and his insights into human nature. Play selection varies from semester to semester. May be repeated if topics vary.

ENG 401. Chaucer. 4 hours.

Texts may include *The Canterbury Tales* and *Troilus and Criseyde*, as well as other works. Course involves instruction in learning to read Middle English.

ENG 402. Milton. 4 hours.

Close reading of Milton's works, using *Paradise Lost* as the centerpiece around which his prose and other poems can be understood. Also addresses literary style and Milton's political career.

ENG 403. Arthurian Literature. 4 hours.

Explores the legends and literature surrounding King Arthur. Texts may include both medieval and modern adaptations.

ENG 410. Major Figures in British Literature: 1700 to 1900. 4 hours.

Intensive study of the work of one or two of the following authors: Swift, Johnson, Blake, Wordsworth, Coleridge, Byron, Shelley, C. Bronte, Dickens, Eliot, Trollope. May be repeated if topics vary.

ENG 413. The British Romantics. 4 hours.

Major figures (1789 to 1832), including Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats.

English (ENG)

ENG 414. Poetry and Prose of the Victorian Age. 4 hours.

Major poets and prose writers of 19th-century England, including Carlyle, Tennyson, the Brownings, Newman, Arnold, Mill, the Rossettis, Swinburne, and Hopkins. Emphasis on the "Wemmick Syndrome," the divided self.

ENG 415. The British Novel from Dickens to Hardy. 4 hours.

Study of the relationship between the novel and society in 19th century Britain through scrutiny of selected works by such major Victorian novelists as Dickens, Eliot, Mrs. Gaskell, the Bronte sisters, and Hardy. Emphasis on the realist novel; further emphasis on class through study of the industrial novel and on gender through study of the connections between 19th century British women writers and the novel form.

ENG 420. Major Figures in British Literature since 1900. 4 hours.

Major authors such as Conrad, Lawrence, Joyce, Woolf, Bowen, and Green. May be repeated if topics vary.

ENG 421. Modern British Literature. 4 hours.

British literature from the end of the 19th century to 1970, including Bennet, Shaw, Lawrence, Joyce, Woolf, Waugh, Golding, Beckett, Bowen, and Greene. Emphasis on the history and development of the early modern British novel.

ENG 422. Contemporary British Literature. 4 hours.

British literature from 1979 to the present, including Amis pere et fils, Iris Murdoch, John Fowles, David Lodge, Angela Carter, Margaret Drabble, Ian McEwan, John Banville, and Pat Barker. Emphasis on the history and development of the late modern-to-contemporary British novel.

ENG 430. Six Contemporary Poets. 4 hours.

Close readings of the works of six British and American poets, the selection varying each semester. Groupings correspond to Modernists, forerunners of the Moderns, and complementary sets of contemporary artists. May be repeated if topics vary. Students may register in more than one section per term.

ENG 435. American Literature 1820-1865. 4 hours.

American literature from 1835 to about 1870, including works by such authors as Emerson, Thoreau, Hawthorne, Melville, Poe, Whitman, and Dickinson.

ENG 436. The American Novel, 1865-1915. 4 hours.

Novels by such writers as Chopin, Dreiser, James, Twain, and Wharton.

ENG 438. African-American Literature. 4 hours.

An examination of African-American literature and heritage from slave and freedmen narratives of colonial America through 19th and 20th century writers like Perry, Williams, Washington, DuBois, Dunbar, Wright, Baldwin, Hughes, Brooks, Madhubuti, Morrison, Sanchez, Walker, Angelo, and selected African and Caribbean writers such as Anta Diop and C.L.R. James will be studied.

ENG 439. The Symbolist Movement in Europe (1850-1915). 4 hours.

Predominant themes informing such diverse movements as the British Pre-Raphaelites and Aesthetes, the French and Russian Symbolists and Decadents.

ENG 440. Major Figures in American Literature Since 1900. 4 hours.

Major authors such as Frost, Hemingway, and Faulkner. May be repeated if topics vary. Students may register in more than one section per term.

English (ENG)

ENG 441. Literature Between the Wars. 4 hours.

Fiction of major American writers from 1919 to 1939, such as Anderson, Cather, Fitzgerald, Hemingway, Steinbeck, Faulkner, and Hurston.

ENG 442. Contemporary American Novel. 4 hours.

Major post-war novelists, including Bellow, Ellison, Erdrich, Morrison, and Vonnegut.

ENG 445. Midwestern Literature. 4 hours.

Selected works that illuminate rural, town, and urban experience in the Midwest, including works by Cather, Anderson, Bellow, and Brooks.

ENG 446. Literature & Culture of Early America. 4 hours.

Examines early American literature in historical and cultural context covering poetry by Bradstreet and Bryant, fiction by Irving and Cooper, prose nonfiction by Edwards and Franklin, as well as cultural documents.

ENG 451. Fedor Dostoevsky. 4 hours.

Studies in depth the works of Fedor Dostoevsky. The course will be centered around two major novels: "The Brothers Karamazov" and "The Idiot".

ENG 452. Fedor Dostoevsky & the Church. 4 hours.

This course involves in-depth study of Fedor Dostoevsky's major fiction from historical and literary perspectives, with emphasis on his attitude towards Christianity in its Orthodox, Catholic, and Protestant variants. Same as HIS 464.

ENG 460. Themes in Literature. 4 hours.

How literary works express such themes as the American dream, futurism, industrialism, minority experiences, women's roles, and nature writing. May be repeated if topics vary. Students may register in more than one section per term.

ENG 461. Major Women Writers. 4 hours.

Novels by such major female authors as Austen, the Brontes, Eliot, Woolf, Wharton, Lessing, and Cather. Same as WMS 461.

ENG 462. Images of Women in Literature. 4 hours.

Literary works created by women through the ages. Same as WMS 462.

ENG 463. Native American Women's Literature and Culture. 4 hours.

Novels, short stories, poetry, and literary and cultural criticism by Native American women writers, such as Paula Gunn Allen, Leslie Marmon Silko, Joy Harjo, and Louise Erdrich. Same as WMS 463.

ENG 464. Women's Spirituality. 4 hours.

Exploration of women's spirituality through novels, poetry, autobiographies, and essays by such authors as Gloria Naylor, Starhawk, Mary Daly, Audre Lorde, Judith Plaskow, and Carol Christ. Emphasis on students developing their own spiritual autobiographies. Same as WMS 464, AAS 464.

ENG 465. History of the English Language. 4 hours.

Development of the sounds, vocabulary, and structure of English from earliest time to the present. Special attention given to American English.

ENG 466. Multicultural American Women's Literature. 4 hours.

Explores the writings of women from such American cultures as Asian, American Indian, Latina, and African. Same as WMS 466.

English (ENG)

ENG 467. Women-Centered Literature. 4 hours.

Examines works by women authors who identify themselves emotionally and/or erotically with other women, such as Radclyffe Hall, Rita Mae Brown, Dorothy Allison, Audre Lorde, and Jane Rule. Course emphasizes both the literature and its social history. May be repeated if topics vary. Same as WMS 467.

ENG 468. European Literature: Ancient Greek and Biblical Motives, 1880-Present. 4 hours.

Demonstrates how our culture is influenced by the ancient world. Studies works by Oscar Wilde (British), Thomas Mann (German), Michael Bulgakov (Russian) and Marguerite Yourcenar (French).

ENG 469. Shakespeare's England. 4 hours.

A survey of English history from the later Middle Ages through the early Stuarts, concentrating on the materials pertinent to an understanding of William Shakespeare's history plays. Combines historical research and discussion with close readings of five plays. Same as HIS 469.

ENG 470. Creative Writing. 4 hours.

Instruction in writing original poetry, novels, plays, and short stories. May be repeated if topics vary. Students may register in more than one section per term.

ENG 471. Creative Writing: Nonfiction. 4 hours.

Creative writing grounded in the empirical world: interviews, memoirs, and other primary sources. Focus on locating a structural pattern in previously uncontextualized material and writing that information with a clear and consistent voice.

ENG 474. Professional and Technical Writing. 4 hours.

Principles of composition and rhetoric applied to the basic genres of scientific, technical, and business writing including the report, proposal, manual, and correspondence.

ENG 475. Writing Essays and Reviews. 4 hours.

The writing of essays and review of articles, books, film, and art using periodicals and magazines as models.

ENG 477. Literary Heroines from Around the World. 4 hours.

This course will concentrate on study of images of women in European literature written either by men or women writers.

ENG 478. The Theory and Practice of Composition and Rhetoric in the American University. 4 hours.

Examines the history of teaching college writing in American Universities from Classical and belletristic methods of the eighteenth and nineteenth centuries to current theories and practices influenced by postmodernism and cultural criticism.

ENG 480. Literary Genres. 4 hours.

Scrutiny of such genres as science fiction, mystery, the Gothic novel, literary biography, film, drama, lyric poetry, and the long poem. May be repeated if topics vary. Students may register in more than one section per term.

ENG 485. Classics in Children's Literature. 4 hours.

Books children read from when there was no "children's literature" up to modern books written with children in mind. Encompasses both literature and a social history of children and the family.

English (ENG)

ENG 486. Childhood's Past. 4 hours.

Examines the history of childhood through fiction. Emphasis will be primarily on U.S. history. In addition to reading history and literature, students will engage in self-reflexive consideration of childhood with oral histories and personal memories. Same as HIS 486, and WMS 486.

ENG 489. Capstone to Literary Study. 4 hours.

Required of undergraduate majors late in their course of study. Student skills will be evaluated through assignments that reflect on professional issues, their own experiences, and their plans for their professions. ENG 489 constitutes the program's assessment in the major at the exit level. Prerequisite: ENG 311. Restricted to English.

ENG 499. Tutorial. 1 TO 12 hours.

May be repeated.

ENG 510. Seminar: Major Figures in British Literature 1700-1900. 4 hours.

One or two major authors, including significant scholarly research. May be repeated if topics vary. Students may register in more than one section per term. Restricted to Graduate students.

ENG 520. Seminar: Major Figures in British Literature since 1900. 4 hours.

One or two major authors, including significant scholarly research. May be repeated if topics vary. Students may register in more than one section per term. Restricted to Graduate students.

ENG 530. Major Figures in British Literature. 4 hours.

One or two major authors, focused on literary, cultural, and historical scholarship. May be repeated if topics vary. Students may register in more than one section per term. Restricted to English. Restricted to Graduate students.

ENG 540. Seminar: Major Figures in American Literature. 4 hours.

One or two major authors, including significant scholarly research. May be repeated if topics vary. Students may register in more than one section per term. Restricted to Graduate students.

ENG 555. Literary Theory and Criticism. 4 hours.

An introduction to major approaches and concepts of literary theory and criticism from Plato to the present. Traces the history of critical theory from the Greeks to the 20th century. Covers various contemporary movements such as New Criticism, Psychoanalysis, Structuralism, Reader Response, Deconstruction, Feminism, New Historicism, and Postcolonialism. Restricted to Graduate students.

ENG 560. Graduate Seminar: Literary Period. 4 hours.

Coverage of such periods in British literature as Medieval, Renaissance, Restoration and 18th Century, Romantic, Victorian, Edwardian, Modern, Postmodern, or Contemporary, and such periods in American literature as the American Renaissance and other literary periods in modern and contemporary American literature. May be repeated if topics vary. Students may register in more than one section per term. Restricted to Graduate students.

ENG 570. Advanced Creative Writing. 4 hours.

Advanced instruction in writing original poetry, novels, and short stories. May be repeated if topics vary. Students may register in more than one section per term. Restricted to Graduate students.

ENG 572. Graduate Colloquium Research Methods. 4 hours.

Introduction to graduate study in literature, basic literary concepts and terminology, and critical theories and practices. Restricted to English. Restricted to Graduate students.

English (ENG)

ENG 575. Writing the Long Essay and the Nonfiction Chapter. 4 hours.

Workshop in writing expository and critical prose for graduate students seeking nuts-and-bolts instruction in writing long essays or chapters in projected nonfiction books or theses. Main writing assignments: two rhetorical analyses of chapters in best-selling books plus a long essay/chapter of no fewer than 7,000 words. Restricted to Graduate students.

ENG 578. Rhetoric, Reality and Epistemology. 4 hours.

This course is designed to supplement and move beyond English 478 by providing an extensive and in-depth examination of historic and cultural movements and issues, and personalities that have influenced the teaching of writing. Restricted to Graduate students.

ENG 580. Seminar: Literary Genres. 4 hours.

Genres such as creative nonfiction, mystery, comedy, science fiction, the Gothic novel, literary biography, film, drama, lyric poetry, and the long poem, with special emphasis on significant scholarly research. May be repeated if topics vary. Students may register in more than one section per term. Restricted to Graduate students.

ENG 587. Comprehensive Examination. 1 hour.

Preparation for comprehensive examination. NOTE: Students who do not successfully complete the comprehensive examination while registered for ENG 587 must enroll in ENG 588 for zero credit hours (one billable hour) in all subsequent fall and spring semesters until they pass the exam. Credit/No Credit grading only. Restricted to English. Restricted to Graduate students.

ENG 588. Comprehensive Examination Continuing Enrollment. 0 hours.

Refer to NOTE in course description for ENG 587. May be repeated. Restricted to English. Restricted to Graduate students.

ENG 589. Thesis/Creative Writing Project. 1 TO 4 hours.

Graduate closure activity involving writing a master's thesis or a creative writing project. NOTE: If the thesis or creative writing project is not completed by the time four hours of ENG 589 are accrued in continuing enrollment, students must register for ENG 590 for zero credit hours (one billable hour) in all subsequent fall and spring semesters until the thesis or creative writing project is complete. Credit/No Credit grading only. May be repeated to a maximum of 4 hours. Restricted to English. Restricted to Graduate students.

ENG 590. Thesis/Project Continuing Enrollment. 0 hours.

Refer to NOTE in course description for ENG 589. May be repeated. Restricted to English. Restricted to Graduate students.

ENG 599. Tutorial. 1 TO 12 hours.

May be repeated. Restricted to Graduate students.

Environmental Studies (ENS)

ENS 101. ECCE: Women and the Environment. 3 hours.

This course will examine how gender has influenced environmental movements in both developed and developing countries over the past three decades. Emphasis will be placed on the role of women in environmental protection, health, and justice movements. Students in this course will understand why women, along with other oppressed groups, experience environmental damages disproportionately and why the well-being of the natural environment is a feminist issue.

ENS 201. Literature and the Environment. 3 hours.

Explore and examine the exchange of ideas and information from writers from the 19th century to the present that addresses human relationships with the natural environment.

ENS 221. Environmental Facts and Fictions: The Mystery Genre. 3 hours.

Mystery fictions's role is shaping popular beliefs about environmental issues and science will be examined across cultures and around the globe.

ENS 251. Introduction to Environmental Studies. 3 hours.

Basic processes and dynamics of ecosystems and development of societal values pertinent to earth resources. Major environmental questions examined, along with options and implications involved in resolution. This course fulfills a general education requirement in the area of Life science without a lab.

ENS 262. Environmental Physical Geography. 3 hours.

The physical elements of the landscape are examined with attention focused on climate and weather, the water balance, landforms, soils and vegetation. Interrelationships between the various environmental elements and their influence on the changing natural landscape are noted. A variety of environmental problems are examined.

ENS 301. Environmental Justice in America. 3 hours.

Evaluates environmental justice as a public policy by exploring issues of inequities and discrimination resulting from use and abuse of th environment through human settlement, industrial facility siting, and environmental rules and regulations.

ENS 311. Global Change and Local Places. 3 hours.

Explores globalization of economy, environment, culture and politics on local issues and patterns of the ways people and the natural environment interact.

ENS 403. Transportation Problems and Planning Procedures. 3 OR 4 hours.

Primary attention is given to the American metropolitan transportation problem. Basic transportation planning methodologies are presented and transportation energy efficiency is evaluated. Case studies on transportation problems are presented.

ENS 404. Techniques of Environmental Planning: Remote Sensing and GIS. 3 OR 4 hours.

Applications of remote sensing that apply to environmental planning are examined. Computer mapping procedures relevant to environmental planning are presented.

ENS 411. Introduction to Environmental Education. 3 OR 4 hours.

Presents an overview of K-12 environmental education content and strategies for teaching K-12 students about the environment. Students will explore identification, evaluation, and application of instructional resources for K-12 environmental education.

Environmental Studies (ENS)

ENS 412. World Environmental Thought. 4 hours.

Examines human reactions to natural surroundings in a variety of cultural contexts, including ancient Chinese, Hindu, African, Native American, and Judeo-Christian. Compares and contrasts attitudes concerning the value of wilderness and the exploitation of natural resources. Considers the problem of understanding nature and our relationship with nature as human beings. Same as HIS 459.

ENS 418. American Environmental History. 4 hours.

Study of the American land that examines human attitudes toward both the wilderness and the quest for resources and the actual use and abuse of the natural world. Beginning with the 16th century, the course focuses on the conflicting advocacies of exploitation, preservation, and conservation. Same as HIS 438.

ENS 419. Environmental Law. 3 OR 4 hours.

Surveys the major federal statutes and regulatory schemes relating to environmental quality; analyzes and compares the contrasting approaches to regulation that have been used. Focuses on the interaction of law and policy and considers the roles of Congress, the regulatory agencies, and the courts in defining and implementing environmental mandates. Same as LES 419, MPH 419, and POS 419.

ENS 421. Environmental Economics. 3 OR 4 hours.

Basic theoretical tools necessary to examine current environmental problems from an economic standpoint. Covers externalities, cost assignment, and environmental problems associated with economic growth. Same as ECO 474.

ENS 431. Evolution and Creationism. 3 OR 4 hours.

In this course, we will examine the present evolution and creationism controversy, the teaching of creationism, "creation science," and/or the teaching of intelligent design in public schools. We will study the problem through the examination of several arenas: 1) history - of scientific and evolutionary thought, of religion, 2) epistemology - the nature of science and of religion, 3) religion - through various religious perspectives, including creation science and intelligent design, 4) science - the natural sciences (physics, chemistry, biology, evolution) and 5) public policy and politics - the guarantees of the First Amendment, its interpretation by the courts and the role of parents and school boards.

ENS 444. Aquatic Ecology. 4 hours.

Fundamentals of freshwater ecology, including abiotic-biotic interactions, aquatic ecosystem structure and function, relationships among organisms. Lecture and lab. Same as BIO 444.

ENS 445. Biology Of Water Pollution. 4 hours.

Effects of organic wastes, industrial chemicals, and nonpoint source pollutants on aquatic flora and fauna and humans. Laboratory involves detection and measurement of water pollution by toxicity testing and field sampling. Same as BIO 445.

ENS 447. Environmental Chemistry. 3 OR 4 hours.

Chemical principles behind various environmental processes and analytical chemistry techniques used to solve environmental problems will be introduced. Interactions between the geosphere, the hydrosphere, and the atmosphere will be explored. Issues of waste remediation, disposal and energy resources will be addressed. Same as CHE 431.

ENS 449. Environmental Toxicology. 3 OR 4 hours.

Study of effects of toxic chemicals on the environment. Included are sources, transport, chemical behavior, and toxic mechanisms of environmental pollutants. Same as CHE 465.

Environmental Studies (ENS)

ENS 450. Chemicals And The Citizen. 4 hours.

Provides the basic concepts and vocabulary to understand many of the hot environmental issues related to chemicals in our environment. Introduces public health and policy issues as well as technical aspects related to the broad topic of chemicals in the environment. A course about chemical issues, not chemistry, this course is designed to provide non-chemists with a basis for understanding contemporary issues such as safety testing of chemicals, air and water quality, and disposal of hazardous chemicals. Same as PAC 415.

ENS 461. Geopolitics: Geographical Aspects of International Affairs. 3 OR 4 hours.

Examines strategic geopolitical issues; problems relating to food, natural resources, population change, and technological development will be evaluated regarding international development. Addresses global issues from a geographic perspective. Same as PAC 407.

ENS 463. Our Changing Climate. 3 OR 4 hours.

Examines processes that cause the earth's climates to change. Focuses on the role of humans as active and passive agents of climatic change. Future potential ecosystem and landscape changes are discussed.

ENS 468. Environmental Geology. 3 OR 4 hours.

Relationships between humans and the geological environment, using examples from Midwestern natural history as case studies. Topics include geologic principles, ground water, energy, minerals, mining, pollution, and preparation of decisions on the geologic environment.

ENS 474. Environmental Perception. 3 OR 4 hours.

Study of perception and responses to natural environments. Analysis of the eye and other senses as perceptual systems: landscape interpretations; concepts of aesthetics; and environmental metaphors, images, and symbols.

ENS 476. Environmental Ethics. 3 OR 4 hours.

Introduces students to the multidisciplinary nature of environmental ethics, major philosophical issues and arguments within the growing field of environmental ethics, and the application of environmental ethics to environmental issues and problems.

ENS 484. Environmental Policies: Air Quality. 3 OR 4 hours.

Clean Air Act and amendments and their effect on improving ambient air quality. Analysis of administrative procedures, standards, and regulations.

ENS 485. Environmental Policies: Water Quality. 3 OR 4 hours.

Clean Water Act of 1987 and amendments and their effect on water quality. Analysis of administrative procedures, standards, and regulations.

ENS 486. Solid and Hazardous Wastes: Technology and Policy. 3 OR 4 hours.

Examines the nature of solid and hazardous wastes. Technologies, regulations, and enforcement techniques are studied and present and potential solutions are analyzed.

ENS 501. Environmental Planning: Land and Resource Use. 4 hours.

Origins of environmental planning; methods of preparing environmental plans including analysis, formulation of land-use policies, design, and influences of institutional constraints. Restricted to Graduate students.

Environmental Studies (ENS)

ENS 502. Land Use Planning: Principles and Practices. 4 hours.
Examines procedures and methodologies for preparing land use plans. Analytical tools for evaluating land-use planning data are presented. Links between land use and transportation are examined. Restricted to Graduate students.

ENS 504. Environmental Modeling with GIS. 4 hours.
Primary focus is on environmental modeling within a GIS setting. Planning problems and spatial analysis techniques are stressed. Prerequisite: ENS 404 or consent of instructor. Restricted to Graduate students.

ENS 505. Historic Environmental Preservation. 4 hours.
Preservation policies and their applications in planning are considered. History of preservation movements and of American architecture and landscapes are examined, as well as current preservation technologies. Case studies of the politics and economics of preservation. Field work required. Same as HIS 505. Restricted to Graduate students.

ENS 510. Thesis. 1 TO 4 hours.
NOTE: If the thesis is not completed by the time four hours are accrued in continuing enrollment, students must register for ENS 511 for zero credit hours (one billable hour) in all subsequent semesters until the thesis is completed. May be repeated to a maximum of 4 hours. Prerequisite: ENS 553 and 554. Restricted to Graduate students.

ENS 511. Thesis Continuing Enrollment. 0 hours.
Refer to NOTE in course description for ENS 510. May be repeated. Restricted to Graduate students.

ENS 515. Graduate Research. 1 TO 4 hours.
Advanced investigation of specific interaction between people and environment. Student must have permission of the environmental studies department faculty member under whom the work will be done. Substantial research paper required for credit; maximum of four hours may be applied toward M.A. or M.S. degree. Restricted to Graduate students.

ENS 520. Graduate Project. 1 TO 4 hours.
NOTE: If the project is not completed by the time four hours are accrued in continuing enrollment, students must register for ENS 529 for zero credit hours (one billable hour) in all subsequent semesters until the project is completed. May be repeated to a maximum of 4 hours. Prerequisite: ENS 553 and 554. Restricted to Graduate students.

ENS 521. Environmental Risk Assessment. 4 hours.
Introduction to the many aspects of risk assessment, the relationship between risk assessment and public policy and the perception of risk. Students will be expected to work out elementary problems in risk and exposure assessment. Same as MPH 527. Restricted to Graduate students.

ENS 522. Risk Assessment: Air, Land, and Water. 4 hours.
Investigates risk assessment methodologies of terrestrial, waterborne, and airborne pollutants. Case studies, computer models, and extant data considered. Prerequisite: ENS 521. Restricted to Graduate students.

ENS 523. Risk Assessment Practicum. 4 hours.
Subject matter to include identification and assessment of hazardous and toxic materials, site assessment, cleanup, and management strategies, and legal, policy, and economic applications in a real situation using extant data. This is the final course in the risk assessment sequence. Prerequisites: ENS 521, ENS 522. Restricted to Graduate students.

Environmental Studies (ENS)

ENS 526. Risk Management and Communication. 4 hours.

Risk management decisions and options. Public health, economic, ethical, social, and political consequences of decisions. Decision stakeholders, techniques of decision communication, and implementation of choices. Quality assurance and quality control tools. Restricted to Graduate students.

ENS 527. Strategic Environmental Management. 4 hours.

Strategic environmental planning is emphasized as a key management tool for preventing or mitigating environmental problems. Performance strategies and measurements will be studied with applications in both government and business. Restricted to Graduate students.

ENS 529. Graduate Project Continuing Enrollment. 0 hours.

Refer to NOTE in course description for ENS 520. May be repeated. Restricted to Graduate students.

ENS 530. Internship. 1 TO 4 hours.

May be repeated up to 4 time(s). Restricted to Graduate students.

ENS 540. Topics in Environmental Studies. 1 TO 4 hours.

Intensive study of a current environmental issue. Description of topic for a given semester will be stated in the course schedule. May be repeated if topics vary. Restricted to Graduate students.

ENS 542. Ecosystem Management. 4 hours.

This is an integrative course that examines the application of ecology and conservation biology sciences to natural resource management and environmental issues within complex socioeconomic, institutional, and cultural contexts. One central consideration of ecosystem management approaches is that humans are integral parts of the ecosystem. As such, human dimensions of the environmental policy and management decision making will also be addressed. The course will introduce the history and conceptual toolbox of ecosystem management, provide the biological and ecological background necessary for ecosystem management, and incorporate various human dimensions to implement such knowledge for effective ecosystem management. Class sessions will combine lectures, discussions, group case study, and field trips. Prerequisite: Ecology or permission of instructor. Restricted to Graduate students.

ENS 546. Concepts Of Ecology. 4 hours.

Structure and function of ecological systems, including basic ecological principles and concepts, habitat analysis with focus on populations in terrestrial and aquatic ecosystems, and collection and analysis of biological data. Laboratory work required. Restricted to Graduate students.

ENS 547. Environmental Agriculture. 4 hours.

Examines the nature of U.S. farming and sustainable practices. Compares with current U.S. agricultural policy and potential future policies. Restricted to Graduate students.

ENS 551. Environmental Natural Sciences. 4 hours.

Scientific knowledge required to understand and to solve environmental problems. Basic concepts of geology, physics, chemistry, biology, and ecology explored to bring the biological and physical world into perspective as an integrated continuum of structures, processes, and functions. Restricted to ENS Graduate students.

ENS 552. Environmental Social Sciences and Humanities. 4 hours.

Concepts and methods of anthropology, history, economics, political science, psychology, geography, and literature explored in integrative fashion. Focus on understanding processes, patterns, and alternatives of relationships of society to the biophysical world. Restricted to ENS Graduate students.

Environmental Studies (ENS)

ENS 553. Research Methods in Environmental Studies. 4 hours.

Prepares students for independent research toward their thesis/project. Course focuses on improving the following skills: critical thinking, technical writing environmental research methodology, and data presentation, editing, and group participation. Concept paper for thesis or project developed. Permission of the instructor is required. Restricted to Graduate students.

ENS 554. Thesis/Project Proposal. 2 hours.

Assists students in developing a research proposal for their graduate theses or projects. Research designs and methodologies will be discussed. Completion of a formal draft research proposal will be required. Prerequisite: ENS 553 and an approved concept paper. Restricted to ENS Graduate students.

ENS 555. Analytical Tools for the Environmental Sciences. 4 hours.

This course will be a comprehensive treatment of sampling strategies, sampling processing, analytical protocols, data collection, processing and interpretation and instrumental methods used in environmental analyses. Restricted to Graduate students.

ENS 561. Foundations of Epidemiology. 4 hours.

Introduction to epidemiological concepts and methods. Considers the meaning and scope of epidemiology and the uses of morbidity, mortality, and other vital statistics data in the scientific appraisal of community health. Same as MPH 511. Restricted to Graduate students.

ENS 562. Analytical Epidemiology. 4 hours.

Presents the fundamental concepts, principles, and methods of observational epidemiologic research. Practical issues in the design, conduct, and analysis of epidemiologic studies, as well as theoretical issues in the analysis and interpretation of research findings will be discussed. Intended for those interested in epidemiologic research. Same as MPH 514. Prerequisite: ENS 561 or permission of instructor. Restricted to Graduate students.

ENS 563. Environmental and Occupational Health. 4 hours.

Recognition, analysis, and control of major environmental and occupational diseases and issues. Examines policy, law, economics, politics, and liability as they relate to environmental and occupational health. Same as MPH 521. Restricted to Graduate students.

ENS 571. Sustainable Development. 4 hours.

Theoretical and conceptual framework of all elements of the environment, including human and human systems for the interdisciplinary study of the technological, economic, and social development that reflects the physical and environmental, as well as political and cultural conditions in which human society operates. Restricted to Graduate students.

ENS 581. Environmental Policy and Analysis. 4 hours.

Examine environmental policy development and implementation. Processes, methods, and models of analysis are developed. Uses integrative approaches and basic public policy theory to evaluate environmental policy. Restricted to Graduate students.

ENS 583. Environmental Policies: NEPA. 4 hours.

In-depth study of the environmental impact statement (EIS) process in the National Environmental Policy Act. Case studies analyzed; EIS on new projects researched and written. Restricted to Graduate students.

ENS 587. Natural Res: Policy & Admin. 4 hours.

Review of the major natural resources such as water, energy, air, soil, forests, food, wilderness, wild plants and animals. Includes an examination of the policies governing these resources and the administrative methods used in their governance. The primary focus will be on sustainable resource use. Restricted to Graduate students.

Environmental Studies (ENS)

ENS 599. Tutorial. 1 TO 12 hours.
Restricted to Graduate students.

History (HIS)

HIS 150. ECCE: Topics in Comparative Religion. 3 hours.
Introduction to the comparative study of religion.

HIS 160. ECCE: Topics in Middle Eastern History. 3 hours.
Introduction to Middle Eastern history through a comparative perspective.

HIS 201. World History. 3 hours.

A broad survey of historical forces at work over the past 12,000 years, examining the manners in which human societies have organized themselves along categories of race, ethnicity, class, and gender to meet the challenges of the increasing human population and its demands on natural resources.

HIS 202. European History. 3 hours.

Picking up with the year 1348, this survey examines the development of modern Europe. Topics include the aftereffects of the Crusades, the rise of market capitalism, the Black Death, the division of Christianity, the formation of nation-states, industrialization, and the spread of European influence across the world.

HIS 203. U. S. History. 3 hours.

A fast-paced chronological review of U.S. history, emphasizing the peopling of America, the development of republicanism and democracy, territorial expansion, the impact of industrialization, the rise to world power, and the gradual expansion of the concept that "all men are created equal."

HIS 301. The Historians Craft. 3 hours.

An introduction to the work of historians and the basic methods of the discipline. Should be completed before student reaches senior status. Successful completion (C or higher) satisfies the program's communication skills requirement.

HIS 303. Understanding U.S. History. 3 hours.

Conceptual approach to the U.S. past, developing themes of race (ethnicity), class, and gender. Emphasizes use of primary sources. Course information:

HIS 399. Tutorial. 1 TO 8 hours.

HIS 401. Senior Seminar. 3 hours.

Capstone course for majors that focus upon refining and assessing skills in the discipline. Will examine current issues in the study of history. Students should have senior status before enrolling and must have completed HIS 301 with a grade of C or higher. Restricted to History.

HIS 427. African-American History. 4 hours.

Focuses on the history and sojourn of the African-American from the creation and demise of the last three West African empires, through the enslavement and shipment of Africans to North America and their struggle for human and civil rights in present-day America. Topics are the Middle Passage, religion of the slaves, slave resistance, Abolitionism, the Civil War, Reconstruction, the great migration, Harlem Renaissance, the civil rights movement, Black Power movement, urban unrest, affirmative action, and the new reparations movement.

HIS 431. Colonial America. 4 hours.

Survey of the establishment and development of England's North American colonies between 1585 and 1763. Emphasis primarily on land use, economic development, religions, and social history.

History (HIS)

HIS 432. Revolutionary America. 4 hours.

Examines the social trends, economic rivalries, and political disputes that together created the American Revolution. Course begins with the Stamp Act Crisis of 1765 and follows the developments and conflicts through the presidential election of 1800.

HIS 433. United States, 1790-1840. 4 hours.

Examines the first decades of the new republic, including early industrialization, settlement of the frontier, Manifest Destiny, the War of 1812, the cotton economy, and Jacksonianism.

HIS 434. United States, 1840-1890. 4 hours.

Examines antebellum U.S. plus the Civil War and Reconstruction. Also explores cultural and social history, including Victorianism and the women's movement.

HIS 435. United States, 1890-1945. 4 hours.

Examines the emergence of the U.S. as an industrial and world power, progressivism, World War I, the 1920's, the Great Depression, and World War II. Focus is on political, cultural, social, and foreign relations history.

HIS 436. United States, 1945-Present. 4 hours.

Examines domestic and foreign policy issues in the post-World War II period with an emphasis on how the Cold War shaped contemporary America. Focus is on political, cultural, social, and foreign relations history.

HIS 437. The Sixties. 4 hours.

Examines the social movements of the decade, including the Civil Rights.

HIS 438. American Environmental History. 4 hours.

Study of the American land that examines human attitudes toward both the wilderness and the quest for resources and the actual use and abuse of the natural world. Beginning with the 16th century, the course focuses on the conflicting advocacies of exploitation, preservation, and conservation. Same as ENS 418.

HIS 439. American Agricultural History. 4 hours.

Survey of the history of American agriculture from colonial times to the present. Topics include farm building and farming techniques, farm life, and the production of cash commodities. Attention to the impact of transportation, technology, education, science, and shifting population patterns on the farmer, the farm community, and American agriculture.

HIS 440. Topics In U.S. History. 4 hours.

Special topics ranging from early American history to the recent past. May be repeated if topics vary. Students may register in more than one section per term.

HIS 441. The Civil War Era. 4 hours.

A study of the origins of the American Civil War, the war itself, and post-war Reconstruction. Major topics include the Market Revolution; Slavery and Racism; and social, cultural, political, economic, and legal impacts of the conflict.

HIS 442. American Urban History. 4 hours.

Examines the development of American urban centers from 1800 to the present. Demographic, sociological, economic, and political aspects of the urbanizing process will be discussed, as well as the impact urban populations have had on American culture over time. Case studies of significant urban centers in the East, Midwest, South, and West will document the transformation of American society from small, detached communities to large metropolitan and cosmopolitan centers of culture.

History (HIS)

HIS 443. American Foreign Relations in the 20th Century. 4 hours.

Examines the emergence of the U.S. as a world power and the ways in which it used that power. Focus on the relationships between foreign policies and domestic politics. Topics include the Open Door policy, U.S./Latin American relations, the World Wars, the Cold War, the Vietnam War, and peace movements.

HIS 444. The American Presidency. 4 hours.

Examines the definition and evolution of the powers and responsibilities of the office of the president from Washington to the present. Considers constitutional and political dimensions of the expansion of the power and prestige of the presidency.

HIS 445. Women In American History. 4 hours.

Explores the history of U.S. women beginning with Native Americans. Examines themes of women in colonial society, domesticity, suffrage, reproduction, and work. Same as WMS 455.

HIS 446. History Of American Law. 4 hours.

Historical examination of the professional and constitutional development of law in the United States. Topics include the common-law legacy, substantive and procedural aspects of legal history, jurisprudence, the American lawyer, and the interaction of law with American society, thought, and politics. Same as LES 452.

HIS 448. Economic History of the United States. 4 hours.

History of the evolution of the economic development of the United States from colonial beginnings to the present. Emphasizes industrial capitalism since the Civil War and the major sources and factors which have contributed to building the economy of one of the world's largest and most prosperous nations, along with the problems of trade deficits, internal consumerism, and unequal distribution of income. The Depression and the New Deal, the world wars, inflation and unemployment, and problems of global changes are featured subjects. Same as ECO 418.

HIS 449. American Westward Expansion. 4 hours.

Examines the peopling of America over four centuries of expansion. Considers patterns of frontier settlement, development, and community building on a moving frontier. Special topics include study of the Turner Thesis, role of ethnicity and social mobility in migration and regional development. The impact of expansion on indigenous peoples will be evaluated to the near present.

HIS 450. Major Figures In History. 4 hours.

Focuses on important individuals from the past. May be repeated if topics vary. Students may register in more than one section per term.

HIS 451. American Labor History. 4 hours.

History of work, workers, and organization of workers from the colonial period to the present, with an emphasis on the effects of industrial capitalism and a global economy. Emphasizes the period from the post-Civil War to the present, the development of labor unions and government, labor, and business in an evolving political economy based on capitalism. Same as LAR 427.

HIS 452. American Revivalism and Christian Religion. 4 hours.

The development of American revivalism from colonial times to the near present, and the part American Christian denominations, sects, and communitarian religious organizations played in the shaping of revivalism, evangelicalism, and religious reform movements.

HIS 453. Minority Women: Issues and Perspectives. 4 hours.

The experience of American women of color is at the center of this course. Interdisciplinary consideration of the intersection of race, class, and gender in the lives of women past and present. Same as AAS 403, SWK 462, and WMS 403.

History (HIS)

HIS 454. The History Of The Family. 4 hours.

The modern family in comparative and historical perspective. Selected themes -- changing patterns of household, intimacy, gender -- explored historically to understand their present importance. Same as SWK 454, and WMS 454.

HIS 458. Women, Health, And Healing. 4 hours.

Traces women's past as healers and medical practitioners, as well as issues of women's health and medicine. Includes a multicultural emphasis and focuses primarily on the United States. Same as WMS 458.

HIS 459. World Environmental Thought. 4 hours.

Examines human reactions to natural surroundings in a variety of cultural contexts, including ancient Chinese, Hindu, African, American Indian, and Judeo-Christian. Compares and contrasts attitudes concerning the value of wilderness and the exploitation of natural resources. Considers the problem of understanding nature and the relationship with nature as human beings. Same as ENS 412.

HIS 460. Studies in Latin American History. 4 hours.

Studies include roots of Latin American history, Latin American history since independence, revolution in modern Latin America, and the history of Brazil. May be repeated up to 2 time(s) if topics vary.

HIS 461. Europe in the 18th Century: The Enlightenment. 4 hours.

Cultural and intellectual history of the Enlightenment focusing on formative ideas of modernism (freedom, reason, equality) and movements in literature and the arts. Consideration of works by representative figures such as Voltaire, Rousseau, Hume, and Kant. Same as PHI 459.

HIS 462. Europe in the 19th Century: Romanticism to Modernism. 4 hours.

Cultural and intellectual history of Europe from 1815-1900, focusing on the impact of social change on families and individuals and on the arts and literature. Combines political, economic, and social readings with selected novels, such as Stendahl's *The Red and the Black*, Fontane's *Effie Briest*, and Turgenev's *Fathers and Sons*.

HIS 463. Europe In The 20th Century. 4 hours.

Study of the political, socioeconomic, cultural, and colonial history of Europe from the turn of the century to the present. Special emphasis on the importance of ideology in shaping society, the transforming effects of war and depression, and Europe's changing role in the international order.

HIS 464. Fedor Dostoevsky & the Church. 4 hours.

This course involves in-depth study of Fedor Dostoevsky's major fiction from historical and literary perspectives, with emphasis on his attitude towards Christianity in its Orthodox, Catholic, and Protestant variants. Same as ENG 452.

HIS 465. French Revolution and Napoleon. 4 hours.

The social, political, and cultural history of the French Revolution from the ancient regime through the rise and fall of Napoleon.

HIS 467. Renaissance and Reformation Europe. 4 hours.

Intellectual and cultural history of the European Renaissance and Christian Reformation, 1350-1700. Themes include Italian city-states, Humanism, the relationship between the Renaissance and Christian Reformation, and the cultural, socio-political, and international impact of the Protestant, Catholic and English Reformations.

History (HIS)

HIS 468. History Of Spain. 4 hours.

A general survey of the history of Spain from the times of the Iberians and Romans to the present, focusing on the rise and fall of the Spanish empire and monarchy and the emergence of a new democratic nation.

HIS 469. Shakespeare's England. 4 hours.

A survey of English history from the later Middle Ages through the early Stuarts, concentrating on the materials pertinent to an understanding of William Shakespeare's history plays. Combines historical research and discussion with close readings of five plays. Same as ENG 469.

HIS 470. Topics in 20th Century World History. 4 hours.

Topics such as imperialism, holocaust and genocide, war and revolution, environmental history, gender history, biography, intellectual history. Students may take additional sections for credit, but must study different topics each time. May be repeated if topics vary. Students may register in more than one section per term.

HIS 472. Imperial Russia. 4 hours.

Examines significant aspects of Russian political, cultural, and intellectual life from 1689 to the revolutions of 1917 in the broader European context. Topics will include: the expansion and dissolution of the empire from Tsar Peter I to World War I; Russian Orthodoxy and society; the emergence of the intelligentsia and the revolutionary tradition; and major intellectual/cultural movements from the Enlightenment to the Silver Age. Course readings will consist of selections from primary and secondary sources, including literary works from the period.

HIS 473. History of the Soviet Union. 4 hours.

Examines the culture, society, economy, and diplomacy of the U.S.S.R. from 1917 to 1991. Themes include the Bolshevik revolution, civil war, Leninism and Stalinism, World War II and the Cold War, and the collapse of the Soviet System.

HIS 474. Vietnamese History. 4 hours.

Focuses on the internal dynamics of Vietnamese society and politics from 1800 to the present with attention to colonial, economic, gender, and international issues.

HIS 476. Modern China. 4 hours.

Examination of the main trends, events, and problems in 19th and 20th century China. Topics of study include the intrusion of the West, rebellions and revolutions, gender issues, popular culture, and environmental problems.

HIS 477. Premodern Japan. 4 hours.

Examination of the social, cultural, and political developments of premodern Japan. Topics of study include literature and the arts in the Nara and Heian periods; the age of the Samurai; religions, including Shinto and Zen Buddhism; and popular culture.

HIS 478. Modern Japan. 4 hours.

Examination of the main events, trends, and problems in 19th and 20th century Japan. Topics of study include the "opening" to the West, the social costs of modernization, the Pacific war, post-war economic recovery and social change, and Japan's current international status.

HIS 480. Topics in Pre-Modern World History. 4 hours.

Special topics covering diverse geographic areas in the Pre-modern period (ca. 3300 BCE - 1500 CE). May be repeated if topics vary. Students may register in more than one section per term.

HIS 481. Women in Chinese and Japanese History. 4 hours.

Exploration of the histories of women in China and Japan over the last several centuries, with special attention to their changing roles and status in the 20th century. Same as WMS 481.

History (HIS)

HIS 486. Childhood's Past. 4 hours.

Examines the history of childhood through fiction. Emphasis will be primarily on U.S. history. In addition to reading history and literature, students will engage in self-reflexive consideration of childhood with oral histories and personal memories. Same as ENG 486, and WMS 486.

HIS 499. Independent Study: Special Topics in History. 1 TO 8 hours.

Independent and directed readings on an individual topic for students in history. Students should make arrangements with an appropriate faculty member. May be repeated to a maximum of 8 hours.

HIS 501. Graduate History Colloquium. 4 hours.

Introduction to the graduate program that assists students in diagnosing skills, designing the education plan, learning research methods, using various bibliographical resources, and examining professional conflicts among historians. Research project. Successful completion satisfies communication skills requirements. Restricted to Graduate students.

HIS 502. Public History Colloquium. 4 hours.

Concepts of public history, including subject areas, techniques, and ethical issues. The application of historical knowledge and methods to the administration, preservation, and interpretation of historical resources as well as historical analysis of public policy issues. Restricted to Graduate students.

HIS 503. Researching and Writing History. 4 hours.

Seminar emphasizing research in primary sources. Includes critical examination of historical writing, exploration of research and writing techniques, and completion of an advanced research paper. Restricted to Graduate students.

HIS 504. American Material Life. 4 hours.

Examines interdisciplinary theories, methodological approaches, and applications of material culture studies to new world societies. Focuses on the study of artifacts and the way historians and museums use them to research, document, and interpret past and present. Restricted to Graduate students.

HIS 505. Historic Environmental Preservation. 4 hours.

Preservation policies and their applications in planning are considered. History of preservation movements and of American architecture and landscapes are examined, as well as current preservation technologies. Case studies of the politics and economics of preservation. Field work required. Same as ENS 505. Restricted to Graduate students.

HIS 506. American Architectural History. 4 hours.

Examines the distinct movements in American architectural styles, building techniques, and landscape design, and in trend-setting architecture from America's past. Pays special attention to the designs of residential, commercial, and public buildings. Restricted to Graduate students.

HIS 507. Museum and Society. 4 hours.

Explores the ways museums have been used since the 1800's and the functions they serve today. Indoor and outdoor history, art, folk life, and science museums are considered. Focus is on museums as learning resources and analysis of problems in communicating realities. Restricted to Graduate students.

HIS 508. Archival Management. 4 hours.

Examines concepts and methods of archival management and considers issues in acquiring, preserving, evaluating, and making archival resources accessible. Focus is on creative research and developing means to reach broad publics. Restricted to Graduate students.

History (HIS)

HIS 510. Graduate Readings Seminar. 4 hours.

Intensive readings in a defined topic area. Seminar format emphasizes group discussion of historical methods and ideas. Offered each semester. May be repeated up to 2 time(s) if topics vary. Restricted to Graduate students.

HIS 511. Museum/Historic Sites Methods. 4 hours.

Examines collection management and conservation, research, interpretation, educational programming, exhibit preparation, and administration. Explores collection development in the past and current concepts of collecting "today for tomorrow." Uses indoor and outdoor museums. Restricted to Graduate students.

HIS 520. Oral History Methods. 4 hours.

Mastery of oral history technique, including interviewing, transcription, and editing. Includes technical and conceptual literature, collateral fields, and professional concerns. Student work added to UIS oral history collection. Restricted to Graduate students.

HIS 525. Policy History. 4 hours.

Focuses on the application of historical methods and historical logic to the formulation of public policy and the analysis of policy issues. Includes careful historical examination of selected public policies. Readings and case studies drawn principally from modern U.S. history. Restricted to Graduate students.

HIS 570. Public History Internship and Project. 1 TO 8 hours.

Supervised applied study in public history used to develop a project to meet history M.A. requirements. Maximum of eight hours of history credit. NOTE: If the project is not completed by the time eight hours are accrued in continuing enrollment, students must register for HIS 571 for zero credit hours (one billable hour) in all subsequent semesters until the project is completed. May be repeated to a maximum of 8 hours. Prerequisite: Successful completion of at least three of the core requirements (HIS 501, HIS 502, HIS 503 or HIS 510). Restricted to Graduate students.

HIS 571. Public History Internship and Project Continuing Enrollment. 0 hours.

Refer to NOTE in course description for HIS 570. May be repeated. Restricted to Graduate students.

HIS 580. Thesis. 1 TO 8 hours.

Historical research for the required master's research essay. NOTE: If the thesis is not completed by the time eight hours are accrued in continuing enrollment, students must register for HIS 581 for zero credit hours (one billable hour) in all subsequent semesters until the thesis is completed. May be repeated to a maximum of 8 hours. Prerequisite: Successful completion of at least three of the core requirements (HIS 501, HIS 502, HIS 503 or HIS 510). Restricted to Graduate students.

HIS 581. Thesis Continuing Enrollment. 0 hours.

Refer to NOTE in course description for HIS 580. May be repeated. Restricted to Graduate students.

HIS 599. Independent Study: Special Topics in History. 1 TO 8 hours.

Independent and directed readings on an individual topic for graduate students in history. Students should make arrangements with an appropriate faculty member. May be repeated to a maximum of 8 hours. Restricted to Graduate students.

Human Development Counseling (HDC)

HDC 446. Family Law. 4 hours.

Law that affects the family. Topics include divorce, domestic violence, illegitimacy, adoption, child support and custody, parental control, abuse and neglect laws, issues affecting the elderly, domestic law reform, and the impact of the women's rights movement. Course available online; may also be available on campus. Refer to the current course schedule for further information. Same as LES 446, SOA 454, SWK 446, and WMS 446. Not intended for students with Freshman or Sophomore standing.

HDC 449. Preventing and Coping with Burnout. 4 hours.

Burnout (definition, causes, research), along with strategies for prevention and coping (individual, interpersonal, and organizational).

HDC 462. Using Labor Market and Career Information. 2 hours.

Explanation of quantitative aspects of LMI and exploration of career information from newspapers, magazines, television, radio, movies, and direct observation. The Internet provides instant access to government documents plus millions of career-related websites. Students will be able to use career and labor market information to help the people they counsel make more informed choices. Students will also learn about career development theory, demographic changes, and techniques for working with various populations.

HDC 463. Occupational Test Application, Interpretation, and Analysis. 4 hours.

Broad theoretical concepts of career development as well as the theoretical concepts associated with occupational measurement that are required to understand, analyze, and interpret various assessment instruments. Assessments representing exploration of abilities, aptitudes, interests, and values will be reviewed, along with the use and interpretation of assessment results in assisting individuals to identify realistic training/career/employment goals.

HDC 501. Fundamental Issues and Ethics in Counseling. 3 hours.

Examination of personal and professional values, goals, objectives, and professional roles and functions of the counseling profession. Required as first core course. Restricted to Graduate students.

HDC 511. Theories of Counseling. 3 hours.

A study of major theories in existential, humanist, psychodynamic, cognitive, behavioral, systemic, and other related approaches to counseling. Prerequisite: HDC 501 or concurrent enrollment. Restricted to Graduate students.

HDC 512. Prepracticum. 3 hours.

Focuses on intensive laboratory practice of a basic sequence of listening and other skills with attention to advanced relationship skills, case interpretation, and evaluation skills. Prerequisite: HDC 501 or concurrent enrollment; and HDC 511 or concurrent enrollment. Restricted to Graduate students.

HDC 513. Techniques of Group Counseling and Psychotherapy. 3 hours.

Examination of group development, dynamics, counseling theories, group approaches, leadership styles, and group counseling methods. Laboratory experience included. Prerequisites: HDC 501, HDC 511, HDC 512. Restricted to Graduate students.

HDC 515. Multicultural Counseling. 3 hours.

Literature and research on counseling services for persons of culturally diverse backgrounds, focusing on treatments that are indigenous to minority clients; cross-cultural dimensions of the counseling relationship; approaches, techniques, and interventions applicable to the mental health needs of minority clients. Prerequisite: HDC 501. Restricted to Graduate students.

Human Development Counseling (HDC)

HDC 521. Developmental Counseling. 3 hours.

Studies the implications of client development for counselor behavior in the helping relationship. Delineates counseling knowledge and skill appropriate to the needs and wants or goals of clients at various levels of affective, behavioral, cognitive, and interpersonal development. Prerequisites: A course in life-span development or passing score on knowledge competency test. Restricted to Graduate students.

HDC 524. Career/Lifestyle Counseling. 3 hours.

Relates data from personality-based and developmental models of career choice to achieving a satisfying career/lifestyle. Includes information about occupational, technological, and educational resources, needs of special populations, goals of guidance and counseling, and techniques of career/lifestyle decision making. Prerequisite: HDC 501. Restricted to Graduate students.

HDC 525. Alcoholism & Substance Abuse. 3 hours.

In-depth overview of the field of alcoholism and substance abuse. Topics include the physiological/biological effects of drugs, the psychological correlates of drug use, societal issues and concerns, theories of addiction, treatment and relapse issues, regulation and legislation, ethical issues, and accreditation/certification standards. Same as HMS 525.

HDC 530. Community Counseling. 3 hours.

An orientation to community counseling, including the roles of community counselors; organizational, fiscal and legal dimensions of practice settings; and theories, techniques, principles and practices, of community intervention, consultation, education and outreach. Required for students enrolled in the community counseling area of study. Prerequisite: HDC 501. Restricted to Graduate students.

HDC 531. Developmental School Counseling. 3 hours.

Examines the school setting and developmental approach to service delivery. Emphasizes the role and functions of the developmental school counselor-consultant. Explores major problems faced by children and adolescents. Required for school counselor certification. Prerequisite: HDC 501. Restricted to Graduate students.

HDC 534. Introduction To Family Therapy. 3 hours.

Major techniques of family therapy with emphasis on integration of theoretical constructs and therapeutic skills. Lecture, demonstration, and laboratory learning approaches used. Students analyze a family system and present projects demonstrating comprehension. Required for students emphasizing marriage and family therapy. Same as HMS 534. Restricted to Graduate students.

HDC 535. Child Therapy. 3 hours.

Designed to teach counseling students about theories of child therapy as well as appropriate therapeutic interventions for children. Focuses on age/developmentally-appropriate interventions such as play therapy and on common childhood disorders in an effort to help counseling students differentiate between normal and abnormal childhood behaviors. The course presumes a systemic context where child therapy is a component of family therapy. Prerequisites: HDC 501 and HDC 534. Restricted to Graduate students.

HDC 536. Divorce Counseling. 3 hours.

For advanced students specializing in family counseling. Students develop and implement treatment plans to ameliorate problems of persons separated from spouses. Restricted to Graduate students.

HDC 537. Couple Counseling. 3 hours.

For advanced students specializing in family counseling. Students develop treatment plans for dysfunctions occurring in marital relations. Restricted to Graduate students.

Human Development Counseling (HDC)

HDC 538. Adoptive/Foster Family Systems. 3 hours.

Examination of issues unique to adoptive and foster families, including perspectives, dynamics, development, and roles of adoptive parents, adoptee, birth parents, extended kin, foster children, foster parents, birth families, caseworkers, and therapists. Restricted to Graduate students.

HDC 545. Sexual Dysfunction, Substance Abuse and Family Violence. 3 hours.

Training in family counseling methods relating to sexual dysfunction, substance abuse, and family violence. The course is designed to assist therapists in developing skills in the professional treatment of these issues from a systems perspective. Prerequisites: HDC 501 and HDC 534. Restricted to Graduate students.

HDC 546. Psychopathology and the DSM-IV-TR. 3 hours.

An introduction to the process of conducting a mental health assessment culminating in the formulation of a DSM-IV diagnosis. Crucial components will be considered, including physiological disorders contributing to psychological symptomology, dual diagnosis complications, family relationship issues, social stressors, psychopathology, and cultural issues. Emphasis will be placed on intervention strategies and development of critical thinking and case conceptualization skills. Restricted to Graduate students.

HDC 558. Theories Of Family Therapy. 3 hours.

Theories and models of family therapy, emphasizing integration of issues relating to family treatment with systems theory. Family therapy issues will be compared across treatment models. Includes extensive readings in one or more approaches and class presentations. Same as HMS 558. Restricted to Graduate students.

HDC 559. Advanced Family Therapy. 3 hours.

For advanced students interested in specializing in family counseling techniques. Students develop and implement family treatment plans in actual and/or simulated family systems and must be able to articulate at least two major family counseling approaches. Prerequisites: HDC 534 or HMS 534, and HDC 558 or HMS 558. Restricted to Graduate students.

HDC 564. Interpersonal Communication Skills. 2 hours.

Includes learning and practicing specific communication techniques in areas such as nonverbal communication, persuasion, interviewing, written communication, and conflict management, as well as addressing the communication skills necessary to work with special needs populations. Designed to help students understand the impact of the Internet as a communication tool. Restricted to Graduate students.

HDC 565. Career Case Management. 4 hours.

Designed for individuals who will facilitate career development across the lifespan among persons from all walks of life. Theory and practice of counseling and case management as it applies to working with clients who need assistance entering the workforce. Major emphasis placed on assisting those clients moving from school or non-employment or who are at a transition point in their work careers. Restricted to Graduate students.

HDC 567. Models and Methods in Marriage and Family Treatment. 3 hours.

A comprehensive study of the dynamics of marriage and family life. The course teaches practitioners cultural sensitivity and variety in treatment methods. A study of models used in marriage, family, and divorce intervention is explored. Same as HMS 567. Restricted to Graduate students.

Human Development Counseling (HDC)

HDC 575. Appraisal Techniques in Counseling. 3 hours.

Basic theories and approaches to the psychological/educational appraisal of individuals and groups, including validity, reliability, and psychometric statistics. Includes contemporary issues, ethics, representative methods and tests, and use and interpretation of results in the helping process. Restricted to Graduate students.

HDC 577. Research Methods. 3 hours.

Review of research theories, designs, and statistics; implementation of research proposal and report; principles of program evaluation and needs assessment; computer applications; and ethical and legal considerations. This course begins the closure requirement. Restricted to Human Development Counseling. Restricted to Graduate students.

HDC 580. Comprehensive Examination Preparation. 2 hours.

Preparation for the comprehensive exam, which is taken in the semester following successful completion of this course. Preparation is conducted through individual consultation with student's advisor. Course and exam content are designed to reinforce the skills and knowledge addressed in program courses as well as the LCPC or LMFT licensure exams. May be repeated if a student fails the course or any portion of the comprehensive exam, but a passing grade must be recorded before the student will be allowed to take the comprehensive exam. NOTE: Once students successfully complete HDC 580, they must register for HDC 581 for zero credit hours (one billable hour) each subsequent fall and spring semester until they receive a passing grade on the comprehensive examination. Credit/No Credit grading only. Prerequisite: Advising session with adviser and his or her signature on the closure option form. Restricted to Human Development Counseling. Restricted to Graduate students.

HDC 581. Comprehensive Examination Registration. 0 hours.

Zero credit hour of continuing enrollment, which is taken during the semester in which the comprehensive exam is administered. Students must pass both the multiple-choice and essay portions of the comprehensive exam for completion of this course and the program's comprehensive exam closure requirement. Refer to NOTE in course description for HDC 580. May be repeated. Prerequisite: HDC 580, and completion of all required HDC courses except internship, and permission of instructor. Restricted to Human Development Counseling. Restricted to Graduate students.

HDC 582. Research Colloquium: Master's Project. 2 hours.

Completion of intensive project as culmination of student's progress in the program. Project may be experimental or applied. Course is required for students selecting the master's project option. NOTE: If the project is not completed during the initial two-hour enrollment, students must either re-register for HDC 582 (for two hours' credit) or register for HDC 583 for zero credit hours (one billable hour) each subsequent fall and spring semester until the project is completed. Prerequisite: HDC 577. Restricted to Human Development Counseling. Restricted to Graduate students.

HDC 583. Master's Project Continuing Enrollment. 0 hours.

Refer to NOTE in course description for HDC 582. Students must register with their project supervisor. May be repeated. Prerequisite: HDC 582. Restricted to Human Development Counseling. Restricted to Graduate students.

HDC 587. Professional Experience: Practicum. 3 hours.

Professional experience in helping relationships within institutions/agencies that promote human welfare. Requires 100 clock hours on site. Admission by application to HDC professional experience coordinator, who coordinates placement in an appropriate setting. Requires demonstration of competence in process, relationship, attending, and influencing skills, as well as knowledge of major theoretical approaches to counseling. Registration limited and waiting list maintained. Required core course. Credit/No Credit grading only. Prerequisites: HDC 501, HDC

Human Development Counseling (HDC)

511, HDC 512, and HDC 513 Restricted to Human Development Counseling. Restricted to Graduate students.

HDC 588. Professional Experience: Practicum in Family Therapy. 3 hours.
Focuses on the use of therapeutic knowledge and skills with families. Successful completion of the course requires demonstration of competencies considered essential for the professional building a career in the field of family therapy. May substitute for HDC 587 as a required core course. Applications should be submitted to the HDC professional experience coordinator before the deadline published each semester. Applicants should be familiar with the program policy on professional experience and accreditation and should consult with their advisers before selecting this course. Registration is limited and a waiting list is maintained. This course may be counted towards subsequent certification in AAMFT. Credit/No Credit grading only. Prerequisites: HDC 558 and HDC 559. HDC majors must also have completed the following counseling courses before enrolling in this course: HDC 501, HDC 511, HDC 512, and HDC 513. Restricted to Human Development Counseling. Restricted to Graduate students.

HDC 590. Professional Experience: Internship. 2 TO 6 hours.
Requires 600 clock hours in an appropriate work setting implementing a variety of professional counseling services, including individual, group, and consultation. On-campus and off-campus supervision required. Each 150 clock hours on site earns two credit hours. Students are required to complete all 600 hours within one calendar year. Credit/No Credit grading only. May be repeated to a maximum of 8 hours. Prerequisites: HDC 501, 511, 512, 513, 515, 521, 524, 575, and HDC 587 or HDC 588. Restricted to Human Development Counseling. Restricted to Graduate students.

HDC 599. Tutorial. 1 TO 12 hours.
Restricted to Graduate students.

Human Services (HMS)

HMS 499. Tutorial. 1 TO 12 hours.

HMS 501. Critical Perspectives in Human Services. 4 hours.

Introductory course that should be taken during the student's first semester. Examination of the conflicting roles and functions of human services in an advanced, increasingly technological society. Special attention is given to the issues of poverty, health care and ageism, child welfare, family problems, substance abuse, and the privatization of human services. Restricted to Graduate students.

HMS 502. Interviewing and Assessment Skills in Human Services. 4 hours.

Graduate-level communication and assessment skills needed to develop, sustain, and manage a helping relationship with clients. Instruction in recognizing and using both formal and informal methods of assessment including a variety of tools used in human services. Restricted to Graduate students.

HMS 504. Biology Of Aging. 4 hours.

Aging as a universal biological process; theories of aging; genetic and environmental factors in longevity and aging; age-related changes in human organ systems (e.g., cardiovascular, nervous, respiratory); and pathobiology of aging. Restricted to Graduate students.

HMS 508. Psychology Of Aging. 4 hours.

This course serves as a foundation to the psychology of aging with emphasis on theories, methodologies, and research findings. Topics include the following: memory, cognition, dementia, gender issues, personality / intellectual development, psychopathology, and geriatric assessment and spousal bereavement. Learn about the experience of aging from older adults own perspective i.e. an older woman journaling about her life experiences and interviews with individuals who have been diagnosed with Alzheimer's disease. Restricted to Graduate students.

HMS 511. Social Policy and Human Services. 4 hours.

An in-depth understanding of human services systems, including the historical and current view of systems, concepts of human causes and needs, idealized components of delivery systems, roles and conflicts of the human services professional, and overview of required practice skills. Restricted to Graduate students.

HMS 514. Staff Development and Supervision. 4 hours.

Background in personnel issues, staff development models, and principles of direct supervision. Restricted to Graduate students.

HMS 516. Ethics and Professional Development. 4 hours.

Graduate-level comprehensive ethics course covering ethical issues in areas such as counseling and therapy, business management, and child welfare. Fulfills LCPC (Licensed Clinical Professional Counselor), IAODAPCA (Illinois Alcohol and Other Drug Abuse Professional Counseling Association), and AAMFT (American Association of Marriage and Family Therapists) requirements. Restricted to Graduate students.

HMS 521. Advanced Interviewing and Intervention. 4 hours.

Instruction in developing, maintaining, and terminating the therapeutic relationship designed to heal emotional pain. Emphasis on skill development and interpretation. Recommended for students in human services who use therapeutic interviewing. Videotaping used. Prerequisite: HMS 502, or equivalent experience. Restricted to Graduate students.

Human Services (HMS)

HMS 525. Alcoholism And Substance Abuse. 3 hours.

In-depth overview of the field of alcoholism and substance abuse. Topics include the physiological/biological effects of drugs, the psychological correlates of drug use, societal issues and concerns, theories of addiction, treatment and relapse issues, regulation and legislation, ethical issues, and accreditation/certification standards. Same as HDC 525. Restricted to Graduate students.

HMS 526. Lab for HMS 525. 1 hour.

This 1 hour lab will accompany HMS 525 only for those students in the Human Services Program. The lab portion of the Alcohol and Substance course will be an extended discussion of the material as it relates specifically to the mission of the Human Services Program.

HMS 527. Assessment and Treatment of Substance Abuse. 4 hours.

Evaluation of substance abuse patterns and assessment of various treatment alternatives. Process of intervention and various approaches to treatment. Prerequisite: HMS 525, or equivalent. Restricted to Graduate students.

HMS 528. Dual Diagnosis and Relapse Prevention. 4 hours.

Recognition and treatment of clients who present with an initial diagnosis such as alcoholism and substance abuse but may also have a mental illness which, when left untreated, may cause relapse. Explores barriers to recovery, high risk factors to relapse, and the developmental process in recovery. Prerequisite: HMS 525. Restricted to Graduate students.

HMS 529. Perspectives on Aging. 4 hours.

Theory and competencies related to the changing landscape of the increasing elderly population in America. In this overview of gerontology, students acquire a knowledge base for management skills and service provisions that include the biological, psychological, sociological, and economics processes of aging. Restricted to Graduate students.

HMS 531. Drug Abuse in America: A Critical Perspective. 4 hours.

Examines the phenomena of drug abuse from a sociological perspective. Explores the cultural, political, and economic dynamics intertwined with drug abuse including the massive war on drugs and its consequences. Same as CRJ 531. Restricted to Graduate students.

HMS 533. Child Abuse And Neglect. 4 hours.

Deals with issues of child abuse and neglect including problems of reporting, missions and child protection agencies, interdisciplinary and community resources, and methods of improving the general well-being of families who show indications of high risk. Restricted to Graduate students.

HMS 534. Introduction To Family Therapy. 4 hours.

Major techniques of family therapy with emphasis on integration of theoretical constructs and therapeutic skills. Lecture, demonstration, and laboratory learning approaches used. Students analyze a family system and present projects demonstrating comprehension. Required for students emphasizing marriage and family therapy. Same as HDC 534. Restricted to Graduate students.

HMS 537. Treating Children from Diverse Populations. 4 hours.

Exploration of ethnicity issues that confront parents of children from diverse populations. Focus is on health and mental health agencies, education and training facilities. Economic, law enforcement, and religious institutions are also considered. Problems of abuse and neglect, delinquency, and abandonment are also studied, focusing on typical solutions to these problems for these children. Therapeutic techniques are explored. Same as AAS 537. Restricted to Graduate students.

Human Services (HMS)

HMS 538. Social Services Administration. 4 hours.

Comprehensive introductory course surveying principles, methods, and problems encountered by social and human services administrators. Suitable for graduate students and undergraduate seniors majoring in a human service program. Topics include social service formation and law, policy and boards, system components, administrator tasks, and typical problems. Restricted to Graduate students.

HMS 550. Internship. 4 hours.

Intensive direct service experience in a social service agency. Regular supervision is required. Placement is developed with adviser; 100 hours of service earns one credit hour. Service time may be concurrent with classes or may be full time. Credit/No Credit grading only. Restricted to Human Services. Restricted to Graduate students.

HMS 558. Theories of Family Therapy. 3 hours.

Theories and models of family therapy, emphasizing integration of issues relating to family treatment with systems theory. Family therapy issues will be compared across treatment models. Includes extensive reading in one or more approaches and class presentations. Same as HDC 558. Restricted to Graduate students.

HMS 563. Sociology of Death, Dying, and Bereavement. 4 hours.

This course will explore the social, psychological, cultural, and personal experiences of death, grief and loss. Examples of topics covered will include: cultural attitudes towards death, caregiver-patient relationships, hospice and palliative care, coping with life threatening illness, active and passive euthanasia, and bereavement, grief and mourning. This class is not meant to serve as a grief recovery support group; however, the content does prompt personal reflections as we all continue to process the losses experienced in our lives. Same as SOA 563. Restricted to Graduate students.

HMS 567. Models and Methods in Marriage and Family Treatment. 3 hours.

Comprehensive study of the dynamics of marriage and family life. The course teaches practitioners cultural sensitivity and variety in treatment methods. A study of models used in marriage, family, and divorce intervention is explored. Same as HDC 567. Restricted to Graduate students.

HMS 579. Advanced Research: Master's Project/Thesis Proposal. 4 hours.

Development of a research or practice project or thesis under faculty supervision that demonstrates skill at conceptualizing social phenomena, formulating a problem, and designing a problem/solving process. The research design and project/thesis proposal are completed in this course. NOTE: If the project/thesis is not completed by the time four hours are accrued in continuing enrollment, students must register for HMS 580 for zero credit hours (one billable hour) in all subsequent semesters until the project/thesis is completed. May be repeated up to 1 time(s). Restricted to Human Services. Restricted to Graduate students.

HMS 580. Master's Project/Thesis Continuing Enrollment. 0 hours.

Refer to NOTE in course description for HMS 579. May be repeated. Restricted to Human Services. Restricted to Graduate students.

HMS 582. Aging And The Human Services. 4 hours.

The purpose of this course is three fold: (1) to develop a working knowledge of current programs that provide services to older adults, (2) to be able to critically analyze the policies and programs that are in existence, (3) to observe/evaluate the direct utilization /operation of existing programs. Guest speakers from public and private sectors that provide service to elderly are an integral component of this class. Restricted to Graduate students.

Human Services (HMS)

HMS 584. Introduction to Nonprofit Management. 4 hours.

Introduction to managing nonprofit organizations, including the history of nonprofit organizations, their role in society, and the role of volunteers and philanthropy. Restricted to Graduate students.

HMS 588. Grant Writing in Human Services. 4 hours.

Development of grant writing skills and application of these skills to human services settings. Covers research design, evaluation, and basic statistics needed for gathering financial resources in human services agencies. Restricted to Graduate students.

HMS 599. Tutorial. 1 TO 12 hours.

Restricted to Graduate students.

Individual Option (INO)

INO 501. Graduate Colloquium. 4 hours.

To be taken as the first course after acceptance as a conditional INO student. Serves as an introduction to the individual option program and focuses on the skills, knowledge, and attitudes necessary to become a self-directed, autonomous learner. Students design effective learning experiences, organize learning resources, and design a graduate curriculum. Credit/No Credit grading only. Restricted to Individual Option. Restricted to Graduate students.

INO 521. Liberal and Integrative Studies. 2 hours.

To be taken as the final course prior to closure project. Application of the principles of integration. Students prepare a paper relating learning experiences to common themes or issues and design a master's project or thesis. Credit/No Credit grading only. Prerequisite: INO 501. Restricted to Individual Option. Restricted to Graduate students.

INO 550. Master's Project. 1 TO 8 hours.

A closure project or thesis (see INO 560) required of all M.A. candidates to demonstrate accomplishment and mastery of a chosen area of study. The project is an application of theories and concepts and often involves an off-campus activity. The purpose of the project may be to create a useful and/or aesthetic product that can meet a need for a particular audience outside the university. Project must include a supplemental academic essay. NOTE: If the project is not completed by the time eight hours are accrued in continuing enrollment, students must register for INO 551 for zero credit hours (one billable hour) in all subsequent semesters until the project is completed. May be repeated to a maximum of 8 hours. Prerequisite: INO 521. Restricted to Individual Option. Restricted to Graduate students.

INO 551. Master's Project Continuing Enrollment. 0 hours.

Refer to NOTE in course description for HIS 550. May be repeated. Restricted to Graduate students.

INO 560. Thesis. 1 TO 8 hours.

Closure project (see INO 550) or thesis required of all M.A. candidates to demonstrate accomplishment and mastery of a chosen area of study. The thesis is a major quantitative or qualitative research and writing project based in one of the academic disciplines in the student's course of study. NOTE: If the thesis is not completed by the time eight hours are accrued in continuing enrollment, students must register for INO 561 for zero credit hours (one billable hour) in all subsequent semesters until the project is completed. May be repeated to a maximum of 8 hours. Prerequisite: INO 521. Restricted to Individual Option. Restricted to Graduate students.

INO 561. Thesis Continuing Enrollment. 0 hours.

Refer to NOTE in course description for HIS 560. May be repeated. Restricted to Graduate students.

INO 580. Individual Field Project. 2 TO 12 hours.

To be taken as described in individual degree proposals. Experiential learning project must be directly applicable to the student's degree proposal. Field experience journal and formal presentation of project results may be required. Requires an independent study contract with a faculty adviser. Credit/No Credit grading only. May be repeated to a maximum of 12 hours. Prerequisite: INO 501 and committee approval of degree proposal. Restricted to Individual Option. Restricted to Graduate students.

Individual Option (INO)

INO 599. Independent Study: Tutorial. 2 TO 12 hours.

To be taken as described in individual degree proposals. Readings or research on trends and current issues in the student's area of study. In consultation with faculty, students define topics integral to satisfying their self-assessed learning needs. Requires an independent study contract with a faculty adviser. Credit/No Credit grading only. May be repeated to a maximum of 12 hours. Prerequisite: INO 501 and committee approval of degree proposal. Restricted to Individual Option. Restricted to Graduate students.

Labor Relations (LAR)

LAR 423. Labor Management Relations. 4 hours.

Behavioral, economic, social, political, and institutional forces affecting character and quality of employer-union-management relationships and objectives in both public and private employment. Same as MGT 423.

LAR 425. Labor Economics. 4 hours.

Application of economic principles to problems in American labor, including employment, unemployment, and manpower policies; wage determination and wage policy; development and organization of trade unions in private and public sectors; social sectors; social legislation; and policy for the labor market as these relate to contemporary social and economic problems. Same as ECO 425. Prerequisite: ECO 315, or equivalent.

LAR 426. Political Economy. 4 hours.

Analysis of competing theories and models of explanation in political science and economics as they comprise the basis for contemporary policy disputes and alternatives. Emphasis on the crisis tendencies/contradictions of the political economy of the United States and its impact on the rest of the international economic order. Same as ECO 426, and POS 426.

LAR 427. American Labor History. 4 hours.

History of work, workers, and organization of workers from the colonial period to the present, with an emphasis on the effects of industrial capitalism and a global economy. Emphasizes the period from the post-Civil War to the present and the development of labor unions and government, labor, and business in an evolving political economy based on capitalism. Same as HIS 451.

LAR 429. Labor Relations Seminar. 4 hours.

Integration of labor relations course work in the form of policy proposals on various labor-related issues.

LAR 452. State and Local Public Sector Labor Relations. 4 hours.

Behavioral, legal, social, political, and institutional forces that affect dynamics of labor relations in public employment.

LAR 463. Labor Law. 4 hours.

Practical study of national and state laws governing collective bargaining in both private and public sectors. Includes a thorough discussion of bargaining units, election procedures, unfair labor practices, and good faith bargaining. Same as LES 463.

LAR 464. Contract Administration. 4 hours.

Contract administration with emphasis on interpretation, application, and impasse resolution techniques of grievance procedures, mediation, and arbitration. Same as PAD 411.

LAR 467. Labor Arbitration. 4 hours.

Philosophy and practice of labor arbitration in the unionized private and public work settings. Students develop skills in arbitration practices, research methods, decision making, rules and procedures, selection of arbitrators, and construction and presentation of cases in simulated arbitration proceedings. Same as LES 467, and PAD 467.

LAR 470. Special Project. 4 hours.

Application of critical theory to a specific, timely problem area announced each time course is offered. May be repeated if topics vary.

Legal Studies (LES)

LES 201. Introduction to the American Political System. 3 hours.

Designed to provide an introduction to the American political system for both majors and non-majors. Examines the role and function of governments in providing for a variety of public goods. In addition to examining the system's institutions and political behavior, special attention will be devoted to federalism and the role of the states. Same as POS 201.

LES 202. Introduction to the American Legal System. 3 hours.

Provides basic understanding of and introduction to the American Legal System including: the Illinois and federal courts systems and the concept of federalism. Emphasis on how the American legal system works, how it differs from other major legal systems, the basic elements of tort, contract, criminal and property law as well as basic criminal and civil procedure. Discussion will include current controversies. Course will require participation in off-campus field trips beyond scheduled class time. Same as POS 202.

LES 203. Law and Literature. 3 hours.

Focus on law and literature and major themes of law in contemporary society as reflected in literary works. Examination of range of fiction works to learn what they can tell us about law, justice, and lawyers, then and now.

LES 204. Expository Writing About Law. 3 hours.

Emphasizes skills for reading comprehension of legal writing and clarity, precision and critical analysis when writing about the law or for legal audiences. Introduces students to law-related writings and substantive legal material.

LES 301. Legal Institutions and Processes. 4 hours.

Surveys the law-making processes of judicial, legislative, administrative, and executive institutions. This course serves as an introduction to the paralegal and legal professions. Students observe law-making institutions and participate in activities designed to demonstrate how legal institutions function. Elementary practice skills and legal ethics are taught. Prerequisite: Lower division course in American Government

LES 401. Legal Research And Citation. 4 hours.

Explores the principles of legal research into case, statutory, constitutional, and administrative law materials. Components of the course include an introduction to the kinds of law books, the use and patterns of law books, and the methods of finding and citing legal materials. Use of research tools such as digests, legal encyclopedias, legal periodicals, government documents, indexes, citators, treatises, and social science periodicals related to law is also stressed. Students are given training in and experience with computer-assisted legal research, which has become a basic tool in modern legal research. Students write case briefs and are exposed to basic concepts in legal analysis. Prerequisite: Junior status or higher.

LES 402. Legal Writing and Analysis. 4 hours.

Builds on skills learned in LES 401. Emphasis is on reading, analyzing, and applying the law found in the various legal sources. Coverage includes the major kinds of legal writing: case briefs, office and court memoranda, and briefs. Computerized legal search methods are introduced. Students write legal briefs and memoranda that integrate research, writing, and citation skills. Prerequisite: LES 401 with a grade of "C" or better. Must have junior status or higher. Not intended for students with Freshman or Sophomore standing.

LES 403. Practice Skills: Illinois Civil Procedure for Legal Assistants. 4 hours.

Legal skill building, including exposure to interviewing and counseling, legal drafting, and legal ethics. Civil trial practice covers pleadings, motions, discovery, pre-trial conference, jury selection, trial protocol, and appellate strategies. Learning techniques involve role playing and media demonstrations. Prerequisites: LES 401 and 402.

Legal Studies (LES)

LES 404. Law and Inequality. 4 hours.

Role of law and the legal system in creating, maintaining, and reducing inequality, with emphasis on race, class, and gender inequality in the United States. The relationship between law and the legal system and political/economic institutions and ideologies. Same as POS 421, SOA 425, and WMS 445.

LES 407. Law and Society. 4 hours.

Introductory, interdisciplinary survey of the functions of law in society. Analyzes law, legal and social institutions, and legal theory, with special emphasis on issues of justice, fairness, and equality. Prerequisite: LES 301

LES 408. Computers In The Law. 4 hours.

Skills course for law office managers, legal assistants, and legal investigators emphasizing software and computerized procedures used in law offices. Includes basics of word processing, spread sheets and databases, billing, scheduling, and docketing programs and document/transcript concordance litigation programs as well as introduction to e-mail, Internet access, transmittal, and uses and legal research on Lexis/Nexis and through the Internet. Prerequisite: LES 401.

LES 411. Judicial Process. 4 hours.

Social science literature on judicial process in the United States. Major topics include legal culture, court structure, litigation, legal profession, trial and appellate courts, impact and compliance, and criticisms of the process. Same as POS 417.

LES 415. American Constitution and Constitutional Law. 4 hours.

The place of the Constitution and Supreme Court in American policy, using both empirical and case materials. Focus on structure and powers of national government, with special emphasis on the Supreme Court as a policy-making institution. Same as POS 415.

LES 416. American Constitution and Civil Liberties. 4 hours.

Civil liberties constitutional law, with examination of the Supreme Court's role in the definition and development of civil liberties. Emphasis on Bill of Rights and Civil War Amendments. Same as POS 416.

LES 418. Jurisprudence. 4 hours.

An overview of the major legal theories about the nature of law and its place in the political system. Among the issues considered are the origin of law, its relationship with divine law, obligations of obedience and disobedience, and the relationship between political sovereignty and law. Same as POS 418.

LES 419. Environmental Law. 4 hours.

Surveys the major federal statutes and regulatory schemes relating to environmental quality and analyzes and compares the contrasting approaches to regulation that have been used. Focuses on the interaction of law and policy and considers the role of Congress, the regulatory agencies, and the courts in defining and implementing environmental mandates. Same as ENS 419, MPH 419, and POS 419.

LES 421. Judicial Administration. 4 hours.

Basic concepts and critical issues in judicial administration. Emphasis on the Illinois court system structure and functions in comparison with national standards and other court systems. Topics include case-flow management, jury management, records management, personnel administration, judicial rule making, budgeting, planning, and research. Same as PAD 451.

Legal Studies (LES)

LES 423. Dispute Resolution. 4 hours.

Alternative methods of settling disputes, including arbitration, conciliation, and mediation. Emphasis on understanding the processes and the when and how of using alternative techniques. Incorporates hearing simulations and practice skills training. Covers commercial, construction, labor, accident claims, and international and family disputes.

LES 444. Mental Health Law. 4 hours.

Examines the relationship between the state and mentally disordered individuals. Primary focus on constitutional and theoretical issues surrounding civil commitment to state hospitals and the insanity defense. Related topics include the rights of mental patients, competency to stand trial, and the role of mental health professionals in legal proceedings.

LES 446. Family Law. 4 hours.

Law that affects the family. Topics include divorce, domestic violence, illegitimacy, adoption, child support and custody, parental control, abuse and neglect laws, issues affecting the elderly, domestic law reform, and the impact of the women's rights movement. Course available online; may also be available on campus. Refer to the current course schedule for further information. Same as HDC 446, SOA 454, SWK 446, and WMS 446. Not intended for students with Freshman or Sophomore standing.

LES 447. Women in American Law. 4 hours.

Overview of gender as a factor in American law with particular emphasis on women's rights and legal issues concerning women, including constitutional standards, employment relationships, education, family, criminal processes, sexual harassment and reproductive rights among other issues. Same as WMS 447.

LES 448. Juvenile Law. 4 hours.

Laws and legal practices governing children and youth, particularly wards of the courts and juvenile offenders. Rights of children, youth services available, and institutional practices and laws governing juveniles. Same as CRJ 428.

LES 449. Non-Discrimination Laws in Employment. 4 hours.

Development and implementation of nondiscrimination laws in employment, including hiring, firing, promotion, terms and conditions, benefits and pay. Focus on protective labor laws, veteran preference, harassment, and due process requirements in employment. Same as PAD 452, and WMS 449.

LES 451. Law, Film and Popular Culture. 4 hours.

Movies capture, distort and shape public perception about the law, lawyers and the legal system. A focused look at how movies reflect and influence popular culture of law today. This class combines viewing films and written and oral critiques of the films and the images of the legal system and the law which they convey.

LES 452. History of American Law. 4 hours.

Historical examination of the professional and constitutional development of law in the United States. Topics include the common-law legacy, substantive and procedural aspects of legal history, jurisprudence, the American lawyer, and interaction of law with American society, thought, and politics. Same as HIS 446.

LES 456. Law and Literature. 4 hours.

Readings and discussion of literature. Includes ideas of justice; the concept of property as influenced by class, race, gender, and sexual orientation; and individual conscience vis-a-vis the duty to obey the law. Same as WMS 448.

Legal Studies (LES)

LES 458. Copyright Law. 4 hours.

This course will focus on American and International copyright law. Copyright is the method by which authors, artists, publishers and others protect their works from being copied and used by "pirates" and plagiarists. This course will appeal to students who are interested in knowing about the law in order to protect their own works, or those who are considering pursuing a career in copyright legal practice. Not intended for students with Freshman or Sophomore standing.

LES 463. Labor Law. 4 hours.

Study of concepts and laws governing collective bargaining in both private and public sectors. Includes a thorough discussion of bargaining units, election procedures, unfair labor practices, and good faith bargaining. Same as LAR 463.

LES 467. Labor Arbitration. 4 hours.

Philosophy and practice of labor arbitration in the unionized private and public work settings. Students develop skills in arbitration practices, research methods, decision making, rules and procedures, selection of arbitrators, and construction and presentation of cases in simulated arbitration proceedings. Same as LAR 467, and PAD 467.

LES 468. Small Office Practice. 4 hours.

Common forms of small business organization, including sole proprietorship, partnership, and corporation. Liability, tax, management, formation, liens, attachment of property, garnishment of wages, truth in lending, equal credit opportunity, credit reporting, and various debtor rights issues are also discussed. Included are legal matters that routinely occur in transfer of real estate in Illinois, focusing on residential real estate.

LES 472. Research Methods for Legal Studies. 4 hours.

Provides an empirically based understanding of law and the legal system. Basic statistical concepts and numerical analysis used in law to distribute rights and duties and resolve disputes. Not intended for students with Freshman or Sophomore standing.

LES 474. Law of Evidence. 4 hours.

Basic study of rules of evidence for nonlawyers working in lawyer-support or investigatory situations that require basic evidentiary knowledge. Provides practical knowledge of problems faced in investigations with a view toward evidentiary sufficiency and possible admissibility in hearings or trials. Same as CRJ 474.

LES 477. Criminal Procedure. 4 hours.

Examines the rights of criminal defendants as set out in the U.S. Constitution and interpreted by the U.S. Supreme Court. Studies procedures governing state and federal criminal justice systems and related public policies using court opinions, statutes, and case studies. Same as CRJ 417.

LES 478. Substantive Criminal law. 4 hours.

Examines the elements of selected crimes, using both state and federal court cases and statutes. Topics include criminal responsibility, criminal liability, and criminal defenses. Particular attention paid to the Illinois criminal code. Same as CRJ 418.

LES 480. Special Topics Seminar. 2 OR 4 hours.

Intensive examination of selected issues important to study of the legal system. Topics announced each time course is offered. May be repeated if topics vary.

Legal Studies (LES)

LES 482. Ethics in Government. 4 hours.

The Illinois in Government Act (2003) will produce new legal, political and practical legal questions and difficult policy issues. This class will explore the law, its origins, its political and policy implications, its implementation ramifications and its relationships to existing legal and judicial decisions and ethical practices in Illinois. Comparisons will be made with similar laws in other states, how they work or don't work, and what effect they have had on governmental ethics in those states.

LES 484. Comparative Law and Legal Traditions. 4 hours.

Examines the three major legal systems of the modern world. In the era of globalization, knowledge of the legal traditions and legal systems of the world's economic players is essential. Examines different legal systems as systems, with their distinctive components and internal relations, including each system's history, culture, and structure. The purpose of the course is to compare the rules of law in the different legal systems in an effort to discern the general principles of law of all the systems.

LES 486. Legal Aspects of Nonprofit Organization Management. 2 hours.

Examines law and its applications in the management of nonprofit organizations. Geared for graduate-level students, experienced professionals, or community agency volunteers with little or no formal training in law. Same as PAD 448.

LES 489. Closing Seminar: Ethics and Current Legal Questions. 4 hours.

A seminar for legal studies undergraduates in their final semester, providing an opportunity to build on research and writing skills and integrating the law and liberal arts. Students explore current social and legal problems, critically analyze solutions, and suggest appropriate alternatives. The content of the course varies from semester to semester. Prerequisite: LES 402 or CRJ 345

LES 490. Wrongful Convictions: Innocence Project. 1 TO 8 hours.

This is a senior seminar focusing on innocence cases -- instances where individuals have been arrested, tried, and convicted of a crime despite the existence of good factual reason to believe they are not legally guilty. Students will investigate these individuals' cases to see if they should be exonerated. May be repeated to a maximum of 8 hours with approval.

LES 499. Tutorial. 1 TO 8 hours.

Credit/No Credit grading only. May be repeated up to 1 time(s) if topics vary.

LES 501. Introduction to Graduate Legal Studies. 4 hours.

Provides a common framework for graduate students in legal studies, focusing on such topics as history and philosophy of justice, law, and legal institutions. Restricted to Graduate students.

LES 504. Graduate Seminar. 4 hours.

A seminar for second-year graduate students that provides an opportunity to build on and further develop research, writing, and analytical thinking skills and to apply these skills to the resolution of a current legal problem(s) or issue(s) in such a way that the relationship of law to society and to social change is heightened. Seminar design varies with instructor. The final paper in this course will be reviewed by the Graduate Review Committee and will constitute the master's level project. NOTE: If the course requirements are not completed during the initial four-hour enrollment, students must register for LES 597 for zero credit hours (one billable hour) in all subsequent semesters until these requirements are completed. Prerequisites: LES 401, or equivalent experience, and permission of instructor. Restricted to Graduate students.

Legal Studies (LES)

LES 513. Seminar in Politics and Law. 4 hours.

Exploration of inequality in the American political and legal system; nature and functions of law in general, given the economic and political organization of American society. Law and the legal system viewed from the critical perspective, including relationship between the legal system and justice, fairness, and equality. Issues of inequality, race, class, and gender will be stressed. Same as POS 513. Restricted to Graduate students.

LES 522. Health Care Law, Patient Privacy and HIPAA. 4 hours.

Covers basic concepts in the law as it relates to health care with emphasis on the implications of the privacy requirements of the HIPAA law and its privacy regulations. Students will review and address issues dealing with access to care, patient and provider rights and responsibility, the interplay of state and federal regulatory schemes and evolving legal issues related to delivering health care. Special emphasis will be placed on the impact the new HIPAA rules relating to access to patient records and privacy. Restricted to Graduate students.

LES 551. Administrative Law. 4 hours.

Legal foundation of administrative powers and limitations; study of delegation of administrative power, administrative discretion, legislative and executive controls and legal restraints; types of administrative action and enforcement; administrative remedies; and judicial review of administrative action. Same as PAD 551. Restricted to Graduate students.

LES 554. Clinical Education. 1 TO 8 hours.

Work experience in a legal setting. Placement arranged and supervised by student's adviser or program's clinical educational instructor. Credit/No Credit grading only. May be repeated to a maximum of 8 hours. Restricted to Graduate students.

LES 562. Commercial Law. 4 hours.

Treatment of legal problems inherent in business transactions and in-depth coverage of their accounting and auditing implications. Emphasizes topics important to professional accountants (e.g., contracts, commercial paper, Uniform Commercial Code, estates and trusts, securities regulations, property, and bankruptcy). Extensive use of case studies and analyses. Same as ACC 562. Prerequisite: ACC 464 or PAD 421. Restricted to Graduate students.

LES 572. Law And Criminal Justice. 4 hours.

Selected topics of special interest in the area of law, criminal justice, and public policy. Focuses on legal issues related to criminal justice policy, such as the development and implementation of the death penalty or the transformation of the juvenile justice system. Same as CRJ 572. Restricted to Graduate students.

LES 575. Effective Public Affairs Writing. 4 hours.

Writing-intensive course examining a range of writing styles, structures and components used by public affairs practitioners and graduate students. Includes such topics as thesis statement literature review, fact sheet, policy memo and press release. Same as PAD 575 and POS 575. Restricted to Graduate students.

LES 587. Public Advocacy. 4 hours.

Focus on skills, methods, and strategies of institutional advocacy. Students study the role and uses of effective advocacy, both written and oral, through structured readings and use of various advocacy techniques in a variety of posited situations. Topics of current interest that are allied to students' thesis research topics will be emphasized. Prerequisite: LES 401 and 402, or equivalent experience. Restricted to Graduate students.

Legal Studies (LES)

LES 590. Thesis. 1 TO 8 hours.

NOTE: If the thesis is not completed by the time eight hour are accrued in continuing enrollment, students must register for LES 598 for zero credit hours (one billable hour) in all subsequent semesters until the thesis is completed. Credit/No Credit grading only. May be repeated to a maximum of 8 hours. Restricted to Graduate students.

LES 597. Graduate Seminar Continuing Enrollment. 0 hours.

Refer to the NOTE in course description for LES 504. May be repeated. Restricted to Graduate students.

LES 598. Thesis Continuing Enrollment. 0 hours.

Refer to the NOTE in course description for LES 590. May be repeated. Restricted to Graduate students.

LES 599. Tutorial. 1 TO 8 hours.

Independent study, structured readings, or research in fields of legal studies and administration of justice. Credit/No Credit grading only. May be repeated up to 1 time(s) if topics vary. Restricted to Graduate students.

Liberal Studies (LIS)

LIS 301. Self-Directed Learning. 4 hours.

Introduction to the liberal studies program. Focuses on the skills, knowledge, and attitudes necessary to become a self-directed, autonomous learner. Topics include an examination of collegiate education philosophy, theory, and practice; dynamics of power; self-assessment; goal-setting; designing effective learning experiences; documenting and evaluating independent learning; organizing learning resources; and designing a liberal studies curriculum. To be taken as the first course after declaring the LIS major. NOTE: LIS 301 must be completed and the degree plan accepted by the LIS program before enrolling in additional course work towards the major. Credit/No Credit grading only. Restricted to Liberal Studies.

LIS 342. Conducting Liberal Studies Research. 2 hours.

Introduction to undergraduate research from a liberal studies perspective. Students choose a topic for study and define it to effectively explore their research. The production of a major product during the course is facilitated through the use of a learning journal and the creation of an extensive resources inventory. Credit/No Credit grading only. Prerequisite: LIS 301. Restricted to Liberal Studies.

LIS 360. Special Topics in Liberal Studies. 4 hours.

Exploration of topics relating to Boyer Categories. Meets Liberal Studies elective requirement.

LIS 380. Exploration of Learning Resources. 2 TO 8 hours.

Independent study through exploration of a topic within liberal studies or directly related to the student's degree plan. A journal of the exploration process, a comprehensive resources inventory, and demonstration of learning (a major product) are required. To be taken as described in individual degree plans. Credit/No Credit grading only. May be repeated to a maximum of 8 hours. Prerequisite: LIS 301 and program acceptance of degree plan. Restricted to Liberal Studies.

LIS 451. Senior Seminar. 2 hours.

Includes a symposium on applying principles of integration and autonomy explored in LIS 301 to the learning experiences of the degree program. Students prepare a paper integrating their learning experiences. Students who choose to do an honors thesis may prepare a proposal for LIS 471. Should be taken as the final course prior to graduation. Credit/No Credit grading only. Prerequisite: LIS 301. Restricted to Liberal Studies.

LIS 471. Honors Thesis. 2 hours.

Design, development, and completion of a thesis, which must be completed during the term in which the student expects to graduate. To be taken as described in individual degree plans. Restricted to Liberal Studies. Must enroll concurrently in LIS 451.

LIS 499. Independent Study:Tutorial. 2 TO 8 hours.

Focus on readings or research on trends and current issues in the student's area of study. In consultation with faculty, students define topics integral to satisfying their self-assessed learning needs. To be taken as described in individual degree plans. Credit/No Credit grading only. May be repeated to a maximum of 8 hours. Prerequisite: LIS 301 and program acceptance of degree plan. Restricted to Liberal Studies.

Liberal Studies Colloquia Courses (LSC)

LSC 401. Writing From Family Materials. 4 hours.

Students will research and record their own family histories, for personal enrichment, to promote family interest and interconnectedness, to better understand their cultural heritage, and to leave a record of it for the generations to come: both family and the wider public.

LSC 402. Eyes On The Prize. 4 hours.

Presents a comprehensive history of the people, stories, events, and issues of the civil rights struggle in America. Focuses on the civil rights movements and how it made America a more democratic society, gave rise to a host of other movements that transformed the face of American culture, changed those who participated in it, and influenced and created a new generation of American leadership. Course offered through College-by-Cassette.

LSC 403. Architecture and Society. 4 hours.

An exploration of architecture's role in society, from the Parthenon to Post-Modernism, considering not only period styles and building techniques, but also changes in the idea of architecture, the tension between aesthetics and function, art and craft, style and technology.

LSC 404. Nature, History, and Human Action. 4 hours.

Interdisciplinary investigation of relationships between human communities and natural environments from prehistory to the present. Emphasis on building a sense of place through study of landscape history in the places where we live. Readings of worldwide archaeological and ethnographic case studies survey ways in which human action has shaped the natural world and emphasize cultural diversity in human attitudes toward nature and environmental problem-solving.

LSC 405. Environmental Values. 4 hours.

A multidisciplinary study of reasons to value the environment for its own sake. Topics include valuing individual animals, species of plants and animals, and wilderness areas. Alternate value systems and bases for values are considered, drawing on biology, ecology, anthropology, Native American studies, women's studies and philosophy.

LSC 406. Caribbean Cultures In The US. 4 hours.

A survey course that explores the impact of Caribbean people on the historical and cultural development of the United States. The subject matter will explore the growth and limitation of cultural pluralism for Caribbean societies in mainland America.

LSC 407. Islam And The West. 4 hours.

Study of Islam: its beliefs, value system, concept of justice, rules, and relationship with others; survey of Muslim cultures and civilizations. Studies the relationship between Islam and the West and underlying causal factors for conflicts. Explores a course of action for better understanding.

LSC 408. Words. 4 hours.

The study of words and what humans do with them. Words are simultaneously concepts, meaning carriers and pieces of culture, used in accomplishing nearly every human endeavor regardless of scope or value. Words' role in creating cultural outlook is explored.

LSC 409. Vietnam: A Television History. 4 hours.

This course examines Vietnamese history and culture including relationships with China, family values, religious beliefs, gender roles, class conflict and political and economic change over time. Wars with China, France and the United States are analyzed within the context of Vietnamese history. Current social and economic trends are featured. Course offered through College-by-Cassette.

Liberal Studies Colloquia Courses (LSC)

LSC 410. Time. 4 hours.

An interdisciplinary course which examines both theoretical and practical concepts of time by exploring readings from physics, religion, psychology, education, philosophy, mythology and literature.

LSC 411. The Great Depression. 4 hours.

Examines American society during the 1930's, focusing on the Depression's impact on various groups. Explores why Americans embraced some alternatives and rejected others. Examines ways in which the Depression continues to shape the US.

LSC 412. The Self-Portrait In Art. 4 hours.

A Study of the self-portrait in art from the seventeenth century to the present, focusing on selected artists and examining artworks alongside biographical texts. Artists include Artemisia Gentileschi, Van Gogh, Frida Kahlo and Cindy Sherman.

LSC 413. Global Women's Health. 4 hours.

An interdisciplinary course which examines women's health in the USA and other countries. Gender makes a difference in all countries as does religion, politics, education, vocations, race ethnic groups and cultures.

LSC 414. Water: An American Perspective. 4 hours.

Concentrates on the role of water in North American civilizations, past and present. It focuses on the science, economics, politics, management and overall impact that water has had on societal evolution.

LSC 415. The Nature Of Human Nature. 4 hours.

A multidisciplinary investigation of Human Nature from Sociological, Psychological, Biological, Anthropological and Philosophical perspectives. Students will survey a variety of views of human nature across time and place and consider what the empirical evidence suggests about the nature of human nature.

LSC 416. Gender and Social Change in the Middle East. 4 hours.

Familiarizes students with the complex impacts of social change on family life and gender relations in the Middle East. We shall analyze macro developments as well as studying narratives that reflect gender relations in individuals' lives.

LSC 417. Darwin, Marx and Freud. 4 hours.

LSC 418. From Bethlehem to Byzantium and Beyond: History & Culture of Eastern Christianity. 4 hours.

Examines the history of Orthodoxy from its origins to the present, including relationships between Orthodoxy and Western Christianity; hagiography and iconography; Christian-Muslim, Christian-Jewish, and Greek-Slavic relations; and the impact of the Enlightenment, Nationalism, and Communism on Orthodoxy.

LSC 419. Science & Religion in the Western Tradition. 4 hours.

An interdisciplinary course studying the interaction between science and religion. Topics include the history and philosophy of science and current issues, such as origins and bioethics. Classical philosophy and Christianity, Islam, and Judaism will be discussed.

Liberal Studies Colloquia Courses (LSC)

LSC 420. American Music. 4 hours.

This class will investigate Music in several subcultures in America and the student will develop an understanding of musical style, the aesthetic viewpoints of differing cultures, and the function which music fulfills in these diverse societies. New musical expressions, philosophies and world views will be encountered. This class is intended for those who have had an introductory course in music that developed a vocabulary for musical description.

LSC 421. The Africans. 4 hours.

This telecourse examines the Africa that existed before outsiders came, the influence of Islam and Christianity, and show how both East and West, as well as Africa itself, exploited the slave trade. The series looks at African economics and social systems, examining inherent conflicts and exploring Africa's contributions to and relationships with the rest of the world. Course offered through College-by-Cassette.

LSC 422. History and Culture of the Caribbean. 4 hours.

Examines the historical and cultural development of the Caribbean prior to European colonialism through the 20th century. Reviews the impact of colonial government, industry, education and culture on Native Americans and Africans. Participants of the course will explore how Europeans, Native Americans and Blacks created unique Caribbean societies that permanently changed the cultural base of the West Indies.

LSC 423. Emiquon: Illinois Floodplain. 4 hours.

In this course we explore the scientific significance and cultural history of Emiquon, 7000 acres adjacent to the Illinois River. This area is being restored to wetlands from agriculture, a conversation with important scientific, economic, and cultural ramifications. Lectures will be given near Emiquon, and webcast to UIS.

LSC 424. Global Environmental Crisis. 4 hours.

Analyzes the causes and consequences of global environmental problems such as pollution, destruction of natural resources, extinction of species, climate change, global warming, etc. to encourage critical thinking and classroom discussion. Students will research a local environmental problem and suggest possible solutions.

LSC 425. War & Peace in the 20th Century. 4 hours.

Examines why war was such a prevalent feature of the 20th century and how peace was, or might have been, preserved. We hope to provoke thinking about what it will take to make the 21st century a more peaceful one than the last. Emphasis upon WW I, II and the Cold War.

LSC 426. Older Women Across Cultures. 4 hours.

Examines older women's roles, status, and opportunities in a variety of societies outside the U.S. The effect of biology, culture, history, and economics is emphasized. Students are encouraged to conduct a historical analysis of older women in selected cultures, develop theoretical approaches, and formulate practical applications and strategies for social change.

LSC 427. African American Music. 4 hours.

Students learn how music functions in different cultural groups by exploring a variety of genres of music including folk, minstrel, gospel, blues, soul, ragtime, jazz, and rap. Students will gain an awareness of the multitude of meanings conveyed through different types of music.

LSC 428. The Culture and Civilization of South Asia. 4 hours.

An introduction to the history, religion/philosophy, fine arts, language, politics and sociology/anthropology of the South Asian Subcontinent.

Liberal Studies Colloquia Courses (LSC)

LSC 429. Black Women Writers. 4 hours.

Explores diverse writings by Black women: autobiography, fictions, poetry, social and literary criticism, and essays. Black Women Writers illuminate how they transcend under-representation in literature and academia, as well as the double oppression of being Black and female.

LSC 430. African American Popular Culture. 4 hours.

African Americans have contributed greatly to American culture. This course presents and analyzes a sampling of literature, music, film, sports, and fashion. Particular attention will be given to how African American expression culture merges (or clashes) with European American structure.

LSC 431. The Beatles: Popular Music and Society. 4 hours.

The Beatles' influence on contemporary culture is unquestionable. This course will look at the rapid rise of the Beatles and their impact, then and now, on popular music and culture.

Management (MGT)

MGT 310. Managing Organizational Behavior. 3 hours.

(CBM Core Course) Examines and analyzes the organization and the organizational environment as a social system. The impact of its various components on individuals and groups within the organization will also be considered. Topics include individual differences, perceptions, attitudes, emotions, motivation, performance, job design, culture, innovation, change, strategy and structure, and leadership.

MGT 371. Social Responsibility and Ethics: Corporate and Public. 4 hours.

Theories and applications of social responsibility and ethical issues related to the corporate, governmental, and nonprofit sectors. Areas covered include consumerism, ecology, labor relations, diversity, government regulations, philanthropy, and stockholder/stakeholder relations. Prerequisites: Financial accounting, micro & macro economics, statistics, a behavioral science course and MGT 310 are prerequisites for management majors.

MGT 390. Topics in Management. 1 TO 4 hours.

Each topic covers a different managerial concept and may include an intensive workshop. May be repeated for an indefinite number of hours, but particular topics must differ. Prerequisite: MGT 310.

MGT 422. Power And Negotiation. 4 hours.

Theories and applications of power and negotiation as related to the leadership of organizations. Examines how people behave in systems, both at the micro and macro levels, including the role of organizational politics. Power, negotiation, and conflict management theories and skills are used in power simulations. Ethics, trust, and self-motivation are central to the process. Simulation activity and personal inventory fees are required. Prerequisite: MGT 310 and all foundation courses are prerequisites for Management majors.

MGT 423. Labor Management Relations. 4 hours.

Behavioral, economic, social, political, and institutional forces affecting the character and quality of employer union-management relationships and objectives in both public and private employment. Same as LAR 423.

MGT 430. Managerial Communication Skills. 4 hours.

Examination of the arena of managerial communication. Application of managerial communication skills necessary for success in current and future organizations will be studied and practiced. Topics include listening, nonverbal communication, various employee development issues, and making presentations.

MGT 431. Human Resource Management. 4 hours.

Theories and applications of the leadership and development of people in organizations. Topics include human resource planning, recruitment, selection, orientation, training, career development, performance appraisal, compensation, incentives, union-management relations, ethics, diversity, and succession planning. Prerequisite: MGT 310 and all foundation courses are prerequisites for Management majors.

MGT 441. Organization Development. 4 hours.

Theories and applications of organizational change and development as related to the leadership of change in organizations. Topics include resistance to change, diagnosis, change strategies, interventions, group development, team building, organizational culture, ethics, diversity, the external environment, and socio-technical issues. Prerequisite: MGT 310 and all foundation courses are prerequisites for management majors.

Management (MGT)

MGT 458. Quality Management. 4 hours.

Examines the theory, history, and management of quality management programs in business organizations in the U.S. and abroad. The primary focus will be on the management of quality in the areas of operations and human resources in manufacturing and service industries. Same as BUS 458. Prerequisite: MGT 310.

MGT 461. Organization Theory. 4 hours.

Theories and applications of organization theory relative to the design of organizational structure. Topics include organizational analysis, structure, culture, technology, organization size and life cycle, mechanistic and organic organizations, organizational effectiveness, measuring organizational performance, conflict, power, politics, external environment, ethics, and diversity. Prerequisite: MGT 310 and all foundation courses are prerequisites for management majors.

MGT 463. Report Writing For Managers. 4 hours.

Develops expertise in report writing according to individual needs. Emphasis on techniques of planning, organizing, writing, and editing.

MGT 474. Leadership And Motivation. 4 hours.

Major leadership theories, characteristics of leaders, leadership styles, delegation, decision-making, communication, and subordinate development examined. Motivational methods and techniques studied as potential tools for those assuming leadership roles.

MGT 481. Management Applications. 1 TO 8 hours.

Provides students with an opportunity to complete an internship and develop a project applying their management skills and knowledge in an organizational setting. Includes both seminar and actual field experience. Recommended for management majors who elect to take an applied study term. May be repeated to a maximum of 8 hours. Prerequisite: Three management core courses.

MGT 485. International Management. 4 hours.

Gives a perspective of the global marketplace, compares the management of similar companies in different nations, analyzes public/private sector relationships, and examines the social and economic impact of various internal and external cross-border issues.

MGT 486. Group Management Techniques. 4 hours.

Issues and applications related to the management of group formation and development. Primary focus on the knowledge and skills needed to transform groups into effective teams. Additional topics will relate to the management of the interdependencies needed to design and implement team-based organizations. An outdoors experiential learning fee may be required.

MGT 487. Leadership and Strategy: The Capstone. 4 hours.

Leadership theories and applications as related to the development of strategic policy for the management of organizations. This course is usually taken in the student's last semester. Prerequisites: All core courses.

MGT 488. Strategic Management and Leadership. 3 hours.

(CBM Core Course) Theories and applications of strategic management as related to the leadership of organizations. Focuses on developing a better understanding and demonstrated application skills in the areas of organizational vision and mission, goals and objectives, environmental scanning and analysis, issue identification and problem solving, and integration of functional competencies into cohesive organizational strategies. Prerequisite: All college core courses, four upper division courses in the major, and students must be within twelve hours of graduation. See program degree requirements for specific major prerequisites.

Management (MGT)

MGT 490. Topics in Managerial Concepts and Skills. 1 TO 4 hours.
Each topic covers a different managerial concept and includes an intensive workshop. May be repeated for an indefinite number of hours, but particular topics must differ.

MGT 499. Tutorial In Management. 1 TO 4 hours.
May be repeated to a maximum of 4 hours.

Management Information Systems (MIS)

MIS 322. Structured Programming. 4 hours.

The concept of structured programming is used in practical exercises involving a contemporary programming language. The course provides an understanding of algorithm development, programming, computer concepts and the design and application of data and file structures. The course also covers the logical and physical structures of both programs and data. This is an intensive course and requires a large amount of outside classroom programming. Access to the Internet is required. Prerequisite: One semester of college algebra or college mathematics, or equivalent.

MIS 352. Principles of Management Information Systems. 3 hours.

(CBM core course) Introduces students to fundamental concepts in management information systems (MIS), the role of computers in MIS, and some details of how the computer functions. Topics include various types of information systems, use of information by management, and information systems applications. The students will also be exposed to the application of MIS technologies in the development of business solutions through end user computing and topics such as computer hardware and software, operating systems, and security. Access to the Internet is required.

MIS 370. Topics in Management Information Systems. 1 TO 4 hours.

An advanced topic from the current literature of MIS. May be repeated for an indefinite number of hours, but particular topics must differ. Access to the Internet is required.

MIS 423. Decision Support Systems. 4 hours.

Provides non-majors an opportunity to develop personal computer skills that will help support organizational decision-making. Students analyze real world examples of decision support systems and design small systems to support their own decision-making activities associated with using a computerized business simulation. Computer lab time required. Access to the Internet is required. Prerequisite: MIS 352.

MIS 424. End User Systems Development and Implementation. 4 hours.

Establishes a foundation for developing information systems in organizations. Fundamental concepts considered include system analysis and design, application and development of databases, troubleshooting problems, and the behavioral considerations for implementing information systems. Access to the Internet is required. Prerequisite: MIS 352.

MIS 470. Advanced Topics in Management Information Systems. 1 TO 4 hours.

An advanced topic from the current literature of MIS. May be repeated for an indefinite number of hours, but particular topics must differ. Access to the Internet is required.

MIS 499. Tutorial. 1 TO 4 hours.

MIS 502. Technical Foundations of Information Systems. 4 hours.

Introduces details of computer hardware and software technologies necessary for information systems professionals. Particular hardware architectures (CISC, RISC), operating systems fundamentals, and concepts of object orientation will be described. Programming skills in an object-oriented language will be developed. Access to the Internet is required. Prerequisite: Proficiency or coursework in a high level programming language such as Java, C++, Visual Basic, COBOL, C Fortran, etc.; or MIS 322. Restricted to Graduate students.

Management Information Systems (MIS)

MIS 513. Management Information Systems. 4 hours.

Provides a foundation for understanding and analyzing information in organizations. Fundamental concepts of systems and information are covered. Topics include computer-based information systems, user requirements, and analysis and specification of systems requirements, life cycle, and security. Open to non-majors. Access to the Internet is required. Restricted to Graduate students.

MIS 523. Managerial Decision Support Systems. 4 hours.

Covers a variety of related decision support systems topics. Gives participants a flexible definition of DSS technology and introduces some principles of DSS design and use. Equips students with fundamental concepts and techniques of expert systems. Special emphasis is placed on microcomputer-based decision support systems. Access to the Internet is required.

Prerequisites: MIS 513 or equivalent, and one semester of production operations management. Restricted to Graduate students.

MIS 525. Information Technology Management. 3 hours.

Familiarity with a broad range of managerial as well as technical issues, technologies, and terminologies such as information systems high-level architecture and life cycle, information flow within organization, managerial decision making tools, data quality control and assurance, ethical and legal aspects of IS, and successful implementation of IS projects. Core Required course for MBA. Not accepted toward satisfaction of MIS program requirements. Restricted to Graduate students.

MIS 531. Strategic Decision Support Systems. 4 hours.

Theoretical and practical aspects of collecting and interpreting strategic information and using the results in organizational decision-making. Includes computerized and noncomputerized sources of external data, selection and reprocessing of internal data, alternative means of storage and retrieval, and effective use of information in dynamic strategic decision processes. Open to non-majors. Access to the Internet is required. Restricted to Graduate students.

MIS 542. Management of Database Systems. 4 hours.

Database design theory and development techniques are covered where the main focus is on the relational databases. Topics discussed include data modeling theories (entity-relationship diagrams) and theory implementation in CASE tools, data definition language to create physical databases in commercially available RDBMS such as Oracle 9i, data manipulation language and Structured Query language (SQL) to manage data within the database, client/server, distributed and Internet databases architectures, form and report design using Microsoft Access database. The main goal is to train the students to assume roles such as database analyst/designer or administrator throughout their professional career. Access to the Internet is required.

Prerequisites: MIS 502, MIS 552. . Restricted to Graduate students.

MIS 552. System Analysis And Design. 4 hours.

The overall goal of this course is to introduce students to a wide range of theoretical as well as practical techniques and methodologies in the area of information systems analysis and design. The course will train the students to assume roles such as systems analyst and technical project management in their career. The three most important topics addressed in the course are Analysis, Design, and Implementation of information systems where Systems Development Life Cycle, various diagramming techniques, and decision analysis concepts are discussed and practiced. Prerequisite: MIS 502, or equivalent. Restricted to Graduate students. Restricted to Graduate students.

Management Information Systems (MIS)

MIS 561. Competitive Information Systems. 4 hours.

Explores the use of modern technology, including the Internet, to gain a competitive edge in the marketplace. Within the context of the need for having an adaptive organization, includes the examination of modern theories of competitive strategy, gathering and use of competitive intelligence, the role of the sales force in competitive strategy formulation and execution, and the ethics of competitive intelligence. Open to non-majors if space is available, with permission of the instructor and their advisers. MBA students may not use this course as a substitute for BUS 512. Access to the Internet required. Prerequisite: Graduate standing. Restricted to Graduate students.

MIS 564. Telecommunications. 4 hours.

The principles and applications of telecommunications are emphasized. Technical and managerial aspects of telecommunications within a business are covered. International standardization efforts are introduced, and the development of local and public networks are compared. LAN and PBX standards, implementations, and performance are compared. Other topics include comparison between voice and data traffic and between analog and digital transmission methods and integration of voice, data, facsimile, and video. Access to the Internet is required. Prerequisite: MIS 502, or equivalent. Restricted to Graduate students.

MIS 570. Topics in Management Information Systems. 1 TO 4 hours.

An advanced topic from the current literature of MIS. May be repeated if topics vary. Access to the Internet is required. Restricted to Graduate students.

MIS 571. Electronic Commerce: Business Uses of the Internet. 4 hours.

Tools and technologies needed for electronic commerce are reviewed. Business opportunities, challenges, and strategies for use of the information superhighway will be explored, as will strategies and vision on how to leverage the emerging national and global information infrastructure. Other topics include the impact of the emerging electronic market and commerce reengineering in today's corporations. Access to the Internet is required. Prerequisite: Graduate standing and familiarity with a computer on the internet. Restricted to Graduate students.

MIS 572. Neural Networks and Business Applications. 4 hours.

Study of neural networks technology and exploration of its potential applications in business and management through hands-on class projects. Neural network tools such as Brainmaker (for Windows) and Neural Ware (for DOS). Topics include biological neurons and connections, expert systems vs. neural networks, fuzzy logic, machine learning, perceptron, back propagation, training and testing techniques, and others. Access to the Internet is required. Prerequisite: Graduate standing and a college-level statistics course. Restricted to Graduate students.

MIS 573. Project Management. 4 hours.

Managing Information Systems/Technology projects within an organizational context, including the processes related to initiating, planning, executing, controlling, reporting, and closing a project. Covers topics such as project integration, scope, time, cost, quality control, risk management, and earned value management. Students will be exposed to knowledge base needed for Project Management certification. Open to non-MIS majors. Access to the Internet is required. Prerequisite: BUS 322, or equivalent, or permission of instructor. Restricted to Graduate students.

Management Information Systems (MIS)

MIS 575. Technology Management and Organizational Transformation. 4 hours.
Provides participants with knowledge and skills in the concepts of managing technological change within for profit and not-for-profit types of organizations. Examines how information technology makes possible new business models, new organizational structures, and new management processes. Presents different approaches and current practices in dealing with the organizational and human aspects of effective technology transition initiatives. Topics covered include change management, new information technology-based business models, planning for technology transition, managing change agents, and managerial decisions about information technology. Major emphasis on discussion of current situations faced by today's organizations and extended case studies. Access to the Internet is required. Prerequisite: MIS 513, or equivalent, or permission of instructor. Restricted to Graduate students.

MIS 576. Data Warehousing. 4 hours.
Data warehousing is an emerging technology within the IT industry. It provides an infrastructure to collect subject-oriented data for predefined strategic as well as tactical managerial decision making purposes such as planning, logistics and promotions. The main topics covered are dimensional modeling, Star and Snowflake scheme, data staging, logical and physical design and implementation, and query design. State-of-the-art database technologies are used to demonstrate and practice the concepts, methodologies, and techniques. Prerequisite: MIS 542.

MIS 583. Graduate Project And Seminar. 4 hours.
Closure experience involving an advanced problem or need in MIS; may or may not involve a practicum. Project topic must be approved in advance by the MIS Department Committee; written report and oral presentation required. Students are required to participate in a regularly scheduled seminar that covers the process of project design and methods in MIS. Access to the Internet is required. NOTE: If the project is not completed during the initial four-hour enrollment, students must register for MIS 586 for zero credit hours (one billable hour) in all subsequent semesters until the project is completed. Access to the Internet is required. Prerequisite: 24 hours of 500 level coursework in MIS. Restricted to Management Information Systems. Restricted to Graduate students.

MIS 584. Capstone. 4 hours.
Covers current topics in MIS including issues related to areas of business environment, technology, globalization, politics, ethics, legal, regulatory, and demographic diversity. The role of MIS in those areas will be addressed. In each semester, these selected topics may not be the same depending on what topics are current and emerging. Assignments include paper critiques, group discussions, and a final paper or project. This course is primarily for MIS majors and should be taken in the last semester of the MIS degree program. NOTE: If this course is not completed during the initial four-hour enrollment, students must register for the course and re-take it again. Access to the Internet is required. Prerequisite: 32 hours of 500-level coursework in MIS. Restricted to Management Information Systems. Restricted to Graduate students.

MIS 585. Thesis And Seminar. 4 TO 8 hours.
Academic study of a student-selected topic in MIS that involves a survey of relevant literature and empirical analysis. Thesis topic must be approved in advance by the MIS Department Committee; written report and oral presentation required. Students are required to participate in a regularly scheduled seminar that covers the process of conducting research in the field of MIS and phases of the research process. NOTE: If the thesis is not completed during the initial four-hour enrollment, students must register for MIS 587 for zero credit hours (one billable hour) in all subsequent semesters until the thesis is completed. May be repeated to a maximum of 8 hours. Access to the Internet is required. Prerequisite: 24 hours of 500-level coursework in MIS. Restricted to Management Information Systems. Restricted to Graduate students.

MIS 586. Graduate Project and Seminar Continuing Enrollment. 0 hours.
Refer to NOTE in course description for MIS 583. May be repeated. Restricted to Graduate students.

Management Information Systems (MIS)

MIS 587. Thesis and Seminar Continuing Enrollment. 0 hours.
Refer to NOTE in course description for MIS 585. May be repeated. Restricted to Graduate students.

MIS 599. Tutorial. 1 TO 4 hours.
May be repeated to a maximum of 4 hours. Restricted to Graduate students.

Mathematical Sciences (MAT)

MAT 101. College Algebra & Trigonometry. 4 hours.

Develop skills necessary for quantitative reasoning class. Topics include polynomial, rational, logarithmic, exponential functions and their graphs, trigonometric functions and identities. This course does not satisfy the general education mathematics requirement. Prerequisite: Intermediate algebra and geometry or equivalent.

MAT 111. Quantitative Reasoning. 3 hours.

This course is designed to satisfy the mathematics general education requirement and is not designed to fulfill mathematics requirements for either science or mathematics majors. Develops competency in problem solving and analysis helpful in personal decision making. Topics will include no more than four of the following: functions, graphing, counting techniques and probability, statistics, finance, modeling, estimating, geometry, game theory, and logic. Prerequisites: Geometry and intermediate algebra with a grade of C or better, or permission of the instructor.

MAT 112. Mathematics in Daily Life. 3 hours.

Focuses on mathematical reasoning and the solving of real-life problems. Three topics will be chosen from the following list: geometry, graph theory, counting techniques and probability, mathematics of finance, and mathematical modeling. Course Information: Prerequisite: Geometry and intermediate algebra with a grade of C or better, or permission of the instructor.

MAT 113. Business Calculus. 4 hours.

Fundamental concepts, methods, and techniques of single-multivariable differential and integral calculus. Topics include introduction to derivatives, integrals and their applications, and marginal analysis. Prerequisite: Geometry and intermediate algebra with a grade of C or better, or permission of the instructor.

MAT 115. Calculus I. 4 hours.

Limits and their properties. Definitions and some techniques of differentiation and the evaluation of definite integrals, with applications. Prerequisite: College algebra and trigonometry, or equivalent.

MAT 116. Calculus II. 4 hours.

Applications of integration, with some formal techniques and numerical methods. Calculus of further transcendental functions (inverse trigonometric functions, exponentials, logarithms). Improper integrals, infinite sequences and series. Prerequisite: MAT 115, or equivalent.

MAT 121. Applied Statistics. 3 hours.

May be used to meet the mathematics general education requirement for admission to UIS. Topics may include descriptive statistics, elementary probability, basic probability distributions, sampling, estimation, testing of hypotheses, simple linear regression, and correlation. Prerequisite: Intermediate algebra and geometry with grades of C or better.

MAT 122. Contemporary Statistics. 3 hours.

Emphasis on concepts and applications through the using of the computer. Topics include descriptive statistics, basic probability distributions, sampling, estimation, testing of hypotheses, correlation, simple linear regression, and analysis of categorical data. Prerequisite: Geometry and intermediate algebra with a grade of C or better, or permission of the instructor.

MAT 217. Calculus III. 4 hours.

Basic analytic geometry in three dimensions, using vectors. Real-valued functions of two and three variables, partial derivatives, gradient and directional derivatives, level curves and surfaces, and maxima and minima. Parametrized curves in space, line integrals. Multiple integrals, with applications. Prerequisite: MAT 116, or equivalent.

Mathematical Sciences (MAT)

MAT 302. Discrete Mathematics. 4 hours.

Topics include sets, functions, relations; propositional and predicate logic, including truth tables and valid reasoning; Boolean algebra, minimization with Karnaugh maps, and Quine McClusky method; integer, rational, real, modular arithmetic, different bases, and complementary number systems; mathematical induction; recurrence relations; graph theory; and automata theory. Prerequisite: College algebra with a grade of C or better.

MAT 330. Writing Skills. 0 hours.

Evaluation of writing skills for mathematical sciences students. These tests should be taken during the student's first semester of enrollment as a mathematical sciences major. Credit/No Credit grading only.

MAT 332. Linear Algebra. 4 hours.

A theoretical course involving systems of linear equations, matrices, vectors in n -space, vector spaces, linear transformations, eigenvalues and eigenvectors, diagonalization, quadratic forms, and canonical forms. Prerequisite or corequisite: MAT 116, or equivalent.

MAT 400. Topics in Mathematics. 1 TO 4 hours.

Various topics; description changes according to topic offered. May be repeated if topics vary. Prerequisites: See course schedule for prerequisites.

MAT 401. History Of Mathematics. 4 hours.

Introduction to the development of major mathematical concepts. History of computation, probability, algebra, geometry, trigonometry, and calculus. Evolution and changes in the rigor of mathematics from 1500 B.C. Biographies of male and female mathematicians are included. Prerequisite: MAT 115, or equivalent.

MAT 403. Abstract Algebra. 4 hours.

Topics include group theory, rings, and fields. Prerequisite: MAT 332, or equivalent.

MAT 404. Geometry. 4 hours.

A systematic study of the consequences of the parallel postulate in Euclidean and non-Euclidean geometries. Prerequisite: MAT 332.

MAT 415. Advanced Calculus. 4 hours.

Elementary ordinary differential equations. Special functions defined by power series and by integrals, Fourier series. Prerequisites: MAT 217, or equivalent, and MAT 332.

MAT 420. Topics in Statistics and Probability. 1 TO 4 hours.

Various topics; description changes according to topic offered. May be repeated if topics vary. Students may register in more than one section per term. Prerequisite: See course schedule for prerequisites

MAT 421. Statistical Methods. 4 hours.

Introductory course for statistical analysis techniques. Topics may include review of basic statistics, multiple linear regression, analysis of enumerative data, analysis of variance, multiple comparisons, design of experiments, and analysis of covariance. Additional topics may be chosen from principal components, factor analysis, discriminant analysis, and nonparametric tests. Prerequisite: Intermediate algebra, or permission of instructor.

Mathematical Sciences (MAT)

MAT 431. Mathematical Statistics I. 4 hours.

Introduction to theory and application of probability models. Topics include random variables, mathematical expectation, Chebyshev's inequality, marginal and conditional distribution, independence, probability distributions and their properties, transformation of variables, moment-generating functions, limiting distribution, and central limit theorem. Prerequisite: MAT 116, or equivalent.

MAT 432. Mathematical Statistics II. 4 hours.

Introduction to theory and application of statistical inference. Topics include sampling distributions, point estimation, including maximum likelihood estimation and the application of criteria such as consistency, unbiasedness, and minimum variance; interval estimation, Bayesian estimation, statistical hypothesis testing, including power functions, Type I and Type II errors, Newman-Pearson lemma, and likelihood ratio tests. Prerequisite: MAT 431.

MAT 442. Probability Modeling and Computer Simulation. 4 hours.

Explores the principles and concepts of probability theory and introduces computer simulation methodology. Topics include fundamental concepts of probability, random variables, random number generators, probability distributions, mathematical expectation, introduction of simulation, concepts in sampling, sampling models, estimation, and discrete event stochastic processes. Prerequisites: MAT 116, or equivalent, and one semester of programming language.

MAT 444. Operations Research Methods. 4 hours.

Quantitative methods necessary for analysis, modeling, and decision making. Topics include linear programming, transportation model, network models, decision theory, games theory, PERT-CPM, inventory models, and queueing theory. Additional topics may be chosen from integer linear programming, system simulation, and nonlinear programming. Same as PAD 431. Prerequisite: MAT 332, or permission of instructor.

MAT 499. Tutorial. 1 TO 12 hours.

May be repeated to a maximum of 12 hours.

Modern Languages (LNG)

LNG 111. Elementary French I. 4 hours.

This course, the first in the sequence of four, begins the development of understanding, speaking, reading, and writing of the French language as well as the development of awareness of cultural differences in francophone countries. It is designed for students with no previous study of French or for students whose knowledge of French does not permit placement in a higher level.

Available: Fall semester

LNG 112. Elementary French II. 4 hours.

This course, the second in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of the French language, as well as promoting understanding of daily life in francophone countries. Available: Fall semester and Spring semester Prerequisite: LNG 111 or placement through testing.

LNG 121. Elementary Spanish I. 4 hours.

This course, the first in the sequence of four, begins the development of understanding, speaking, reading, and writing of the Spanish language as well as the development of awareness of cultural differences in countries where Spanish is the primary language. It is designed for students with no previous study of Spanish or for students whose knowledge of Spanish does not permit placement in a higher level. Available: Fall and Spring semester.

LNG 122. Elementary Spanish II. 4 hours.

This course, the second in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of the Spanish language, as well as promoting understanding of daily life in countries whose primary language is Spanish. Available: Fall semester and Spring semester Prerequisite: LNG 121 or placement through testing.

LNG 125. Spanish for Cultural Literacy. 2 hours.

This course, delivered in an interactive online format, prepares the student for basic communication with Spanish-speaking people. The course is completed in 8 weeks.

LNG 131. Elementary German I. 4 hours.

This course, the first in the sequence of four, begins the development of understanding, speaking, reading, and writing of the German language as well as the development of awareness of cultural differences in countries where German is the primary language. It is designed for students with no previous study of German or for students whose knowledge of German does not permit placement in a higher level. Available: Fall semester

LNG 132. Elementary German II. 4 hours.

This course, the second in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of the German language, as well as promoting understanding of daily life in countries whose primary language is German. Available: Spring semester Prerequisite: LNG 131 or placement through testing.

LNG 141. Elementary Chinese I. 4 hours.

This course, the first in the sequence of four, begins the development of understanding, speaking, reading, and writing of Mandarin, as well as the development of awareness of cultural differences. It is designed for students with no previous study of Mandarin or for students whose knowledge of Mandarin does not permit placement in a higher level. Available: Fall semester

LNG 142. Elementary Chinese II. 4 hours.

This course, the second in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of Mandarin, as well as promoting understanding of cultural differences. Available: Spring semester Prerequisite: LNG 141 or placement through testing.

Modern Languages (LNG)

LNG 151. Elementary Japanese I. 4 hours.

This course, the first in the sequence of four, begins the development of understanding, speaking, reading, and writing of Japanese as well as the development of awareness of cultural differences. It is designed for students with no previous study of Japanese or for students whose knowledge of Japanese does not permit placement in a higher level. Available: Fall semester

LNG 152. Elementary Japanese II. 4 hours.

This course, the second in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of Japanese, as well as promoting understanding of cultural differences. Available: Spring semester Prerequisite: LNG 151 or placement through testing.

LNG 161. Elementary Russian I. 4 hours.

This course, the first in the sequence of four, begins the development of understanding, speaking, reading, and writing of Russian as well as the development of awareness of cultural differences. It is designed for students with no previous study of Russian or for students whose knowledge of Russian does not permit placement in a higher level. Available: Fall semester

LNG 162. Elementary Russian II. 4 hours.

This course, the second in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of Russian, as well as promoting understanding of cultural differences. Available: Spring semester Prerequisite: LNG 161 or placement through testing.

LNG 211. Intermediate French I. 4 hours.

This course, the third in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of the French language, and the discussion of cultural differences in francophone countries. Available: Fall semester. Prerequisite: LNG 112 or placement through testing.

LNG 212. Intermediate French II. 4 hours.

This course, the third in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of the French language, and the discussion of cultural differences in francophone countries. Available: Spring semester Prerequisite: LNG 112 or placement through testing.

LNG 221. Intermediate Spanish I. 4 hours.

This course, the third in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of the Spanish language, and the discussion of cultural differences in countries whose primary language is Spanish. Available: Fall semester and Spring semester Prerequisite: LNG 122 or placement through testing.

LNG 222. Intermediate Spanish II. 4 hours.

This course, the fourth in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of the Spanish language, and familiarity with daily life in countries whose primary language is Spanish. Successful completion of this course satisfies one of the graduation requirements for students in the Capital Scholars Program. Available: Fall semester and Spring semester Prerequisite: LNG 221 or placement through testing.

LNG 231. Intermediate German I. 4 hours.

This course, the third in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of the German language, and the discussion of cultural differences in countries whose primary language is German. Available: Fall semester Prerequisite: LNG 132 or placement through testing.

Modern Languages (LNG)

LNG 232. Intermediate German II. 4 hours.

This course, the fourth in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of the German language, and familiarity with daily life in countries whose primary language is German. Successful completion of this course satisfies one of the graduation requirements for students in the Capital Scholars Program. Available: Spring semester Prerequisite: LNG 231 or placement through testing.

LNG 241. Intermediate Chinese I. 4 hours.

This course, the third in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of Mandarin, as well as promoting sensitivity to cultural differences. Available: Fall semester Prerequisite: LNG 142 or placement through testing.

LNG 242. Intermediate Chinese II. 4 hours.

This course, the fourth in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of the Mandarin language, and the understanding of cultural differences. Successful completion of this course satisfies one of the graduation requirements for students in the Capital Scholars Program. Available: Spring semester Prerequisite: LNG 241 or placement through testing.

LNG 251. Intermediate Japanese I. 4 hours.

This course, the third in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of Japanese, as well as promoting sensitivity to cultural differences. Available: Fall semester Prerequisite: LNG 152 or placement through testing.

LNG 252. Intermediate Japanese II. 4 hours.

This course, the fourth in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of the Japanese language, and the understanding of cultural differences. Successful completion of this course satisfies one of the graduation requirements for students in the Capital Scholars Program. Available: Spring semester Prerequisite: LNG 251 or placement through testing.

LNG 261. Intermediate Russian I. 4 hours.

This course, the third in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of Russian, as well as promoting sensitivity to cultural differences. Available: Fall semester Prerequisite: LNG 162 or placement through testing.

LNG 262. Intermediate Russian II. 4 hours.

This course, the fourth in the sequence of four, continues the development of understanding, speaking, reading, and writing skills of the Russian language, and the understanding of cultural differences. Successful completion of this course satisfies one of the graduation requirements for students in the Capital Scholars Program. Available: Spring semester Prerequisite: LNG 261 or placement through testing.

LNG 295. Foreign Language Competency. 4 hours.

Credit by examination for students who demonstrate the ability to speak, read and write a language other than English at a level at or above the level necessary to pass a fourth semester language course similar to those offered by the UIS Modern Languages program. In the case of ancient languages in which spoken competency is not expected, or unwritten languages where reading and writing is not expected, the student's competency level must be at or above a fourth semester level of reading and writing, or speaking, respectively. Restricted to Capital Scholars students who have not previously received college credit for the language. Credit/No Credit grading only. Restricted to Capital Scholar students. Capital Scholars course.

Music Courses (MUS)

MUS 101. Music. 1 hour.

Study and practice of vocal ensemble literature and performance techniques. Preparation of materials for concert performance.

MUS 105. Instrumental Music Ensemble. 1 hour.

Study and practice of instrumental ensemble literature and performance techniques. Preparation of materials for concert performance.

MUS 151. ECCE: Arts and Identity: Japan and U.S. 3 hours.

Introduction to the arts of Japan and the United States. Explores relationships between the arts and the socio-cultural issues in these countries, including the importance of the arts in religious, political and popular rituals. Interdisciplinary focus is on points at which artistic traditions are related or have common themes. Course Information: Same as ART 151.

MUS 181. Introduction to Music Technology. 3 hours.

This course offers hands on experience with a broad variety of computer music software, and is open to students of all levels of knowledge and experience, supporting UIS' commitment to both traditional and nontraditional learners.

MUS 301. Vocal Music Ensemble. 1 TO 2 hours.

Study and practice of vocal ensemble literature and performance techniques. Preparation of materials for concert performance. May be repeated to a maximum of 10 hours.

MUS 305. Instrumental Music Ensemble. 1 TO 2 hours.

Study and practice of instrumental ensemble literature and performance techniques. Preparation of materials for concert performance. May be repeated to a maximum of 10 hours.

MUS 499. Tutorial. 1 TO 12 hours.

Independent Study. May be repeated to a maximum of 12 hours with approval. Prerequisite: Permission of instructor.

Philosophy (PHI)

PHI 100. Introduction to Philosophy. 3 hours.

This course introduces students to some of the basic issues, readings and methods of philosophy. We will cover such topics as right and wrong action, the nature and limits of human knowledge, the relation between mind and body, and the existence of God. Open to all undergraduates.

PHI 301. Critical Thinking. 4 hours.

Principles of logical analysis and argumentation, with special attention to common fallacies in informal reasoning, reasoning by analogy, and decision theory.

PHI 312. Philosophy and Animals. 3 hours.

A philosophical inquiry into the history of ideas about the nature, status, and role of animals. Reference will be made to complementary philosophical thinking about God, the nature of consciousness and humankind. Comparative religious and philosophical accounts of the status of animals will be considered.

PHI 315. Comparative Philosophy of Religion. 3 hours.

A survey of several topics in the philosophy of religion, such as arguments for the existence of God, religious experience, the problem of evil and religious pluralism. Topics examined are from a variety of religious perspectives: eastern and western, non-monotheistic and monotheistic. Primary source readings are used to raise a variety of philosophical issues.

PHI 411. Feminist Theories. 4 hours.

What would a good society be like? We will discuss a range of feminist theories with different views on the good society, including liberal, radical, socialist, post modern, and global feminisms. These theories offer different solutions to such social issues as the division of labor in the home and beyond, reproductive rights, and sexuality. Through the experience of the course, each student will work to develop his or her own view of a good society. Same as POS 433, SOA 408, and WMS 411. Prerequisite: WMS 301 is recommended but not required.

PHI 421. Ancient & Medieval Philosophy. 4 hours.

Familiarizes students with the ancient and medieval traditions which gave rise to present-day philosophy. It consists of four units: A. Presocratics and Plato; B. Aristotle; C. Roman Philosophy, including St. Augustine; D. Medieval Philosophy, including von Bingen, Maimonides, and Aquinas.

PHI 425. History of Modern Philosophy. 4 hours.

A survey, grounded in primary texts with secondary readings of western philosophical thought, from the Renaissance to the twentieth century. The course gives students background information in the history of modern philosophy necessary to understand contemporary philosophical debates.

PHI 432. Philosophy of Art. 2 OR 4 hours.

Nature and value of art, including such issues as: How is art distinguished from non-art? Can there be objective judgments about art? How is art related to science, religion, and politics? Survey of major philosophical writings about art in the Western tradition. Same as ART 471.

PHI 434. Aesthetics. 4 hours.

The course covers the major concepts and theories of analytic aesthetics, including beauty (the sensory beauty and the beauty of the abstract entities), aesthetic and artistic values, aesthetic experience, aesthetic attitude, aesthetic state of mind, and relations between aesthetics and art. Background in Philosophy or Art recommended but not required.

Philosophy (PHI)

PHI 436. Contemporary American Political Philosophy. 4 hours.

Focuses on four late 20th century political philosophies: liberalism, libertarianism, communitarianism, and conservatism. Considers left-wing vs right-wing approaches to social redistribution and individualistic vs. communitarian views of the person as the basis for political theories. Readings include selections from Rawls, Nozick, Walzer, Guttman, and Taylor. Same as POS 436.

PHI 440. Ethics. 2 hours.

This class gives students the background in analytical moral theory, covering issues as the sources of moral obligation, objectivism and relativism, intuitionism, utilitarianism, deontology and virtue. It is recommended to follow this class with PHI 441 or a class in Applied Ethics.

PHI 441. Moral Theory. 2 hours.

Familiarizes students with advanced analytical moral theory on the basis of contemporary readings, mostly anthologies. The issues include: internalism, externalism, impartiality and special obligations. Prerequisite: PHI 440.

PHI 447. Rationality and Moral Choice. 3 hours.

Ethics is the most rational strategy to be pursued by groups. In this class you learn basic strategies of collective action and the social capital theory as applied to business. The class allows for cooperation with online students from EU.

PHI 448. Moral Values in Political Philosophy. 4 hours.

An advanced inquiry into the connections between ethics and political philosophy, the structure of political theories, and various attempts to justify political principles through moral principles. This course is intended primarily for philosophy majors, but others may enroll.

PHI 452. Perspectives On Human Nature. 4 hours.

What it means to be human: consideration of classical philosophical and literary visions of human nature such as the Greek, Christian, Romantic, and Marxist, along with contemporary contributions of biological and social sciences.

PHI 453. Person, Identity, And Dignity. 4 hours.

Focuses on such questions as: What makes people different from other things in the world? What makes people identical with themselves over time? Do any moral considerations (questions of value) depend on our status as people? No prior familiarity with philosophy required. Combines elements of philosophical anthropology, moral philosophy, and philosophy of mind.

PHI 458. Classical Greek Wisdom. 4 hours.

Introduces students who have no background in philosophy to the views of such thinkers as Socrates, Plato, and Aristotle. These views are related to the cultural context of the ancient world as well as to current controversies in our own society. For example: Can morality be taught? Is there life after death? Is democracy the best form of government? Is happiness the greatest, or the only, valuable goal in life?

PHI 459. Europe in the 18th Century: the Enlightenment. 4 hours.

Cultural and intellectual history of the Enlightenment focusing on formative ideas of modernism (freedom, reason, equality) and movements in literature and the arts. Consideration of works by representative figures such as Hume, Kant, Rousseau, Smith, and Voltaire. Same as HIS 461.

Philosophy (PHI)

PHI 471. Philosophy of Science. 4 hours.

Introduces students to many of the philosophical issues involved in modern science. Topics include: What is science? What is the nature of scientific explanation? How are scientific hypotheses justified? Students also learn about social and moral implications of science and how major discoveries in physical and biological science pertain to creating the new image of the world.

PHI 472. Introduction to Metaphysics and Epistemology. 4 hours.

Explores a selection of topics from core analytic philosophy, both classical and contemporary, such as knowledge of the external world, the rationality of science, mental content, free will, and private languages.

PHI 480. Readings in the History of Philosophy. 4 hours.

Guided readings in a period of the history of philosophy or a particular philosophical tradition or figure. This course fulfills a general education requirement at UIS in the area of Humanities.

PHI 481. Philosophy of Language. 4 hours.

What is it for words to mean something? What is the connection between language and reality? We will survey the major topics in the philosophy of language, focusing primarily on the concept of meaning, and will read works by Frege, Russell, Quine, Kripke, and others. Prerequisite: PHI 453, PHI 495, or any of PHI 470 through PHI 489 (or instructor's permission).

PHI 495. Senior Seminar in Philosophy. 2 OR 4 hours.

This capstone class includes a two credit hour seminar (open to all students) and a two credit hour senior overview (for Philosophy majors) which includes a research paper. The seminar covers an advanced issue in analytic philosophy (selected by the program each semester). The overview for majors involves senior assessment. Those who write on a non-seminar topic complete a seminar examination. Non-majors take the seminar only, with examination. Graduate students will also write a seminar related paper.

PHI 499. Tutorial. 1 TO 12 hours.

May be repeated if topics vary.

PHI 535. Philosophy Of Education. 4 hours.

Major philosophical views of aims and processes of education. Considerations given to the educational ideas of such thinkers as Plato, Augustine, Rousseau, and Dewey, as well as to assumptions underlying current reform proposals. Same as EDL 535. Restricted to Graduate students.

PHI 537. Social Capital and Values. 4 hours.

Examines various definitions of social capital and the role it plays in business and politics. The class integrates topics in business ethics, strategy and political philosophy with a research component. Same as BUS 595, and POS 537. Restricted to Graduate students.

Political Studies (POS)

POS 171. ECCE: Comparative Political Cultures. 3 hours.

This introductory course in comparative politics provides an interdisciplinary examination of the formation, content, and impact of political culture on a nation's economic, legal, social, and political system. A wide variety of current and historical political cultures are examined.

POS 201. Introduction to the American Political System. 3 hours.

Designed to provide an introduction to the American political system for both majors and non-majors. Examines the role and function of governments in providing for a variety of public goods. In addition to examining the system's institutions and political behavior, special attention will be devoted to federalism and the role of the states. Same as LES 201.

POS 202. Introduction to the American Legal System. 3 hours.

Provides basic understanding of and introduction to the American Legal System including: the Illinois and federal courts systems and the concept of federalism. Emphasis on how the American legal system works, how it differs from other major legal systems, the basic elements of tort, contract, criminal and property law as well as basic criminal and civil procedure. Discussion will include current legal controversies. Course will require participation in off-campus field trips beyond scheduled class time. Same as LES 202.

POS 203. State of the State. 3 hours.

Introduction to the structure, operations and politics of state government in Illinois, examining the interplay of these factors in determining public policy on key issues facing the state.

POS 204. Comparative State Politics. 3 hours.

Introduction to American government comparing state governmental structures, politics, and state policies. Course covers state diversity, reform and renewal of state governments, and the impact of institutions.

POS 231. Isms and Ideologies. 3 hours.

Course focuses on the role of ideas in politics and assumes that ideas shape politics and history. It explores the prominent ideas and ideologies of the western world of the past several centuries and attempts to better understand our modern world through these prisms.

POS 270. Global Issues. 3 hours.

Global issues are problems that transcend national boundaries, cannot be resolved by countries acting separately, and require policy changes now because the problems are long-term. This course will look at four areas: security, economics, the environment, and human rights.

POS 301. Introduction to Political Studies. 4 hours.

Introduction to the discipline that focuses on the tools of understanding and their application to the major questions that define the study of politics. Emphasis is on questions such as: What is politics? How do we provide public goods? Why do we need governments? How do we resolve conflict? How do we get people to cooperate with each other? Applications will cover the breadth of world politics.

POS 325. Introduction to Political Philosophy. 3 hours.

Survey of the great thinkers who have raised the perennial normative questions of political philosophy: What is the nature of a good regime? What is politics? The course will begin with Plato and Aristotle and conclude with late 20th century theory.

POS 362. Political Activism. 3 hours.

This course examines the fundamentals of direct organizing and the strategic implications of using various organizing techniques. It covers effective and ineffective techniques that organizations use to gain specific change on the pressing issues as of the day.

Political Studies (POS)

POS 371. Introduction to Comparative Politics. 3 hours.

This course provides students with the basic concepts and theories of the field of comparative politics. Topics include: comparative systems and institutions, electoral politics, and democratic development.

POS 373. Introduction to International Relations. 3 hours.

This course provides students with the basic concepts and theories of the study of international relations. Topics include: the international system, the balance of power, and economic interdependence.

POS 402. Legislative Politics. 4 hours.

Legislative decision making in the state legislature and United States Congress. The law-making process as a system involving interplay of competing personalities, interests, and actors. Special attention to Illinois.

POS 404. African Americans and American Politics. 4 hours.

Examines political, economic, and social factors that affect African-American participation in national, state, and local politics. Same as AAS 432.

POS 405. Illinois Government and Politics. 4 hours.

Policy-making process as it operates in Illinois. Major topics include constitutional structure, political culture, role of parties and interest groups, initiation of public policy, legislative process, role of the governor, politics of the budgetary process, implementation of public policy. Same as PAR 405.

POS 406. The American Presidency. 4 hours.

Nature and scope of the American presidency -- both historically and analytically. Topical attention given to the views of the framers of the Constitution and to problems of presidential management, leadership, and prerogative.

POS 407. Urban Politics. 4 hours.

Structure, function, and politics of governmental entities in urban areas, with policy focus on issues and alternative methods of analysis. Attention given to small and large urban areas.

POS 408. American Political Behavior. 4 hours.

Examination of mass public opinion, electoral behavior, and participation in American politics. Special attention is given to the role of the mass media.

POS 409. Political Parties and Interest Groups. 4 hours.

Examination of interest groups and political parties in American politics. Special attention is given to the impact of mass media on contemporary political organizations.

POS 410. Public Policy Processes. 4 hours.

Designed to deepen students' understanding of public policy processes at the federal, state, and local levels. The first part of the course explores the dynamics of issue and agenda formation at the federal and state levels. The second part focuses on public policy implementation processes. Students conduct library and field research on existing intergovernmental policies and programs to trace the dynamics issue and policies and programs at the state and local levels.

POS 411. Political Leadership. 4 hours.

Examines the unique nature of leadership in the realm of politics and the public sector.

Political Studies (POS)

POS 415. The American Constitution and Constitutional Law. 4 hours.
The place of the Constitution and Supreme Court in American polity, using both empirical and case materials. Focus on structure and powers of national government, with special emphasis on the Supreme Court as a policy-making institution. Same as LES 415.

POS 416. The American Constitution and Civil Liberties. 4 hours.
Civil liberties and constitutional law, with examination of the Supreme Court's role in definition and development of civil liberties. Emphasis on the Bill of Rights and the Civil War amendments. Same as LES 416.

POS 417. Judicial Process. 4 hours.
Social science literature on judicial process in the United States. Major topics include legal culture, court structure, litigation, legal profession, trial and appellate courts, impact and compliance, and criticisms of the process. Same as LES 411.

POS 418. Jurisprudence. 4 hours.
An overview of the major legal theories about the nature of law and its place in the political system. Among the issues considered are the origin of law, its relationship with divine law, obligations of obedience and disobedience, and the relationship between political sovereignty and law. Same as LES 418.

POS 419. Environmental Law. 4 hours.
Surveys the major federal statutes and regulatory schemes relating to environmental quality and analyzes and compares the contrasting approaches to regulation that have been used. Focuses on the interaction of law and policy and considers the role of Congress, regulatory agencies, and the courts in defining and implementing environmental mandates. Same as ENS 419, LES 419, and MPH 419.

POS 420. National Security Issues and the U.S. Constitution. 4 hours.
Provides an historical and contemporary examination of the issues of U.S. constitutional law raised during times of heightened concern about national security.

POS 421. Law and Inequality. 4 hours.
The role of law and the legal system in creating, maintaining, and reducing inequality, with emphasis on race, class, and gender inequality in the United States. The relationship between law and the legal system and political/economic institutions and ideologies. Same as LES 404, SOA 425, and WMS 445. Prerequisite: POS 325.

POS 425. Democratic Theories. 4 hours.
Three theoretical perspectives on the distribution of power in society: democracy, pluralism, and elitism. Both normative (what ought to be) and empirical (what is) theoretical perspectives examined. Major focus on American society, but comparative materials included.

POS 426. Political Economy. 4 hours.
Analysis of competing theories and models of explanation in political science and economics as they comprise the basis for contemporary policy disputes and alternatives. Emphasis on the crisis tendencies/contradictions of the political economy of the United States and their impact on the rest of the international economic order. Same as ECO 426, and LAR 426.

POS 429. Political Ethics. 4 hours.
Examination of ethical relations in politics. Subjects considered include the requirements of practical judgment in legislative and administrative settings, ethically controversial issues in contemporary politics, and important ethical traditions in political life. Prerequisite: POS 325.

Political Studies (POS)

POS 431. Classical Political Philosophy. 4 hours.

Major theoretical treatments of injustice and justice in Western political tradition. Emphasis on Plato and Aristotle. Includes origins of political science and political philosophy and consideration of relevant historical contexts. Prerequisite: POS 325.

POS 432. Modern Political Philosophy. 4 hours.

Major theoretical treatments of injustice and justice in Western political tradition. Emphasis on political tradition from Machiavelli to Marx, with particular concern for development of American constitutionalism and Marxism. Prerequisite: POS 325.

POS 433. Feminist Theories. 4 hours.

A range of feminist political theories including liberal, radical, socialist, postmodern, and global feminisms which offer different solutions to social issues such as the division of labor in the home and beyond, reproductive rights, and sexuality. Same as PHI 411, SOA 408, and WMS 411. Prerequisite: WMS 301 is recommended but not required.

POS 435. American Political Philosophy. 4 hours.

Basic issues and themes of American political life from colonial times to the 20th century. Consideration given to such concepts as individualism, federalism, democracy, and pluralism and to such problems as the transformation of America from an agrarian confederacy to a great world power and the politics of race, region, and interest. Prerequisite: POS 325.

POS 436. Contemporary American Political Philosophy. 4 hours.

Focuses on four late 20th century political philosophies: liberalism, libertarianism, communitarianism, and conservatism. Considers left-wing vs right-wing approaches to social redistribution and individualistic vs. communitarian views of the person as the basis for political theories. Readings include selections from Rawls, Nozick, Walzer, Guttman, and Taylor. Same as PHI 436.

POS 451. Empirical Political Analysis. 4 hours.

Examines the empirical research process from conceptualization to data analysis and writing the research report. Particular emphasis will be given to research design and causal analysis. Empirical methods explored will include direct observation and survey research. Students will be expected to carry out an empirical research project and to write a paper on the research.

POS 470. Terrorism. 4 hours.

Examines terrorism as a political phenomenon. Includes controversies surrounding defining the concept, contributions of scholarly literature to an understanding of the causes of terrorism, legal and political factors influencing policy responses to terrorism, and assessments of the impact of responses to terrorism by nations and by the international community.

POS 471. Comparative Politics. 4 hours.

Analyzes and compares politics in developing and developed nations. Prerequisite: POS 371.

POS 472. The Law of Military Conflict. 4 hours.

Examines the legal and political issues raised by military conflict. Includes the origins of modern law governing military conflicts, the definition of combatants and noncombatants in a conflict and the specifications of the military's responsibilities to those two groups, and difficulties related to adjudicating specific cases.

POS 473. War and Peace. 4 hours.

Why war? How have political scientists attempted to explain the endemic nature of interstate violence? More recently, international relations have focused on explaining cooperation in world affairs: the "democratic peace" and economic interdependence. Prerequisite: POS 371.

Political Studies (POS)

POS 474. American Foreign Policy. 4 hours.

Analyzes postwar American foreign policy from the Cold War and after. Topics include American responses to Third World nationalism and revolution in South and Central America, Vietnam, and South Africa and the impact of domestic policy and "great power" role on foreign policy making. Prerequisite: POS 371.

POS 475. International Organizations and Integration. 4 hours.

Examines how nation states shape international organizations and are affected by them, in turn. Focus on the United Nations with consideration given to regional organizations. Prerequisite: POS 371.

POS 476. International Politics of the Middle East. 4 hours.

Examines the regional and global aspects of Middle East politics, with an emphasis on the Arab-Israeli dispute and the Persian Gulf area. Other topics include oil, the Islamic revival, and American policy toward the region. Prerequisite: POS 371.

POS 477. Russian Politics. 4 hours.

Explores the rise and fall of communism in the former Soviet Union. Special attention to the Gorbachev period, 1985-91. Focuses on post-communist politics in Russia and the other republics. Prerequisite: POS 371.

POS 479. African Politics. 4 hours.

Examines contemporary politics in sub-Saharan Africa, both internal and external factors that affect the prospects for democracy, economic, and human development.

POS 480. Topics In Political Studies. 4 hours.

Issues arising from current and important political phenomena. May be repeated if topics vary.

POS 499. Tutorial. 1 TO 4 hours.

May be repeated if topics vary.

POS 501. Introduction to the Graduate Study of Politics. 4 hours.

Overview of the major subfields, theories, thinkers, and issues in the advanced study of politics. Particular attention is paid to the logic of social science inquiry. The course is writing and reading intensive. Restricted to Graduate students.

POS 502. Methods Of Inquiry. 4 hours.

Covers quantitative and qualitative techniques for obtaining and organizing information. Lays a foundation for both academic and practical investigation questions that students will encounter throughout their careers in the field while conducting and evaluating research. Restricted to Graduate students.

POS 503. Graduate Research Methods. 4 hours.

Designed to help students become more effective and better informed consumers of quantitative and qualitative political and policy research. The first part of the course covers the use of various data-gathering techniques such as surveys, nonparticipant observational studies, participant observation, focus groups, and similar techniques. The second part covers topics relevant to the analysis of statistical data, including exploratory data analysis techniques, probability distributions, units and levels of measurement, hypothesis testing, measures of independence, associations, and correlation. Multivariate statistical techniques and models such as the General Linear Model will be briefly reviewed as time permits. Prerequisite: POS 451 or equivalent. Restricted to Graduate students.

Political Studies (POS)

POS 511. Seminar In American Politics. 4 hours.

Pre-eminent themes and basic literature in the field of American politics. Subjects may vary. Restricted to Graduate students.

POS 512. Seminar In State Politics. 4 hours.

Pre-eminent themes and basic literature in the field of American state politics. Subjects may vary. Restricted to Graduate students.

POS 513. Seminar in Politics and Law. 4 hours.

Pre-eminent themes and basic literature in the field of public law. Subjects may vary. Same as LES 513. Restricted to Graduate students.

POS 514. Seminar in Political Philosophy. 4 hours.

Pre-eminent themes and basic literature in the fields of political philosophy. Subjects may vary. Restricted to Graduate students.

POS 515. Seminar in International Relations. 4 hours.

Pre-eminent themes and basic literature in the field of international relations. Subjects may vary. Restricted to Graduate students.

POS 516. Seminar in Comparative Politics. 4 hours.

Pre-eminent themes and basic literature in the field of comparative politics. Subjects may vary. Restricted to Graduate students.

POS 517. Seminar On Congress. 4 hours.

Examines themes such as institutionalization and change in congressional representation and policy making. Subjects may vary. Restricted to Graduate students.

POS 518. Seminar On Public Policy. 4 hours.

Examines themes such as agenda formation and policy implementation in the public policy process. Subjects may vary. Restricted to Graduate students.

POS 520. Internship In Teaching Process. 4 hours.

Concentrated learning experience in college teaching. Students are placed with mentor teachers in local community colleges. Prerequisite: Permission of instructor. Credit/No Credit grading only. Restricted to Graduate students.

POS 521. Internship in the Electoral Process. 4 hours.

Concentrated learning experience in campaign management. Students are placed with program approved campaigns and party organizations. Prerequisite: Permission of instructor. Credit/No Credit grading only. Restricted to Graduate students.

POS 522. Internship in the Legislative Process. 4 hours.

Concentrated learning experience in the legislative process. Students are placed with program approved lobbying organizations, legislative liaisons, political consultants, and units of the Illinois General Assembly. Prerequisite: Permission of instructor. Credit/No Credit grading only. Restricted to Graduate students.

POS 523. Internship in the Executive Process. 4 hours.

Concentrated learning experience in executive and staff positions. Students are placed in agencies of the state of Illinois. Emphasis is on staff support of governmental and political leadership. Prerequisite: Permission of instructor. Credit/No Credit grading only. Restricted to Graduate students.

Political Studies (POS)

POS 524. Internship in International Policy. 4 hours.

Concentrated learning experience in international policy making at the state and regional levels. Students are placed in program approved agencies responsible for international programs and policies. Prerequisite: Permission of instructor. Credit/No Credit grading only. Restricted to Graduate students.

POS 525. ILSIP: Academic Seminar. 2 hours.

Literature on legislative process and behavior, theories of representation, legislative staffing, and Illinois government and politics. Restricted to students selected as Illinois legislative staff interns. Restricted to students selected as Illinois Legislative Staff Interns. Prerequisite: permission of instructor. Restricted to Graduate students.

POS 526. ILSIP: Internship. 1 TO 6 hours.

Restricted to students selected as Illinois Legislative Staff Interns. Prerequisite: Permission of instructor. Credit/No Credit grading only. May be repeated to a maximum of 6 hours. Restricted to Graduate students.

POS 537. Social Capital and Values. 4 hours.

Examines various definitions of social capital and the role it plays in business and politics. The class integrates topics in business ethics, strategy and political philosophy with a research component. Same as BUS 595, and PHI 537. Restricted to Graduate students.

POS 562. Practical Politics Seminar in Political Campaigns. 4 hours.

Examines the history, techniques, and trends in modern political campaigns from the practitioner's perspective. Explores what works and why and the implications for those seeking elected public office and for the health of the political system. Restricted to Graduate students.

POS 563. Practical Politics Seminar in Lobbying and Policy Analysis. 4 hours.

Examines the history, techniques, and trends in lobbying and applied policy analysis from the practitioner's perspective. Explores what works and why and the implications for those seeking to influence public policy and for the health of the political system. Restricted to Graduate students.

POS 575. Effective Public Affairs Writing. 4 hours.

Writing-intensive course examining a range of writing styles, structures and components used by public affairs practitioners and graduate students. Includes such topics as thesis statement literature review, fact sheet, policy memo and press release. Same as LES 575 and PAD 575. Restricted to Graduate students.

POS 580. Special Topics. 4 hours.

Intensive study of a research or theoretical problem in political science, political education, or practical politics. Subject matter and requirements for study and research are determined by the student and the supervising faculty member. May be repeated if topics vary. Prerequisite: POS 501 and one seminar (POS 511-518), or permission of instructor. Restricted to Graduate students.

POS 590. Closure Exercise. 4 hours.

Development and completion of a master's closure exercise in political studies. Four options are available: 1) group research project, 2) comprehensive examination, 3) master's project in practical politics, and 4) master's thesis. Except for the comprehensive examination, which must be completed in one semester, students may accrue the required four hours in increments.

NOTE: If the closure exercise is not completed by the end of the initial four-hour enrollment, students must register for POS 591 for zero credit hours (one billable hour) in all subsequent semesters until the exercise is completed. Prerequisite: Permission of instructor. Restricted to Graduate students.

Political Studies (POS)

POS 591. Closure Exercise Continuing Enrollment. 0 hours.
Refer to NOTE in course description for POS 590. May be repeated. Restricted to Graduate students.

POS 599. Graduate Tutorial. 1 TO 4 hours.
May be repeated if topics vary. Restricted to Graduate students.

Psychology (PSY)

PSY 201. Principles Of Psychology. 3 hours.

A survey of significant theory, issues, methods of inquiry, and applications in all areas of psychology.

PSY 301. Orientation and Entrance Assessment. 0 hours.

Brief orientation to the major and pre-curriculum evaluation of undergraduate-level knowledge and skills within the discipline of psychology. Required for all psychology majors during their first semester of upper-division enrollment. Credit/No Credit grading only. Prerequisite: PSY 201 or equivalent.

PSY 302. Research Methods In Psychology. 4 hours.

The experimental method in psychology, including philosophical background and introduction to research strategies, designs, and descriptive statistics. Prerequisite: PSY 201 or equivalent.

PSY 303. Statistics for the Behavioral Sciences. 4 hours.

Study of descriptive or differential statistics, research strategies, and design. Special emphasis placed on student research project. (Strongly recommended for students planning to pursue graduate study.) Prerequisite: PSY 201 and PSY 302 or equivalent. Must have completed all math general education requirements, PSY 201, and PSY 302, or equivalent. Requires Departmental Approval

PSY 310. Special Topics in Experimental Psychology. 4 hours.

Selected topics of special interest in the area of psychology at a 300 level that may vary from semester to semester. Prerequisite: PSY 201 or equivalent. May be repeated if topics vary.

PSY 312. Psychology of Learning and Memory. 4 hours.

Explores the question of how humans and animals learn, store and recall information. Major theories of memory will be covered with an emphasis on cognitive models of memory systems, biological underpinnings, and disorders of memory. Designated Writing Course. Prerequisites: PSY 201 and PSY 302, or equivalent (for majors and minors only).

PSY 313. Critical Thinking. 4 hours.

Reading and exercises designed to improve skills in critical thinking. Emphasizes intensive practice and individualized feedback rather than theory. Designated Writing Course. Prerequisite: PSY 201 or equivalent.

PSY 315. Psychoactive Drugs. 4 hours.

Major classes of drugs that affect psychological processes and behavior; issues of drug use in treatment of mental disorders; drugs as a social problem. Designated Writing Course. Prerequisites: PSY 201 or equivalent.

PSY 321. Life-span Developmental Psychology. 4 hours.

Cognitive, emotional, and social development across the life span; determinants of individual differences and principles of mental and physical health throughout life. Designated Writing Course. Prerequisite: PSY 201 or equivalent.

PSY 322. Child Development. 4 hours.

Development of intelligence, language, and cognition; physical growth and social and personal development in newborns, infants, and toddlers and in early and middle childhood. Emphasis on child-rearing practices. Designated Writing Course. Prerequisite: PSY 201 or equivalent.

Psychology (PSY)

PSY 323. Adolescence. 4 hours.

Psychological, social, and biological development (including medical problems) in the years covering early, middle, and late adolescence. Influence of milieu (family, peers, school, church, work) on cognitive, emotional, and social development. Special emphasis will be placed on the role of adults (parents, teachers) in assessing and referring adolescents to health and social services. Designated Writing Course. Prerequisite: PSY 201 or equivalent.

PSY 324. Exceptional Child. 4 hours.

Behaviors and conditions that make a child different from most other children, including all conditions addressed by Public Law 94-142. Topics include mental retardation; learning disabilities; behavior disorders; giftedness; and hearing, vision, and speech impairments. Designated Writing Course. Prerequisite: PSY 201 or equivalent.

PSY 326. Family Psychology. 4 hours.

Covers the five primary aspects of family psychology: family as a system; developmental family behavior; family of origin concepts and how they affect the family; relationships, dating, courtships, and marriage; and family dysfunctions. Designated Writing Course. Prerequisite: PSY 201 or equivalent.

PSY 327. Educational Psychology. 4 hours.

Topics in psychology relevant to teaching: educational objectives, student characteristics and development, the learning process, and evaluation of learning. Designated Writing Course. Prerequisite: PSY 201 or equivalent.

PSY 331. Social Psychology. 4 hours.

Survey of major theories and selected areas of research in social psychology. Prerequisite: PSY 201 or equivalent. For Psychology majors and Psychology minors only.

PSY 332. Sport Psychology. 4 hours.

Overview of psychological theory and research as it relates to sport and exercise at the individual and group levels. Prerequisite: PSY 201 or equivalent.

PSY 338. Psychological Aspects of Diversity. 4 hours.

Overview of selected aspects of human diversity relevant to American psychology. Examines historical and contemporary psychological perspectives on race, ethnicity, gender, and sexual orientation, as well as factors linked to stereotyping, cultural bias, and prejudice. Special emphasis placed on a critical review of past psychological research and formulation of new research questions. Designated Writing Course. Prerequisite: PSY 201 or equivalent.

PSY 342. Consciousness. 4 hours.

Theories of consciousness; consciousness-altering techniques, with emphasis on procedures to uncover unconscious material; meditation; hypnosis; biofeedback; sensory deprivation; dreams; and drugs. Designated Writing Course. Prerequisite: PSY 201 or equivalent.

PSY 351. Abnormal Psychology. 4 hours.

Theories, research, and classification systems relevant to abnormal behavior. Emphasis on current diagnostic and descriptive systems. Designated Writing Course. Prerequisite: PSY 201 or equivalent. For Psychology majors and Psychology minors only.

PSY 410. Advanced Topics in Psychology. 4 hours.

Selected topics of special interest in the area of psychology, at the 400 level, that may vary from semester to semester. May be repeated if topics vary. Students may register in more than one section per term. Prerequisite: PSY 201 and PSY 302 or equivalent.

Psychology (PSY)

PSY 411. Cognitive Psychology. 4 hours.

Overview of selected topics in memory, information processing, perception, problem solving, and artificial intelligence. Prerequisite: PSY 201 and PSY 302 or equivalent. For Psychology majors and Psychology minors only.

PSY 412. Introduction To Biopsychology. 4 hours.

Basic structure and functions of the nervous system: neuron physiology, sensory processing, and physiological regulations. Prerequisite: PSY 201 and PSY 302 or equivalent (for majors and minors only).

PSY 416. Psychology Of Motivation. 4 hours.

Explores four constructs that define human, rather than nonhuman, motivation including needs, cognitions, emotions, and external events that arise from genetic, physiological, psychological, interpersonal, and cultural sources. The emphasis is on theoretical as well as practical issues that overlap among varying psychological fields. Prerequisite: PSY 201 and PSY 302 or equivalent (for majors and minors only).

PSY 441. Theories of Personality. 4 hours.

Major theories of personality and determinants of individual differences. Designated Writing Course. Prerequisite: PSY 201 or equivalent.

PSY 444. Psychology Of Spirituality. 4 hours.

Introduction to the transpersonal perspective as the "fourth force" in psychology. Focuses on the dominant transpersonal theory of psychospiritual development and on the role of meditative approaches to knowledge-gathering in relation to science and philosophy. Prerequisite: PSY 201 and PSY 302 or equivalent.

PSY 450. Advanced Topics in Clinical/Counseling Psychology. 4 hours.

Selected topics of special interest in the area of clinical psychology that may vary from semester to semester. May be repeated if topics vary. Students may register in more than one section per term.

PSY 452. Introduction to Clinical Psychology. 4 hours.

Systematic examination of major psychotherapeutic techniques essential to human relationships and helping processes. Designated Writing Course. Prerequisite: PSY 201, PSY 302, and PSY 351 or equivalent.

PSY 453. Psychological Foundations for Helping. 4 hours.

Preprofessional introduction to therapeutic processes for students considering counseling or clinical psychology careers. Includes systematic training in fundamental helping attitudes and skills. Prerequisite: PSY 201, PSY 302, PSY 351 and PSY 441 or equivalent.

PSY 454. Theories of Psychotherapy. 4 hours.

Systematic examination of the theories, research, and diagnostic and treatment issues regarding various types of abnormal behavior. Prerequisite: PSY 201, PSY 302, and PSY 351 or equivalent. Restricted to Psychology.

PSY 457. Behavior Modification: Principles and Techniques. 4 hours.

Concepts and techniques involved in the assessment and modification of behavior within an operant conditioning model. Includes the collection of baseline data, the control of reinforcements and punishments, and the monitoring of changes in target behaviors. Prerequisite: PSY 201 and PSY 302 or equivalent.

Psychology (PSY)

PSY 458. Psychological Tests and Measurements. 4 hours.

Basic theories of psychological tests and of test construction and interpretation. Includes representative tests and examines contemporary issues in testing. Prerequisite: PSY 201 and PSY 302 or equivalent.

PSY 466. Working with Victims of Sexual Assault and Abuse. 2 hours.

Provides the "40 hour training" required of all professionals and volunteers interested in working for agencies that deal with victims of sexual assault and abuse. Includes information and training in counseling, advocacy, and hotline skills. Credit/No Credit grading only. Prerequisite: PSY 201 or equivalent.

PSY 467. Specialized Applied Study Seminar. 1 TO 2 hours.

Seminar for psychology majors who wish to complete more intensive applied study placements in a mental health, social service, child care, or law enforcement agency for university credit. Requires program approval, concurrent enrollment in AST 300 Applied Study during each semester of placement activities, and 160 hours of on-site work for every four hours of combined AST 300/PSY467 course credit. Applications for specialized placement should be filed with the program no later than two months prior to placement semester. Up to 8 credit hours of combined AST 300/PSY 467 credit may be used to fulfill upper-division UIS requirements. Credit/No Credit grading only. May be repeated to a maximum of 6 hours. Prerequisite: PSY 201 or equivalent and Psychology major with at least 12 upper-division hours in psychology at UIS and permission of instructor. Restricted to Psychology. Must enroll concurrently in AST 300. Restricted to Psychology. Must enroll concurrently in AST 300.

PSY 471. Senior Seminar. 4 hours.

An integrative capstone experience for psychology majors involving the development of individual portfolios reflecting student learning within the discipline. Students will prepare evidence of learning within five dimensions of psychology and will complete the psychology exit exam. Prerequisites: PSY 201 and PSY 302, all required concentration courses, and senior status. Restricted to Psychology. Restricted to students with Senior standing.

PSY 480. Senior Research Project. 1 TO 4 hours.

Selected (empirical) research project researched, developed, designed, and written by the student with faculty supervision. May be repeated to a maximum of 4 hours with approval. Prerequisites: PSY 201, PSY 302 and PSY 303. Restricted to Psychology. Restricted to Psychology.

PSY 490. Independent Study in Psychology. 2 TO 4 hours.

Selected topics by agreement with a member of the psychology faculty; topics, methods of study, and means of evaluation to be negotiated between student and faculty member. May be repeated if topics vary. Students may register in more than one section per term. Prerequisites: PSY 201 and PSY 302 or equivalent. Restricted to Psychology. A maximum of 4 hours may be used for psychology electives.

PSY 499. Tutorial. 1 TO 12 hours.

May be repeated to a maximum of 12 hours if topics vary. Students may register in more than one section per term. Prerequisites: PSY 201 and PSY 302 or equivalent. Restricted to Psychology. A maximum of 4 hours may be used for psychology electives.

PSY 599. Tutorial. 1 TO 12 hours.

May be repeated to a maximum of 12 hours if topics vary. Students may register in more than one section per term. Restricted to Graduate students. Prerequisites: PSY 201 and PSY 302 or equivalent. Restricted to Psychology. Restricted to Psychology. Restricted to Graduate students.

Public Administration (PAD)

PAD 411. Contract Administration. 4 hours.

Contract administration with emphasis on interpretation, application, and impasse resolution techniques of grievance procedures, mediation, and arbitration. Same as LAR 464.

PAD 421. Auditing Concepts and Responsibilities. 4 hours.

Role of the attest function in society and knowledge of concepts and techniques underlying the audit process. Includes historical evolution of the attest function and its application to financial statement auditing, internal auditing, compliance auditing, and operational auditing. Same as ACC 464. Prerequisite: ACC 321, or consent of instructor.

PAD 431. Operations Research Methods. 4 hours.

Quantitative methods necessary for analysis, modeling, and decision making. Topics include linear programming, transportation model, network models, programming, decision theory, games theory, PERT-CPM, inventory models, and queuing theory. Additional topics may be chosen from integer linear programming, system simulation, and nonlinear programming. Same as MAT 444. Prerequisite: MAT 332. or permission of instructor.

PAD 448. Legal Aspects of Nonprofit Organization Management. 2 hours.

Provides a comprehensive overview of the legal problems typically faced by nonprofit organizations. Topics include organization structure, taxation, copyright, employee relations, contracts, lobbying, and liability exposures of board and staff. Same as LES 486.

PAD 451. Judicial Administration. 4 hours.

Basic concepts and critical issues in judicial administration. Emphasis on Illinois court system structure and functions in comparison with national standards and other court systems. Topics include case-flow management, jury management, records management, personnel administration, judicial rule making, budgeting, planning, and research. Same as LES 421.

PAD 452. Nondiscrimination Laws in Employment. 4 hours.

Development and implementation of nondiscrimination laws in employment, including hiring, firing, promotion, terms and conditions, benefits, and pay. Focus on protective labor laws, veteran preference, harassment, and due process requirements in employment. Same as LES 449, and WMS 449.

PAD 461. Graduate Public Service Internship Seminar in Organization Environment in the Public Service. 1 hour.

Provides exposure to the organizational-bureaucratic environment within the context of the internship experience. Restricted to GPSI students only.

PAD 462. Graduate Public Service Internship Seminar in Conflict Management and Interpersonal Skills. 1 hour.

Examine the phenomenon of conflict in systems and between individuals and differentiate between conflict that is resolvable and conflict that must be managed. Students introduced to styles of conflict and encouraged to examine their preferred style. Sources of conflict such as competition, value collision and variable discounting strategies are examined. Restricted to GPSI students only.

PAD 463. Graduate Public Service Internship Seminar in Career Development. 1 hour.

Provide career development skills including professional development, skills assessment, employment outlook, and job search strategies. Restricted to GPSI students only.

Public Administration (PAD)

PAD 464. Graduate Public Service Internship Seminar in Facilitation and Presentation Skills. 1 hour.

Apply key processes and skills in group facilitation while learning how to organize and deliver presentations using effective techniques and presentation technology. Facilitation skills discussion grounded in theories of groups, including problem-solving, learning and social conflicts in groups. Restricted to GPSI students only.

PAD 465. Public Sector Labor Relations Seminar. 4 hours.

Study of behavioral, legal, social, political, and institutional forces that affect dynamics of labor relations in public employment.

PAD 467. Labor Arbitration. 4 hours.

Philosophy and practice of labor arbitration in the unionized private and public work settings. Students develop skills in arbitration practices, research methods, decision making, rules and procedures, selection of arbitrators, and construction and presentation of cases in simulated arbitration proceedings. Same as LAR 467, and LES 467.

PAD 480. Public Administration Internship Seminar. 1 TO 4 hours.

Analysis of internship experience. Prerequisite: Permission of instructor. May be repeated to a maximum of 4 hours if topics vary.

PAD 501. Introduction to the Profession. 4 hours.

Analyzes fundamental issues of professionalization facing M.P.A. practitioners in the occupational field. Prerequisite: Introductory course in U.S. Government. Restricted to Graduate students.

PAD 502. Organization Dynamics. 4 hours.

Structure and function of public organizations as socio-technical systems and of related individual, group, and leadership processes. Topics include leadership, decision making, group dynamics, motivation, job satisfaction, authority, power, organizational change, communication, conflict, and organization structure and design. Restricted to Graduate students.

PAD 503. Analytical Tools. 4 hours.

Course may be available online. Refer to the current course schedule for further information. Analytical tools required by professional public administrators. Topics include research design, analytical decision-making tools, analysis of variance, factorial analysis of variance and multiple regression analysis. Prerequisite: An approved statistics course completed within five years of the first term of enrollment in MPA program, covering descriptive statistics, probability, correlation and regression analysis, and experience with statistics software. Restricted to Graduate students.

PAD 504. Budget And Finance. 4 hours.

Budgetary decision making in governmental units. Political, economic, and administrative aspects of budgeting are examined. Analysis of budget innovations, such as the PPB system and zero-base budgeting. Prerequisite: Lower-division courses in American Government, computer spreadsheet applications, and microeconomics, or equivalents. Restricted to Graduate students.

PAD 505. Human Resource Management. 4 hours.

Personnel administration in the public sector and administrative problems raised by this important management responsibility. Evaluation of administrative, political, and legal factors affecting management's ability to deal with organization/employee relationships. Restricted to Graduate students.

Public Administration (PAD)

PAD 509. Workplace Democracy. 4 hours.

Origins and recent developments in theory and practices of workplace democracy, both in the United States and in other countries. Exploration of such concepts as worker control, work self-management, and economic democracy. Restricted to Graduate students.

PAD 511. Collective Bargaining. 4 hours.

Development and nature of employee organizations, collective bargaining, and public policies on labor relations in the public sector -- federal, state, and local. Analysis of contemporary bargaining relations, procedures, problems, and consequences. Restricted to Graduate students.

PAD 512. Advanced Human Resources Management. 4 hours.

Collective consideration of values perspective organized around personnel functions carried out by complex organizations challenged by constraints of competing personnel systems. Course topical interests include classic readings in the history of federal civil service development and current reform; nonprofit organization human resources management; constitutional competence development; and, introduction of qualitative and quantitative analysis in human resources management research. Independent and critical analysis of current trends and issues. Restricted to graduate students. Restricted to students with Graduate standing.

PAD 524. Capital Budgeting. 4 hours.

Overview of how public sector entities finance long-term projects. Includes measurement of governmental debt capacity by tracking trends in major fiscal indicators, such as per capita debt and debt as a percent of general revenue. Other topics include the role of rating agencies in capital expenditure decisions determining yields to maturity and internal rates of return, cost benefit analysis, and recent innovations in bond financing. Prerequisite: PAD 503 and PAD 504, or permission of instructor. Restricted to Graduate students.

PAD 531. Public Policy Analysis. 4 hours.

Functions of policy analysis in political decision making, including bases for judgment, impact on bargaining, analytical limitations, and other issues in design and implementation of policy studies. Restricted to Graduate students.

PAD 533. Program Evaluation. 4 hours.

Goals, methods, and techniques of program evaluation in public agencies and implications of program evaluation findings for legislative and executive program planning and implementation. Each student is required to design an evaluation of an organizational program. Prerequisite: PAD 503, or permission of instructor. Restricted to Graduate students.

PAD 534. Program Implementation. 4 hours.

Advanced graduate seminar focusing on ways state, local, and national administrative units carry out governmental policies/programs. Provides particular attention to the processes through which policy intent is translated into program performance and service delivery. Examines barriers to effective implementation of policy initiatives. Also examines ways public administrators and managers can be more effective in the implementation of public policy decisions. Restricted to Graduate students.

PAD 543. Marketing for Public and Nonprofit Organizations. 4 hours.

Applies marketing concepts and methodologies to planning and delivery of public and nonprofit services. Requirements include preparation and presentation of a marketing plan for a public or nonprofit organization. MPA majors who have not been formally admitted to the CAM concentration may only count successful completion of this course as a non-PAD professional development activity. Restricted to Graduate students.

Public Administration (PAD)

PAD 544. Fund Raising for Public and Nonprofit Organizations. 4 hours.

Fund-raising and resource development for public and nonprofit organizations, including proposal/grant research and writing, grants management, annual and capital campaign development, special events, planned giving, and fund-raising software. MPA majors who have not been formally admitted to the CAM concentration may only count successful completion of this course as a non-PAD professional development activity. Restricted to Graduate students.

PAD 546. Arts Administration Seminar. 4 hours.

Provides grounding in arts management issues and concerns. Topics include definition of arts and culture, history of arts management, community context of arts management, cultural diversity, cultural equity, cultural planning, programming, censorship, arts and education, role of arts in community development, arts service organizations, and professional development. MPA majors who have not been formally admitted to the CAM concentration may only count successful completion of this course as a non-PAD professional development activity. Restricted to Graduate students.

PAD 547. Public Policy And The Arts. 4 hours.

Analysis of the formation, development, implementation, and evaluation of public policies for the arts at the national, state, and local level. The focus is on the United States, although cultural policies of other countries are also examined. MPA majors who have not been formally admitted to the CAM concentration may only count successful completion of this course as a non-PAD professional development activity. Restricted to Graduate students.

PAD 548. Arts Management Internship(s). 1 OR 2 hours.

May be taken as one two-hour course or two one-hour courses. Provides an experiential learning opportunity with a professional public or nonprofit cultural organization. Clear learning objectives for the internship are defined, monitored, and reported. MPA majors who have not been formally admitted to the CAM concentration may only count successful completion of this course as a non-PAD professional development activity. May be repeated to a maximum of 2 hours. Restricted to Graduate students.

PAD 551. Administrative Law. 4 hours.

Legal foundation of administrative powers and limitations; study of delegation of administrative power, administrative discretion, legislative and executive controls, and legal restraints; types of administrative action and enforcement, administrative remedies, and judicial review of administrative action. Same as LES 551. Restricted to Graduate students.

PAD 571. Capstone Seminar. 4 hours.

Based on common readings drawn from one broad field or approach to public administration. Integrates academic research with issues faced by practicing professionals. Major paper and formal oral presentation required. Course meets program and campus requirements for master's degree closure. NOTE: If the course requirements are not completed during the four-hour enrollment, students must register for PAD 572 for zero credit hours (one billable hour) in all subsequent semesters until the requirements are completed. Prerequisite: Open only to fully admitted M.P.A. majors who have completed program core and foundation coursework prior to registration. Restricted to Graduate students.

PAD 572. Capstone Seminar Continuing Enrollment. 0 hours.

Refer to NOTE in course description for PAD 571 May be repeated. Restricted to Graduate students.

PAD 573. Thesis. 1 TO 8 hours.

Credit awarded upon acceptance of thesis. NOTE: If the thesis is not completed by the initial time eight hours are accumulated in continuing enrollment, the students must register for PAD 574 for zero credit hours (one billable hour) in all subsequent semesters until the thesis is completed. May be repeated to a maximum of 8 hours. Restricted to Graduate students.

Public Administration (PAD)

PAD 574. Thesis Continuing Enrollment. 0 hours.
Refer to NOTE in course description for PAD 573. May be repeated. Restricted to Graduate students.

PAD 575. Effective Public Affairs Writing. 4 hours.
Writing-intensive course examining a range of writing styles, structures and components used by public affairs practitioners and graduate students. Includes such topics as thesis statement literature review, fact sheet, policy memo and press release. Same as LES 575 and POS 575. Restricted to Graduate students.

PAD 590. Topics in Public Administration. 2 OR 4 hours.
Selected topics announced when offered. May be repeated if topics vary. Restricted to Graduate students.

PAD 599. Tutorial in Public Administration. 1 TO 12 hours.
Internship Seminars May be repeated to a maximum of 12 hours if topics vary. Restricted to Graduate students.

PAD 601. Advanced Seminar in Public Administration Theory and Organizational Analysis. 4 hours.
Exploration of the intellectual and theoretical foundations, historical contexts, and contemporary arguments about public administration as both a field of practice and an academic discipline. Intensive readings in original works in the foundation of the field and relevant collateral fields equip the student to analyze the assumptions underlying and framing public administration as well as the current discussions of scholarship in the field and the theoretical underpinnings of government leadership. Prerequisite: A graduate-level course on the American political system or a graduate degree in public administration, political studies, or the equivalent. Restricted to Doctoral - Springfield.

PAD 602. Advanced Seminar in Organizational Behavior in Public Systems. 4 hours.
Organizing processes; the connections and interactions between elements and parts of organizations; diagnosing organization problems and managing change; leadership behavior and effectiveness; expectations and values; job satisfaction and individual performance; organizational culture; and norms and values. Restricted to Doctoral - Springfield.

PAD 603. Advanced Seminar in Financial Management and Fiscal Policy. 4 hours.
Historic development and trends in public revenues and expenditures; political, economic, and administrative significance of decisions in the field of public financial management; the limitations of financial policy as a mechanism of social policy and management control. Prerequisite: PAD 504, or equivalent, and a one-semester undergraduate or graduate course in economics, preferably microeconomics. Restricted to Doctoral - Springfield.

PAD 604. Advanced Seminar in Public Policy Processes and Analysis. 4 hours.
Critical analysis of the policy field; integration of quantitative, normative, organizational, and political considerations in policy formulation; policy research; analytic frameworks in diverse substantive policy areas; ethics and values. Prerequisite: PAD 531 or POS 518, or equivalent and a one-semester undergraduate or graduate course in economics, preferably microeconomics. Restricted to Doctoral - Springfield.

PAD 605. Administrative Ethics and Public Service. 4 hours.
Overview of research and theory development about ethical issues in the management of government services; utilitarian, deontological, and moral considerations of ethical controversies; normative traditions of public administration ethics; practical solutions and applied and empirical research about questions of government ethics. Restricted to Doctoral - Springfield.

Public Administration (PAD)

PAD 611. Advanced Seminar in Quantitative Methods. 4 hours.

Advanced multivariate techniques, including multiple regression; path analysis; multiple classification analysis; analysis of variance models; and forecasting models. Prerequisites: PAD 503, POS 503, or equivalent, and proficiency in elementary multivariate statistics and data analysis techniques. Restricted to Doctoral - Springfield.

PAD 612. Advanced Seminar in Qualitative Methods. 4 hours.

Development of the methods necessary for public administration qualitative research, focusing on interviewing, case studies, data collection and analysis, and preparing written research documents. Recent literature on the theoretical and ethical aspects of qualitative methods will be covered. Prerequisite: PAD 503, POS 503, or equivalent. Restricted to Doctoral - Springfield.

PAD 613. Advanced Seminar in Research Methods. 4 hours.

Exploration of the role of scientific explanatory research and prescriptive research in the action-oriented field of public administration is explored. Critiques of current research in the field help identify the choices regarding theories, methods, and techniques of the research process. Seminar readings on advanced quantitative and qualitative methods will contribute to the formulation of a research project to be carried out during the semester. Prerequisites: PAD 611 and PAD 612. Restricted to Doctoral - Springfield.

PAD 622. Advanced Seminar in Human Resources Management. 4 hours.

Advanced topics in personnel administration, labor relations, and organization/employee relations. The course stresses the differences in the application of human resource concepts and differences in theories and practices between nonprofit and public sectors. Written analyses and presentations are required. Restricted to Doctoral - Springfield.

PAD 623. Nonprofit History and Philanthropy. 4 hours.

Examines the origins of the nonprofit sector and its development in the 21st century, including the role of philanthropy. The use of the historical perspective in research on current nonprofit administration and policy issues is highlighted. Written analyses and presentations are required. Restricted to Doctoral - Springfield.

PAD 625. Nonprofit Leadership. 4 hours.

Research on the historical, legal, and societal perspectives on leadership of a mission-based nonprofit sector organization is explored. Course readings and assignments will contribute to the formulation of an action-oriented research project to be carried out during the semester. Restricted to Doctoral - Springfield.

PAD 632. Legislative and Administrative Politics. 4 hours.

Examines the political and legislative heritage of public administration at the state level with special emphasis on normative traditions and public service delivery systems; interest groups, patronage, and policy decisions; applied and empirical research on legislative and administrative systems with emphasis on comparing state systems. Restricted to Doctoral - Springfield.

PAD 633. Special Topics. 4 hours.

Topics will vary according to pertinent issues of interest to faculty or students. May be repeated if topics vary. Restricted to Doctoral - Springfield.

PAD 687. Dissertation Proposal Preparation Seminar. 2 TO 4 hours.

Required course designed to assist students with the preparation of dissertation proposals. Credit/No Credit grading only. May be repeated to a maximum of 4 hours. Restricted to Doctoral - Springfield.

Public Administration (PAD)

PAD 690. Dissertation. 1 TO 12 hours.

Research and writing of the doctoral dissertation. PAD 690 is repeated until the dissertation is completed, defended, and approved by the dissertation committee. A minimum of 12 hours required; a maximum of 27 hours may be applied toward the degree. NOTE: If the thesis is not completed by the time 27 hours are accrued in continuing enrollment, students must register for PAD 691 for zero credit hours (one billable hour) in all subsequent semesters until the dissertation is completed, defended, and accepted. Credit/No Credit grading only. May be repeated to a maximum of 12 hours. Prerequisite: Satisfactory completion of qualifying examination and PAD 687. Restricted to Doctoral - Springfield.

PAD 691. Dissertation Continuing Enrollment. 0 hours.

Refer to NOTE in course description for PAD 690. May be repeated. Restricted to Public Administration. Restricted to Doctoral - Springfield.

PAD 699. Independent Study/Tutorial. 1 TO 8 hours.

May be repeated if topics vary. Restricted to Doctoral - Springfield.

Public Affairs Colloquia Courses (PAC)

PAC 402. Health, Illness And Society. 4 hours.

Reflects on the social dimensions of health and illness including the relationships between socio-economic status and physical and mental health, morbidity, disability, and mortality outcomes over a lifetime, and how these in turn impact socio-economic status. Explores cross-cultural understanding of the human experience and the relationship between culture, health, and illness.

PAC 403. Emerging Diseases. 4 hours.

Examines the factors responsible for the emergence of previously unknown infectious diseases and the re-emergence of diseases thought to be controlled. This course is designed to provide non-scientists with up-to-date and accurate information regarding these afflictions.

PAC 404. Sexual Orientation and Public Policy: When Worlds Collide. 4 hours.

Explores public policy issues at the national, state, and local level that impact on the gay, lesbian, bisexual, and trans-gendered community, their friends and families. Requires an open mind.

PAC 405. The Constitution: That Delicate Balance. 4 hours.

Explores timeless issues in constitutional rights, public policy, governmental structure, and civil liberties. Topics include conflicts between President and Congress, the electoral process, fair trial and due process, insanity defense, campaign spending, freedom of speech and press, school prayer, gun control, peaceful assembly, right to live and die, immigration, and equality of opportunity. Each topic features a panel moderator and nationally prominent guests as respondents.

PAC 406. Dealing With Diversity. 4 hours.

Based on the premise that the more we understand, the less we fear, this course introduces students to people from diverse populations. Concepts of race, class, age, gender, sexual orientation, global and demographic trends, and immigration policy are also covered.

PAC 407. Geopolitics: Geographic Aspects of International Affairs. 4 hours.

Examines strategic geopolitical issues; problems relating to food, natural resources, population change, and technological development will be evaluated regarding international development. Addresses global issues from a geographic perspective. Same as ENS 461.

PAC 408. Addiction. 4 hours.

Examines the relationship between addiction and rationality. Presents an interdisciplinary approach; explores treatment and regulatory policies to prevent and treat addiction in the U.S.

PAC 410. Election Reform. 4 hours.

An overview of the election process, paying particular attention to the Illinois electoral landscape. Also examines significant public policy issues and questions regarding political participation and reform efforts.

PAC 411. Women and Work. 4 hours.

Explores how sexism, racism, and class affect women in their work. Topics will include wage and home labor, the double work day, wage and salary discrimination, comparable worth, occupational segregation, sexual harassment, and other issues facing working women.

Public Affairs Colloquia Courses (PAC)

PAC 415. Chemicals And The Citizen. 4 hours.

Provides the basic concepts and vocabulary to understand many of the hot environmental issues related to chemicals in our environment. Introduces public health and policy issues as well as technical aspects related to the broad topic of chemicals in the environment. A course about chemical issues, not chemistry, this course is designed to provide non-chemists with a basis for understanding contemporary issues such as safety testing of chemicals, air and water quality, and disposal of hazardous chemicals. Same as ENS 450.

PAC 416. Health Policy and the Tobacco Settlement. 4 hours.

Examines policy development in health, the political and economic factors that generate policy issues, and forces that constrain the decision-making process. A specific aim of the course is the exploration and understanding of the political and economic ramifications of the tobacco settlement.

PAC 417. Violent Behavior. 4 hours.

Presents current research on the development of violent behavior including variables of biology, culture, and personality. Includes case histories and background information of convicted murderers, characteristics of so-called conduct-disoriented children, and approaches to treating violent behavior problems that have achieved some measure of prevention.

PAC 418. Disability & Film: How Hollywood Influences Public Perception & Public Policy. 4 hours.

The majority of Americans "know" people with disabilities through Hollywood's construction of disability in the movies. Examines how the portrayal of disabilities in films changed throughout the 20th century and influenced our society and, ultimately, public policy.

PAC 419. Campaign Finance Reform. 4 hours.

Examines the role of money in political campaigns today, with particular emphasis on campaigns for federal office. An intensive review of current proposals for reform will be included, assessing the impact of these reforms on presidential and congressional campaigns.

PAC 420. Non-Violence. 4 hours.

Conceptualization; foundations in ancient and modern thought; philosophy and strategy of non-violent resistance; Gandhian ahimsa and satyagraha; deficiencies of war; non-violent national defense; challenges of non-violence; case studies and examples from history; relevance in modern times.

PAC 421. Evolution Of Disability Policy. 4 hours.

Emphasis is on reading, analyzing, and discussing disabilities and public policy. Review of the first generation of laws protecting the rights of disabled people to employment, transportation, education, and public accommodations. Students research historical perceptions and current public policies and report findings through class presentations and written papers.

PAC 422. Food Stamp Expert Certification Program. 2 hours.

Credit/No Credit grading only. Enrollment restricted to IDHS employees only.

PAC 423. Life Extension: Issues and Consequences. 4 hours.

Examines issues dealing with life extension: 1) the scientific probability of increasing human longevity by drugs, artificial organs, exercise, nutrition, etc., 2) the ethical considerations of extending longevity, and 3) social implications.

Public Affairs Colloquia Courses (PAC)

PAC 424. Women and Substance Abuse. 4 hours.

There has been an increase of substance abuse (alcohol and drugs) among women over the past 30 years. Much of what is known about substance abuse problems and treatment for women has been based on research about men. This course will examine recent research on gender differences and the implications this has on public policy.

PAC 425. Borders, Peoples, Politics. 4 hours.

Explores the influence of borders and borderlands on contemporary life and international politics. Examines the circumstances of refugees, migrant workers, and ethnic minorities divided between countries. Discusses how their conditions reflect and influence our own political and social values.

PAC 426. Controversial Issues in Education. 4 hours.

Covers a broad range of relevant issues in education, aimed at developing a base of understanding and critical thinking about our educational system. While the course covers controversial issues and is appropriate for students in various areas, since the focus is on fundamental aspects, education majors are advised to make a different choice.

PAC 427. Women and Public Policy. 4 hours.

Introduction to public policy-making in the context of women's role. Each student will select and examine a policy issue of special concern to women, or one in which they can examine the influence of gender.

PAC 428. The Middle East. 4 hours.

Interdisciplinary introduction to the Middle East. Long the crossroads of East and West, this region remains at the center of much of world politics. Focuses on the role of Islam from the historical development to its recent resurgence. Examines the diversity of this region from the conservative state religion of Saudi Arabia to Iran's revolution.

PAC 429. Evolution and Creationism. 4 hours.

Examines the present controversy over teaching of creationism, or "creation science," in public schools. Approaches the problem from several areas: the nature of science and the nature of religion, the science of evolution, the nature of creation science, questions of public policy, guarantees of the First Amendment, and the courts' interpretations.

PAC 430. Dying in America: Policy Issues at the End of Life. 4 hours.

Explores the politics of death and dying in America, covering social, legal, ethical, and political responses to defining terminal illness, financing palliative care, setting legal parameters around the "right to die," and assessing the quality of end-of-life care.

PAC 431. Journey to Health: Mind, Body, Spirit. 4 hours.

The inter-relatedness of the dimensions of health, including physical, emotional, intellectual, social, spiritual, and environmental. Draws the student into the understanding that health is about choices, decisions, and relationships. This course offers students the opportunity to evaluate their own health lifestyles using knowledge from nationally renowned experts from various fields of medicine and health. Students are encouraged to use critical thinking and problem-solving skills along with new knowledge to make the decisions and modifications necessary to improve their own lifestyle behaviors. Course offered through College By Cassette

PAC 432. America In Debt. 4 hours.

This course analyzes the relationship between government, corporate, and personal debt. Explores attitudes toward the accumulation of debt as well as public policy concerning debt management. Also examines the social, environmental, and psychological impacts of debt.

Public Affairs Colloquia Courses (PAC)

PAC 433. Violence: Origins, Consequences & Remedies. 4 hours.

Examines the problem of violence, its origins, impact on society and individuals, and the policies and legislation implemented to address the problem. Outlines the successes and failures of current prevention and intervention efforts undertaken by the helping professions, schools, the criminal justice system, and our culture.

PAC 434. The Changing American Family and Public Policy. 4 hours.

Looks at shifts in government policy that affect family formation and dissolution, family roles and responsibilities, and quality of life for parents and children. Focuses on current issues and related policy, changes in societal attitudes and values, and trends for the future and analyzes specific family laws to understand the consequences they have had on families from various cultures.

PAC 435. The Asian-Pacific Rim: The Two Koreas. 4 hours.

As Asian Pacific nations expand their military, economic, and cultural power, they exercise increasing influence over our conduct of public affairs. The need for a cohesive policy based on the past and current orientation of the two Koreas has become paramount. Korea is the main focus of the course, as the confrontation between North and South reflects the conflict between communism and democracy in the Far East.

PAC 436. The New Europe. 4 hours.

Examines the process of European integration and expansion unfolding today. Explores the decisions that led to the creation of the Euro. Discusses how national governments have adapted to a new political reality, and how smaller communities have learned to take advantage of it.

PAC 437. Our Intellectual Legacy. 4 hours.

Explores key U.S. policy issues today in terms of the history of ideas and philosophy that have formed Western civilization, as interpreted and explored in the writings of Isaiah Berlin.

PAC 441. Mental Illness and Public Policy. 4 hours.

Development of governmental and corporate policies dealing with mentally ill persons in light of current scientific and medical research advancements; legal and political arenas, primarily criminal justice and health insurance. Areas of medical progress, evolving public standards and evaluation of costs.

PAC 442. The Internet and American Life. 4 hours.

With far-ranging influences on commerce, education, news, entertainment, information, and more, the Internet has had an enormous impact on American society over the past decade. This course examines that impact with an emphasis on planning and public policy.

PAC 443. Computers and Society. 4 hours.

Examines ethical, legal and societal implications of computing and telecommunications.

PAC 444. Seminar on Work and Family. 4 hours.

Examines and debates the critical challenges facing individuals, families, employers and communities in managing the changing demands of work, family and life. (Family is broadly construed to include all significant non-work relationships.)

PAC 445. Refugees and Exiles of the Global World. 4 hours.

Familiarizes students with the processes of forced migrations and the dilemmas of living between cultures. Examines national and international developments forcing people to escape to "safe" places where they face isolation, prejudice, and often poverty.

Public Affairs Colloquia Courses (PAC)

PAC 446. Population and Public Policy. 4 hours.

Study of the size, composition, distribution, and socio-economic aspects of the population. Investigate sources of demographic data. Learn impact of demographic changes on different policy issues such as immigration, population and environment, the elderly and the outlook of social security, and allocation of public funds between the children and the elderly.

PAC 447. Politics of Disability in Literature. 4 hours.

Study of influential works of literature that deal with bodies that differ from the "norm". Examines how the portrayals of disabilities in literature have changed throughout history, and influenced our society and ultimately public policy.

PAC 448. Health Inequality: Justice for All?. 4 hours.

Examines the relationships between social inequality, sex, race, and personal health habits with respect to health outcomes, challenging some resolute beliefs. Social constructions of health problems, social movements, and possible policy solutions to health disparities will be explored.

PAC 449. Death and Dying in a Modern World. 4 hours.

Explores the social, psychological, cultural, and personal experiences of death, grief and loss. A primary emphasis on how public policy issues impact how and under what circumstances many individuals die.

PAC 450. Issues in Internet Ethics: Computing, Ethics, and Policy. 4 hours.

Surveys "Cyberethics," focusing on the Internet. Examines these issues from the perspectives of ethics, law, government, and computer science. Taught largely online, however, students may be required to attend a seminar on campus.

PAC 451. Crime and Punishment in the 21st Century. 4 hours.

Examines sentencing options and the consequences of recent legislative changes related to contemporary issues such as firearms, drug and sex offenses, mental health, DNA and other technologies, death penalty sentencing, community re-entry, racial profiling, and treatment of juveniles as adults.

PAC 452. Contemporary Ideologies. 4 hours.

This course explores and cultivates an informed awareness of how contemporary ideologies frame public issues and influence civil society. The class covers the definition of ideologies, their evolution and impact.

PAC 453. Conviction of the Innocent. 4 hours.

A multi-disciplinary examination of the conviction of people for serious crimes who are likely to be innocent. Will examine policies that contribute to this system and explore alternative solutions that minimize the chances of convicting innocent people.

PAC 454. Manipulation of Health Facilities and Providers. 4 hours.

What political activities are affecting your health care? How does the medical care in the USA compare with other countries in quality and cost? How can you maximize health care for you and your family?

PAC 455. Polls, Public Opinion & Policy. 4 hours.

Study of the concepts, methods, and uses of polls including topics such as the history of public opinion polling, reading and using polling results, presidential uses of polls, polling and public policy, measurement errors, arguments against polls, and ethical issues in polling.

Public Affairs Colloquia Courses (PAC)

PAC 456. American Juries: Theories, Themes and Processes. 4 hours.

This course will educate citizens who are potential participants within the jury process of both the reality and gravity of their citizenry obligations should they be called to serve. And to recognize the reality is not that of a reality television program.

PAC 457. The Culture of Modern American Medicine. 4 hours.

Explores the history and problems of the American health care establishment. Sources include discussions by local experts. Through an interdisciplinary approach, students are provided with the tools to help them understand tensions in U.S. policy formation.

PAC 458. The Chinese Century. 4 hours.

Will the People's Republic of China supplant the United States as the world's foremost economic superpower in the 21st Century? This colloquium will examine the political, economic, social and cultural implications of the rise of Chinese capitalism.

PAC 461. Global Greening for a Sustainable Future. 4 hours.

An integrated approach to environmental issues that explore the contribution and roles of the physical sciences to achieve sustainability as the ultimate goal with a global perspective. Emphasizes scientific literacy and critical thinking.

Public Affairs Reporting (PAR)

PAR 404. Media Law And Ethics. 4 hours.

Examines media law and ethical decisionmaking from the standpoint of media producers, critics, and users. Case studies include obscenity and indecency, libel, privacy, advertising, conflict of interest, and rights of access. Lectures and discussions examine social and cultural contexts in which laws and ethical principles develop. Optional course for PAR majors. PAR majors not allowed to take this course CR/NC. Same as COM 404.

PAR 405. Illinois Government and Politics. 4 hours.

Policy-making process as it operates in Illinois. Major topics include constitutional structure, political culture, role of parties and interest groups, initiation of public policy, legislative process, role of the governor, politics of the budgetary process, and implementation of public policy. Same as POS 405.

PAR 410. Critical and Persuasive Writing for Journalists. 4 hours.

Students will learn to craft editorials, columns, reviews and essays that will have impact. They also will learn about the evolution of critical and persuasive writing in the media and its role in society. Each class will be a mix of lecture, discussion and group and individual exercises. There will be weekly writing assignments.

PAR 501. Advanced Public Affairs Reporting. 6 hours.

Newswriting and reportorial techniques, including investigative reporting, journalism ethics, news analysis, and interpretation. Relevant, pertinent, and salient news standards are probed, with emphasis on coverage of governmental news. Prerequisite: Admission to the PAR Program. Restricted to Graduate students.

PAR 503. Legislative Issues. 2 hours.

In-depth study of key issues before the Illinois General Assembly. Offered during spring semester. Prerequisite: admission to the PAR Program. Restricted to Graduate students.

PAR 504. Internship I. 12 hours.

Practical experience in reporting public affairs. Each student is assigned to full-time work with an experienced journalist at the State Capitol. Students receive monthly stipend. Weekly seminar. Prerequisite: Admission to PAR program. Restricted to Graduate students.

PAR 505. Internship II. 4 hours.

Continuation of PAR 504, but more intense in conjunction with the windup of the legislative session. Work supervised by media bureau chief and program director. Prerequisite: Admission to PAR program. Restricted to Graduate students.

Public Health (MPH)

MPH 405. Computer Applications in Public Health. 2 hours.

This course will provide the basic practical concepts and computer techniques for analyzing health-related data. Topics include introduction to commonly used software systems in public health, (specifically EPI-INFO software), simple statistical analysis, and interpretation of results.

MPH 419. Environmental Law. 4 hours.

Surveys the major federal statutes and regulatory schemes relating to environmental quality; analyzes and compares the contrasting approaches to regulation that have been used. Focuses on the interaction of law and policy and considers the roles of Congress, the regulatory agencies, and the courts in defining and implementing environmental mandates. Same as ENS 419, LES 419, and POS 419.

MPH 428. Laboratory Science in Public Health. 2 hours.

Provides an understanding of laboratory science as it applies to public health. Topics include the history and role of the public health laboratory, tests and procedures used in monitoring the health of the population and the organization of the laboratory, water and air quality, food preparation and sanitation, waste disposal, vector control, and appropriate personnel standards.

MPH 503. Biostatistics for the Health Professional. 4 hours.

Provides a general overview of statistical methods commonly used in the collection and analysis of health research data. Topics include descriptive statistics, basic concepts of probability, statistical inference, analysis of variance (ANOVA), correlation, regression, distribution free methods, and introduction to use of a statistical software. Emphasis is on understanding and applying statistical concepts intuitively to the interpretation of health research data. Core course. Working knowledge of algebra required. Restricted to Graduate students.

MPH 506. Community Health Research. 4 hours.

Emphasizes the practical application of community health research to enhance the practice of public health. Public health practitioners engaging in administration, policy analysis, program development, and service coordination must be able to assess the needs of populations served and must be able to design and implement programs to meet those needs and evaluate program outcomes. The objective is to provide practical experience necessary for students to skillfully apply a variety of research methods and protocols, data collection, and analysis and interpretation skills to needs assessment and evaluation in public health. Core course. Prerequisite: MPH 503. Restricted to Graduate students.

MPH 508. Program Evaluation for Health Managers. 4 hours.

General and specific grounds for evaluating health care programs, including concept of a program, analysis of evaluation models, program measurement, causality in program evaluation, internal and external evaluation, process and outcome evaluation, and evaluation strategies. Use of experimental design, quasi-designs, and case studies. Prerequisite: MPH 506. Restricted to Graduate students.

MPH 511. Foundations Of Epidemiology. 4 hours.

Introduction to epidemiological concepts and methods. Meaning and scope of epidemiology and the uses of morbidity, mortality, and other vital statistical data in the scientific appraisal of community health. Core course. Same as ENS 561. Restricted to Graduate students.

MPH 512. Epidemiology of Chronic Diseases. 4 hours.

Presents a population-based perspective of the distributions and determinants of major chronic diseases, particularly cardiovascular diseases and cancer, in the United States and worldwide. The underlying objective is to identify and review methods of control and preventive measures for each of these diseases. Prerequisite: MPH 511, or permission of instructor. Restricted to Graduate students.

Public Health (MPH)

MPH 514. Analytical Epidemiology. 4 hours.

Presents the fundamental concepts, principles, and methods of observational epidemiologic research. Practical issues in the design, conduct, and analysis of epidemiologic studies, as well as theoretical issues in the analysis and interpretation of research findings will be discussed. Intended for students interested in epidemiologic research. Same as ENS 562. Prerequisite: MPH 511 or permission of instructor. Restricted to Graduate students.

MPH 515. Infectious Disease Epidemiology. 4 hours.

Examines the epidemiology of selected infectious diseases including sexually transmitted diseases (STDs) and foodborne diseases. The conceptual background of epidemiologic methods will be applied to understanding the natural history, prevention, and control of these diseases. The role of routine surveillance of infectious diseases and the epidemiology of outbreak investigations will be discussed. Prerequisite: MPH 511 or permission of instructor. Restricted to Graduate students.

MPH 521. Environmental and Occupational Health. 4 hours.

Recognition, analysis, and control of major environmental and occupational diseases and issues. Examines policy, law, economics, politics, and liability as they relate to environmental and occupational health. Core course. Prerequisites: MPH 503 and MPH 511. Restricted to Graduate students.

MPH 525. Public Health Assessment. 4 hours.

Examines health-based environmental and occupational safety levels, how they are derived, how they are used to protect public health, and how decisions based on them are communicated to the public. Prerequisite: MPH 521. Restricted to Graduate students.

MPH 527. Environmental Risk Assessment. 4 hours.

Introduction to the many aspects of risk assessment, the relationship between risk assessment and public policy and the perception of risk. Students will be expected to work out elementary problems in risk and exposure assessment. Same as ENS 521. Restricted to Graduate students.

MPH 531. Public Health Policy. 4 hours.

Examines policy development in public health, its relation to the scientific fields that provide a foundation for policy, the political and economic factors that generate policy issues and the forces that constrain the decision-making process. Core course. Restricted to Graduate students.

MPH 535. Public Health in the Political Arena. 4 hours.

Examines the influence of politics on public health policy and practice. Presents a professional approach to engaging the political process at the local, state, and national levels. Restricted to Graduate students.

MPH 536. Contemporary Issues in Public Health. 4 hours.

An Internet-intensive course to explore new ideas and approaches to public health. The instructor will select the first book of the semester and students will make the rest of the selections from an instructor-compiled list. Students will have opportunities for self-selection, personal growth as public health professionals, and development of skills that will help them effectively articulate their position on a number of topics. May be repeated up to 1 time(s). Restricted to Graduate students.

MPH 545. Socio-Cultural Aspects of Health. 4 hours.

Medical sociological and anthropological framework for analyzing and understanding the health status of American society, social structure and social value, special issues in health and medical care, and various models of health, life styles, and impact on health. Core course. Restricted to Graduate students.

Public Health (MPH)

MPH 551. Public Health Administration. 4 hours.

Considers contemporary public health issues; the role of the public health manager; and fundamentals of public health program development, implementation, and evaluation. Application of management theory and skills to the administration of public health programs and facilities. Core course. Restricted to Graduate students.

MPH 561. Community Health Education. 4 hours.

Theoretical foundations of health education; skills required to communicate effectively with various audiences in the community. Core course. Restricted to Graduate students.

MPH 575. Health Economics. 4 hours.

Introduces the theory, methods, and applications of economic evaluation in the health context. Provides a coherent framework within cost-benefit analysis for the different methods of economic evaluation. Students learn to develop an understanding of the theoretical foundations of economic evaluation, to critically examine economic evaluations, and to carry out different topics of economic evaluations. Restricted to Graduate students.

MPH 581. Internship. 1 TO 4 hours.

Under faculty guidance, students are placed in a public health setting relevant to their specific needs and interests. Experiences may focus on research, planning, or administrative activities in the delivery of health services. May be repeated to a maximum of 4 hours. Prerequisite: Completion of at least 24 hours of core courses. Restricted to Graduate students.

MPH 582. Independent Research Project. 1 TO 4 hours.

An individual project to demonstrate ability to formulate, investigate, and analyze a problem in a practice setting. Students choose a topic with the advice and approval of the faculty members who agree to supervise and evaluate the students' work. May be repeated to a maximum of 4 hours. Restricted to Graduate students.

MPH 583. Comprehensive Exam Continuing Enrollment. 0 hours.

Encourages students to maintain contact with the department and allows them to use campus facilities such as the library and computer laboratories while preparing to take the department's master's degree closure exercise -- the comprehensive examination. NOTE: If students do not earn a passing grade on the comprehensive examination during their final semester, they must enroll in MPH 583 for zero credit hours (one billable hour) in all subsequent semesters until they pass the exam. May be repeated. Restricted to Graduate students.

MPH 599. Graduate Tutorial. 1 TO 4 hours.

Restricted to Graduate students.

Social Work (SWK)

SWK 222. Introduction to Social Work. 3 hours.

Survey of the history and development of social work in terms of its major components: values; philosophy and ethics; clientele; individual, group, and community; helping concepts; levels of professional competence; the use of self; professional communication skills; major issues and problems; and professional roles. Students will evaluate themselves relative to their choice of the social work profession.

SWK 223. Into to Social Work - Lab. 1 hour.

This course is a one-credit practicum option for students taking SWK 222. The lab offers an opportunity for students to practice basic skills in a community agency. Students must complete 40 hours in the field, under the direction of the course instructor. Will not count toward fieldwork hours.

SWK 333. Human Behavior in the Social Environment. 4 hours.

Survey of human development from conception to death in terms of biological, psychological, and social influences. The major schools of thought regarding the person in his/her environment will be covered. Prerequisites: SWK 222, or concurrent enrollment.

SWK 344. Social Work Practice I. 4 hours.

Examination of social work generalist skills for the purpose of developing beginning practice competency in the differential use of self, self awareness, assessment, and the use of relationship. Coverage of case management issues, preparation of documents, and techniques for overcoming barriers to helping will be covered. Initiating and terminating helping relationships and intervention within diverse problem contexts will be examined. Includes lab experience. Prerequisites: SWK 222, or concurrent enrollment. Restricted to Social Work.

SWK 355. Social Welfare Policies and Services. 4 hours.

Survey of the history and development of the American social welfare system, major programs, and structures for delivering public and voluntary social services. Issues, professional social work roles, and the functions of social work in our society will be examined. Principles of economics will be reviewed. Prerequisites: SWK 222.

SWK 359. Statistics for Social Workers. 4 hours.

This course introduces the social work student to descriptive statistical concepts and their application to practical issues on the micro, mezzo, and macro levels. Students will learn the meaning and application of mean, mode, median, and standard deviation measurements in describing study samples. An introduction to inferential statistics will also be provided, to draw a conclusion about a population. Students should be capable of accurate addition, subtraction, multiplication and division. the use of personal calculators is encouraged. The mathematical concepts will be illustrated with practical social work examples at every opportunity to facilitate understanding.

SWK 360. Social Work Introductory Practicum. 1 TO 4 hours.

Introductory practice course for students new to the field of social work. The course is based on practice of basic skills in a community agency. Approximately 40 hours earns one credit hour. This course must be taken on a tutorial basis and general direction is provided by the instructor of the student's choice. Will not count as field work. May be repeated to a maximum of 4 hours. Restricted to Social Work.

SWK 366. Culture, Diversity and Social Work. 4 hours.

Examination of the concepts of race, ethnic background, gender, sexual orientation, and disability in terms of causes and effects in the generation of social problems and the roles of social workers. Particular emphasis on personal and cultural attitudes towards diversity. Same as WMS 366. Prerequisites: SWK 222, or permission of instructor.

Social Work (SWK)

SWK 377. Social Work Practice II. 4 hours.

Examination of generalist practice related to group and family intervention. Training is group process, assessment, and intervention. Instruction in family dynamics, interviewing, and assessment. Includes lab experience. Prerequisites: SWK 333, SWK 344. Restricted to Social Work.

SWK 382. Women, Gender and Society. 4 hours.

Interdisciplinary introduction to historical contemporary issues of gender inequality faced by women. Topics include gender socialization, education, law, work, families, health, violence, and the women's movement. Topics and emphasis varies with instructor. (Fall and spring semesters) Highly recommended as the first course in Women's Studies. Same as WMS 301.

SWK 414. Child Welfare: Issues and Practice. 4 hours.

History and philosophy of the development of child welfare services in the United States and the state of Illinois. Provides a foundation of information and values concerning children and families that can lead to affective service planning and policy development.

SWK 425. Social Work and Substance Abuse. 4 hours.

Introduction to the field of alcoholism and substance abuse. Topics include definitions; the physiological, psychological, and sociological aspects of addiction; treatment issues; and prevention and education programs.

SWK 430. Social Work Research Methods. 4 hours.

Survey of basic social science research concepts, research designs, data collection and analysis. Students formulate and implement a research project. The relevance of social research to the provision of human services will be covered. Prerequisite: SWK 344. Restricted to Social Work.

SWK 433. Social Work Practice III. 4 hours.

Survey of the basic concepts and skills involved in macro-level social work practice. The focus will be on developing the basic skills required to engage in political advocacy, service learning and community organization practice. Social and economic justice issues will be emphasized. Includes community activities. Prerequisites: SWK 355 and SWK 377. Restricted to Social Work.

SWK 434. Senior Seminar. 4 hours.

Capstone course for social work majors. Involves a final project in which seniors integrate skills and knowledge across the curriculum to propose a comprehensive social work program. Analysis of the professional social work code of ethics - and values - in relation to the practice areas covered in the social work curriculum. Prerequisites: SWK 377. Restricted to Social Work.

SWK 438. Children And The Law. 4 hours.

Designed for the human services professional who deals with children and their families. Examines laws affecting the lives of children from birth to adulthood.

SWK 446. Family Law. 4 hours.

Law that affects the family. Topics include divorce, domestic violence, illegitimacy, adoption, child support and custody, parental control, abuse and neglect laws, issues affecting the elderly, domestic law reform, and the impact of the women's rights movement. Course available online; may also be available on campus. Refer to current course schedule for further information. Same as HDC 446, LES 446, SOA 454, and WMS 446. Not intended for students with Freshman or Sophomore standing.

Social Work (SWK)

SWK 450. Field Work. 2 TO 8 hours.

Direct services in an approved social service organization, under the supervision of an approved field work supervisor, in conjunction with a field work seminar. The focus will be on social work methods and generalist practice. There will be continuous emphasis on the application of knowledge to practice. May be repeated to a maximum of 9 hours. Prerequisites: All SWK core course work and admission to field experience, SWK 434 or concurrent enrollment. Restricted to Social Work.

SWK 454. The History Of The Family. 4 hours.

The modern family in comparative and historical perspective. Selected themes -- changing patterns of household, intimacy, gender -- explored historically to understand their present importance. Same as HIS 454, and WMS 454.

SWK 461. Violence Against Women and Children. 4 hours.

Explores the two most common crimes against women and children: sexual assault and abuse and domestic violence. Examines nature and frequency of these assaults, legal definitions and treatment, victim and survivor experiences, criminal justice and social service responses, offender characteristics, victim services and treatment, and local community resources. Same as CRJ 422, and WMS 422.

SWK 462. Minority Women: Issues and Perspectives. 4 hours.

The experience of American women of color is at the center of this course. Interdisciplinary consideration of the intersection of race, class, and gender in the lives of women past and present. Same as AAS 403, HIS 453, and WMS 403.

SWK 499. Tutorial. 1 TO 12 hours.

Sociology Anthropology (SOA)

SOA 102. ECCE: World Cultures. 3 hours.

Explores diversity around the globe, from prehistoric societies to the present. We discuss types of social organization and their relation to the environment, economics, ideologies, and social inequality. Of particular interest are cross-cultural contact through colonization and globalization. Through anthropological approaches we will learn about other cultures and ourselves.

SOA 131. ECCE: Latin American Expressions. 3 hours.

This course explores the cultural diversity of Latin American through music, film, literature, and festivals. The class will use these cultural elements to learn about the history of major regions and population, with particular attention to social inequality and resistance.

SOA 150. ECCE: Topics in Comparative Society. 3 hours.

Introduction to comparative study of women's roles and gender issues across cultures. Same as WMS 150.

SOA 205. Introduction To Archaeology. 3 hours.

Introduction to archaeological study of past human cultures. Emphasis on archaeological method and theory, with consideration of the ethics of conservation and ownership of cultural heritage. Archaeological examples from early human societies to historic times.

SOA 221. Social Problems. 3 hours.

Analysis of contemporary social problems such as those involving individuals and families, and specifically those relating to crime, inequality and power, poverty, human diversity, militarism, drug and alcohol abuse, mental illness, environment, and modernization.

SOA 231. American Cultural Diversity. 3 hours.

Examines the diversity of cultures that exist within the United States today, focusing on case studies of African-American, Hispanic, Asian-American, American Indian, and European-American societies.

SOA 302. Understanding Other Cultures. 4 hours.

Anthropological exploration of the variety of ways humans in different cultures secure their livelihood, govern themselves, form families and other social groups, and interpret the world of their experience.

SOA 304. Human Evolution: Biological and Cultural. 4 hours.

Human biological and cultural evolution from the earliest human ancestors to the origins of agriculture and civilization. Emphasis on major factors that have shaped humanity: hominid evolution, origins of human societies, origins of agriculture, birth of cities, and development of the state.

SOA 306. Peoples Of The Past. 4 hours.

Prehistoric societies of the past 40,000 years, including the spread of humans from Africa and Asia into the Americas; rise of agriculture, villages, and towns; and growth of civilizations. Emphasis on major archaeological finds and transformations in social life.

SOA 321. Juvenile Delinquency. 4 hours.

Theoretical explanations of juvenile delinquency, with critical view of their value in the field, followed by practical and analytical view of juvenile justice systems in operation. Same as CRJ 321.

Sociology Anthropology (SOA)

SOA 335. Jazz In American Culture. 4 hours.

Explores development of jazz as a popular art form, the influence of American culture (e.g., race, class, gender relations, religion and moralism, and the dominance of commercial values) on the shape of this art form, its performance and enjoyment, and the reciprocal influence of jazz on American culture.

SOA 405. Sociocultural Theories. 4 hours.

In-depth study of classical social theorists (Marx, Weber, Durkheim, Mead) and their answer(s) to the central question of sociology, "Where does order come from?" Prerequisite: At least one upper-division sociology and one upper-division anthropology course, or permission of instructor.

SOA 408. Feminist Theories. 4 hours.

What would a good society be like? We will discuss a range of feminist theories with different views on the good society, including liberal, radical, socialist, post modern, and global feminisms. These theories offer different solutions to such social issues as division of labor in the home and beyond, reproductive rights, and sexuality. Through the experience of the course, each student will work to develop his or her own view of a good society. Same as PHI 411, POS 433, and WMS 411. Prerequisite: WMS 301 is recommended but not required.

SOA 410. Senior Seminar. 2 hours.

A seminar for SOA majors in their final year. Builds and further develops students' sociological/anthropological research, writing, and analytical abilities through application of these skills to a senior essay topic. Focus on the senior essay topics will derive from intense examinations of how sociological/anthropological knowledge can be applied to at least four issues facing society. Seminar discussions will be evaluated for content and presentations, and two senior essays will be the culmination of the course. These essays will be reviewed by all program faculty and will constitute the assessment in the major for each SOA graduate. Prerequisite: SOA major, and permission of instructor. Restricted to Sociology/Antropology.

SOA 411. Social Research Methods. 4 hours.

First-hand experience carrying out small-scale research projects in areas of personal interest. Ethics in social research, formulating research questions, survey and experimental design, interviewing, sampling, direct observation, content analysis, evaluation research, and critiques of social science methods.

SOA 421. Criminological Theory. 4 hours.

Classical and modern theories of crime; social and economic factors in criminal behavior, crime formation, and control; exploration of the justice system; and evaluation of treatment of offenders. All elements of criminology viewed critically. Same as CRJ 421. Prerequisite: Either CRJ 345 or SOA 411, submission of communication skills portfolio (CRJ majors only), and permission of instructor.

SOA 425. Law and Inequality. 4 hours.

The role of law and the legal system in creating, maintaining, and reducing inequality, with emphasis on race, class, and gender inequality in the United States. The relationship between law and the legal system and political/economic institutions and ideologies. Same as LES 404, POS 421, and WMS 445.

SOA 431. Sociology of Organizations. 4 hours.

Organizations -- formal and informal; social organization and crowd concepts; roles, norms, and structures; methodology for studying organizational behavior; critical evaluation of organization theories; alienation; and organization vs. personality.

Sociology Anthropology (SOA)

SOA 452. Sociology of Gender. 4 hours.

Analysis of creation, maintenance, and enforcement of female and male roles. Socialization processes, cultural definitions, major social institutions, and structured social inequality. Same as WMS 452.

SOA 453. Women Across Cultures. 4 hours.

Addresses the complexity of Third World women's lives including development and structural adjustment, reproductive rights and other health issues, violence against women, and political resistance and complicity. Same as WMS 453.

SOA 454. Family Law. 4 hours.

Law that affects the family. Topics include divorce, domestic violence, illegitimacy, adoption, child support and custody, parental control, abuse and neglect laws, issues affecting the elderly, domestic law reform, and the impact of the women's rights movement. Course available online; may also be available on campus. Refer to current course schedule for further information. Same as HDC 446, LES 446, SWK 446, and WMS 446. Not intended for students with Freshman or Sophomore standing.

SOA 455. Women in Political Movements: A Cross-Cultural Perspective. 4 hours.

Investigates gender dynamics of political movements in several countries around the world, including the United States, Brazil, Russia, Egypt, Iran, and India. The course examines gender as a dynamic social institution, interacting with class, race, nationality, sexual orientation, and culture. Same as WMS 456.

SOA 461. Social Psychology: Sociological Perspectives. 4 hours.

An investigation of the complex relationship between individuals and the society around them. Topics include socialization, the self, social influence, motivation, norms, morality, group dynamics, roles, impression management, and interaction. We will explore these topics by studying the work of Simmel, Mead, Goffman, and Berger & Luckman, among others. We will see that and why individuals and their society are inseparable. Prerequisite: A course in social science or permission of instructor.

SOA 465. Religion, Society, and the Individual. 4 hours.

Explores the complex relationship between Society and Religion by reading and discussing the core thinkers in the field, including Durkheim, Weber, and Berger. Topics include the social foundations of religious beliefs, rituals, rationality, and secularization. Prerequisite: A Social Science course or consent of the instructor.

SOA 471. Prehistoric America. 4 hours.

Covers the prehistoric cultures of North America from their arrival to the period of contact with European Americans. Includes both lecture and hands-on experience with artifacts from the collections of the Illinois State Museum. Held off campus at the Illinois State Museum Research and Collections Center in Springfield.

SOA 472. European Prehistory. 4 hours.

Overview of prehistoric cultures of Europe from the earliest arrival of human ancestors to the Iron Age. Emphasis on hunter-gatherer adaptations to Ice Age climates, the spread of agriculture from the Near East, and the rise of regional polities. Prerequisite: A course in archaeology or human evolution or consent of the instructor.

SOA 474. Jamaican Society. 4 hours.

Explores the concepts of sociology, globalization, Jamaican culture and communication in a Jamaican community. The three week course requires that students perform service learning projects with Jamaican schools and organizations. This course is part of the global Experience Program. Application is required of students who want to participate.

Sociology Anthropology (SOA)

SOA 480. Topics in Sociology/Anthropology. 4 hours.

Intensive study of a current sociological or anthropological topic. Description of topics for a given course will be stated in course schedule. May be repeated if topics vary.

SOA 481. North American Indians: Culture and Ecology. 4 hours.

North American Indians prior to and after contact with European-Americans. Emphasizes relationships between various cultures and their environmental settings. Prerequisite: SOA 302, or permission of instructor.

SOA 482. Hunters And Gatherers. 4 hours.

Anthropological examination of the recent history and current status of hunting and gathering societies. Emphasis on long-term interaction with settled farmers and world markets, land use and land claims, and the history of western visions of "primitive" societies. Ethnographic case studies from the Americas, Australia, Africa, and Asia. Emphasis on discussion and on learning to write about other cultures. Prerequisite: A course in Sociology/Anthropology or consent of the instructor.

SOA 499. Tutorial. 1 TO 12 hours.

May be repeated to a maximum of 12 hours.

SOA 563. Sociology of Death, Dying, and Bereavement. 4 hours.

Consideration of social structures, attitudes, beliefs, and values about death, dying, and bereavement in contemporary American society as well as in other societies and other time periods. Medical, legal, religious, and psychological issues of death, dying, and bereavement also considered. Not recommended for persons recently bereaved. Same as HMS 563. Restricted to Graduate students.

Teacher Education (TEP)

TEP 201. Introduction to Education. 3 hours.

Introduces potential teacher education candidates to public schools and to the issues confronting public education. Provides background information and experiences for potential elementary and secondary teachers as they examine professional issues in teaching, characteristics of schools, curricular organizations, and effective teaching. Teacher Certification course.

TEP 202. Introduction to Teaching as Service. 2 hours.

Required course for participation in Project Midstate Student Support for Teaching. Designed to provide incoming participants an opportunity to explore teaching as a human service. Participants are expected to design a 10-hour service project. Teacher Certification course.

TEP 203. Designing Instruction for Two Urban Populations: Issues and Methods. 2 hours.

Course follows TEP 202. Introduces unique demographics, needs and characteristics of the participating school systems in which participants have pledged to teach. Participants will work directly with teachers from high poverty schools to complete mini-research projects that are classroom based. Prerequisite: TEP 202. Restricted to students in the Project Midstate Student Support for Teaching.

TEP 204. School Health and Wellness Issues. 2 hours.

Examines ways teachers may help maintain a healthful environment, a range of developmentally appropriate topics that teachers will want to include in their classrooms, and ways of promoting healthy social and emotional development among their students. Teacher Certification course.

TEP 223. Adolescent Psychology for Teachers. 3 hours.

An introductory course for the psychology of early to late adolescence, with emphasis on physical traits, emotional growth, personality development, socio-cultural issues, and learning perspectives.

TEP 224. Exceptional Child for Teachers. 3 hours.

Addresses exceptionalities as identified by the Individuals with Disabilities Education Act (IDEA). Includes classroom strategies for learning disabilities; attention deficit hyperactivity disorders; emotional and behavioral disorders; communication and pervasive developmental disorders; speech, hearing and vision impairment; giftedness; and at-risk behaviors.

TEP 305. Technology For Teaching. 3 hours.

Examines basic computer/technology operations and concepts. Designed to give candidates the basic skills and knowledge needed to satisfy the state's Core Technology Standards and the program's technology expectations. Candidates begin development of their electronic portfolio. Prerequisite: Admission to the program and permission of instructor. Teacher Certification course.

TEP 307. History and Philosophy of Education. 3 hours.

History and philosophy of education in Western society with major focus on 20th century American developments. Prerequisite: admission to the teacher education program. Teacher Certification course.

TEP 314. Curriculum and Instruction. 3 hours.

Examines selected curricula including their historical precedents, stated objectives, organizational patterns, curriculum materials, and instructional strategies. Includes opportunities for candidates to plan, specify, and develop curricula and materials. 40 hour pre-clinical field experience provided at an approved clinical site. Offered spring semester only. Prerequisite: Admission to the Teacher Education program and completion of 6 hours of TEP; and 2 of the following 3 courses: TEP 305, TEP 307, or TEP 401. Teacher Certification course. Teacher Certification course.

Teacher Education (TEP)

TEP 322. Teaching, Learning, and Assessment. 3 hours.

Focuses on major approaches to teaching and learning and examines the most current research on student assessment. Introduces the standards required of all teachers in Illinois and begins work on the candidates' professional teaching portfolio. Prerequisite: admission to the teacher education program. Teacher Certification course.

TEP 351. Teaching Diverse Populations. 3 hours.

This course provides knowledge and skills required for developing and implementing challenging instruction for multicultural groups, mainstreamed special education, and gifted and talented students. A major outcome is for the student to demonstrate competency in developing a reflective model to effectively teach diverse populations in today's schools. Prerequisite: TEP 201 or teacher certification. This course fulfills a general education requirement at UIS in the area of Social and Behavioral Sciences.

TEP 401. Middle School Concepts and Practices. 3 hours.

A survey of the latest research and practices in middle school education. Prerequisite: Admission to the Teacher Education program. Teacher Certification course. Teacher Certification course.

TEP 419. Content Area Literacy. 3 hours.

Introduction to literacy and study strategies for use in all content areas. 40 hour pre-clinical field experience provided at an approved clinical site. Prerequisite: Admission to the Teacher Education program and TEP 305. Teacher Certification course. Teacher Certification course.

TEP 423. Basic Reading and Language Arts Methods. 3 hours.

Surveys major methods of teaching reading and language arts in the elementary classroom. Introduces a variety of methods, techniques, and tools for instruction. 30 hour pre-clinical field experience provided at an approved clinical site. Prerequisite: TEP 305 and TEP 322. Teacher Certification course.

TEP 424. Methods of Teaching Elementary Math. 3 hours.

Designed to provide preservice teachers with practical skills for teaching elementary mathematics. Introduces a variety of methods, techniques, and tools for instruction. 30 hour pre-clinical field experience provided at an approved clinical site. Prerequisite: TEP 305 and TEP 322. Teacher Certification course.

TEP 425. Methods of Teaching Elementary Social Studies and Humanities. 3 hours.

Surveys major methods of teaching social studies and humanities in the elementary classroom. Introduces a variety of methods, techniques, and tools for instruction. 30 hour pre-clinical field experience provided at an approved clinical site. Prerequisite: TEP 305 and TEP 322. Teacher Certification course.

TEP 426. Methods of Teaching Elementary Science. 3 hours.

Designed to provide preservice teachers with practical skills for teaching elementary science. Introduces a variety of methods, techniques, and tools for instruction. 30 hour pre-clinical field experience provided at an approved clinical site. Prerequisite: TEP 424. Teacher Certification course.

TEP 435. English Methods Grades 6-12. 3 hours.

Secondary English teacher candidates are exposed to a variety of teaching styles, strategies, and activities that are used in the teaching of language arts, literature, composition, and grammar in middle and high schools. Course requires a 40 hour pre-clinical field experience provided at an approved clinical site. Offered fall semester only. Prerequisite: Completion of or concurrent enrollment in TEP 419. Teacher Certification Course. Teacher Certification course.

Teacher Education (TEP)

TEP 436. Mathematics Methods Grades 6-12. 3 hours.

Examines the methods employed by teachers in teaching mathematics in grades 6-12. 40 hour pre-clinical field experience provided at an approved clinical site. Offered fall semester only. Prerequisite: Admission to the Teacher Education program and completion of 6 hours of TEP; any 2 of the following 4 courses - TEP 305, TEP 307, TEP 401, or TEP 419. Teacher Certification course.

TEP 437. Science Methods Grades 6-12. 3 hours.

Examines the methods of teaching science to students in grades 6-12. Candidates explore both classroom instruction as well as laboratory setup, instruction, and evaluation. 40 hour pre-clinical field experience provided at an approved clinical site. Offered fall semester only. Prerequisite: Completion of or concurrent enrollment in either TEP 314 or 419. Teacher Certification course. Teacher Certification course.

TEP 438. Social Studies Methods Grades 6-12. 3 hours.

Analyzes the structures of economics, geography, world history, U.S. history, anthropology, sociology, and political science as they relate to the secondary social studies curriculum. Materials and methods of instruction in the various social sciences and history are examined. 40 hour pre-clinical field experience provided at an approved clinical site. Offered fall semester only. Prerequisite: Completion of or concurrent enrollment in either TEP 314 or TEP 419. Teacher Certification course. Teacher Certification course.

TEP 448. Clinical Practice Seminar Grades K-9. 3 hours.

Intensive seminar capstone course that helps candidates prepare for student teaching and entering the teaching profession in general. Course meets first month of student teaching semester; candidates also return to campus three times during student teaching for seminars. Prerequisite: Concurrent enrollment in TEP 450 required. Must enroll concurrently in TEP 450. Teacher Certification course.

TEP 449. Clinical Practice Seminar Grades 6-12. 3 hours.

Intensive seminar capstone course that helps candidates prepare for student teaching and entering the teaching profession in general. Course meets first month of student teaching semester; candidates also return to campus three times during student teaching for seminars. Prerequisite: Concurrent enrollment in TEP 451 required. Must enroll concurrently in TEP 451. Teacher Certification course.

TEP 450. Clinical Practice Grades K-9. 9 hours.

Internship in the classroom under supervision of UIS faculty and cooperating master teacher. Prospective teachers are required to keep a journal of their experiences, demonstrate evidence of their preparedness to teach, and attend scheduled seminars. Prerequisite: Permission of instructor. Teacher Certification course.

TEP 451. Clinical Practice Grades 6-12. 9 hours.

Internship in the classroom under supervision of UIS faculty and cooperating master teacher. Prospective teachers are required to keep a journal of their experiences, demonstrate evidence of their preparedness to teach, and attend scheduled seminars. Prerequisite: Permission of instructor. Teacher Certification course.

TEP 487. Math & the Exceptional Child. 4 hours.

Teachers will consider many aspects of teaching mathematical problem solving to the exceptional child (remedial and gifted) using activities which incorporate state math learning standards, non-routine problems, characteristics of exceptional students, teaching methods for exceptional students, and assessment rubrics for exceptional students. Prerequisite: Certified Teacher.

Teacher Education (TEP)

TEP 488. Math Activities for the 6-12 Classroom. 4 hours.

Teachers will consider many aspects of teaching mathematics using historical activities, problems, puzzles, games, patterns and the Internet. Magic squares, tangrams, pentominoes, algebra tiles, Napier's Rods, logic puzzles, patterns, and web pages from mathematics history will be used for class discovery and lesson plan discussion. Certified Teacher.

TEP 499. Tutorial. 1 TO 12 hours.

TEP 501. Online Learning. 2 hours.

Examines topics such as what is online learning, the virtual professor, and adapting curriculum to the online environment. Restricted to Graduate students.

TEP 502. Issues and Strategies for Faculty Technology. 2 hours.

Examine the problems faced when integrating technology into the face-to-face classroom and moving more and more courses to the online environment. Programs of faculty development are also addressed in this class. Restricted to Graduate students.

TEP 503. Instructional Design for Online Course Development. 2 hours.

Effective design instruction for an online course. Restricted to Graduate students.

TEP 505. Student Assessment. 2 hours.

Addresses various assessment formats that can be used for evaluation students in online courses. Assessment theory is explored focusing on the applications to online education and the necessary adjustments needed when evaluating students in online courses. The course is designed to provide students opportunities to apply online student assessment concepts to their particular areas of interest in online course development. Restricted to Graduate students.

TEP 508. Practicum. 4 hours.

Provide students with an opportunity to develop and refine a design for an online course or course segment, as well as plan and facilitate a week's worth of discussion in a mentored setting. Restricted to Graduate students.

TEP 514. Topics in Innovative Curriculum Development. 3 hours.

Curriculum topics will be developed for each new session. This is a professional development course for the K-12 certified or awaiting certification teacher. Restricted to Graduate students.

TEP 516. Integrating Technology in the K-12 Classroom. 4 hours.

Technology is a part of the classroom today in many ways and must be integrated into the curriculum for effective use. Technology can assist student-centered learning in an environment that includes thematic units and cooperative learning. Technology will be effective in the schools when teachers are presented with models of appropriate use in the restructured classroom and are able to integrate technology into the elementary curriculum.

TEP 517. Student Centered Projects Using Technology. 4 hours.

Provides teachers of grades 1-12 with hands-on experience using a variety of multimedia software which students may use to develop individual and group projects. Examples are Kidpix, Power Point, ClarisWorks Slide Show, Hyperstudio, and ClarisWorks Homepage. Project development will include the use of technology tools such as scanner, digital camera, CD-ROM and graphic conversion software.

TEP 599. Tutorial. 1 TO 12 hours.

Restricted to Graduate students.

University Courses (UNI)

UNI 100. Survival And Transition Skills. 1 hour.

This class is an elective course that is highly recommended for transfer athletes and is designed to assist students achieve their academic goals. Students learn about the University, its resources, and skills and techniques to help them succeed in college.

UNI 101. Mastering Life Time Learning. 2 hours.

This course is designed so that instruction enhances learning in a college environment and throughout the individual's life span. Topics include organizational and time management skills, strategies to improve learning, recognition of learning styles and creating positive learning environments. The purpose of this two credit course is to provide an opportunity for students to adopt a wellness model that promotes their success in school and creates new possibilities for life-long learning. The course has been structured so that students will articulate and demonstrate a holistic approach to personal stewardship based on wellness principles and self-responsibility.

UNI 307. Directed Study Skills. 2 hours.

Presentation and practice of directed study techniques to support upper-division, content-area courses. Emphasis is on selection of study technique based on content material, course presentation style and format, textbook and related resources, and method of assessment (essay, short answer, etc.). Students will develop a personal study skill assessment identifying their preferred study style, skill strengths and weaknesses, time management style, and test preference. Credits earned in this course may not be applied toward degree requirements. Contact: Center for Teaching and Learning at (217) 206-6503. Information can also be requested at ctl@uis.edu. Credit/No Credit grading only.

UNI 311. Focused Reading. 2 hours.

Presentation and practice of concentration and retention techniques to support study in upper-division, content-area courses. Emphasis is on increasing literal, critical, and aesthetic comprehension as well as learning to manage reading assignments, adapt to variations in presentation of print information, and vary speed and comprehension to meet specific needs. Credits earned in this course may not be applied toward degree requirements. Contact: Center for Teaching and Learning at (217) 206-6503. Information can also be requested at ctl@uis.edu. Credit/No Credit grading only.

UNI 369. Writing/Speaking for International Students. 4 hours.

This course provides practice in writing and speaking standard academic English. It is limited to students whose native language is not English. International students who do not pass the English proficiency examination are required to enroll in this course during their first term at UIS. Credits earned in this course may not be applied toward degree requirements. Permission of instructor is required. Contact: Center for Teaching and Learning at (217) 206-6503. Information can also be requested at ctl@uis.edu. Credit/No Credit grading only.

UNI 399. Tutorial. 1 TO 12 hours.

UNI 401. Library Research Methods. 4 hours.

In this introduction to the library research process, students learn how to use the print and electronic tools that provide access to information. Students learn how to plan an effective research strategy and find books, journal articles, data, Internet resources, and other sources of information related to typical academic assignments. The course is especially recommended for students unfamiliar with the research process at a large, computerized academic library. Contact: Dean's Office, Library Instructional Services, at (217) 206-6597.

University Courses (UNI)

UNI 460. Global Experience Seminar. 4 TO 12 hours.

Periodically, UIS will offer study abroad seminars organized by UIS faculty and staff through the Global Experience Program. Seminars will be approved by the Global Experience Committee. Seminars will vary in content, location, and length. Contact: International Affairs Office at (217) 206-6678. Information can also be requested at isa@uis.edu. Credit/No Credit grading only. May be repeated to a maximum of 12 hours.

UNI 480. Global Experience Program. 6 TO 18 hours.

UIS provides its students with the option to study abroad at another institution through the Global Experience Program. Students who have been approved to study abroad by the Global Experience Committee will register for UNI 480 for the semester(s) they will be off-campus. Credit hours will vary and will be dependent on the number of credits taken abroad. Contact: International Affairs Office at (217) 206-6678. Information can also be requested at isa@uis.edu. Credit/No Credit grading only. May be repeated to a maximum of 18 hours.

UNI 499. Tutorial. 1 TO 12 hours.

May be repeated to a maximum of 12 hours.

Visual Arts (ART)

ART 101. Art Appreciation. 3 hours.

This course is a survey of the visual arts. By examining art through formal issues, content, and cultural context, students learn about various aesthetic approaches, philosophies, and cultural contributions within societies throughout time.

ART 151. ECCE: Arts and Identity: Japan & U.S. 3 hours.

Introduction to the arts of Japan and the United States. Explores relationships between the arts and the socio-cultural issues in these countries, including the importance of the arts in religious, political and popular rituals. Interdisciplinary focus is on points at which artistic traditions are related or have common themes. Course Information: Same as MUS 151.

ART 303. Ceramics. 4 hours.

Various techniques, including use of a potter's wheel, slab building, and glazing. Also includes introduction to origin of ceramics and its properties.

ART 311. Painting I. 4 hours.

Fundamentals of acrylic painting materials and techniques. Acquisition of formal language and concepts. Prerequisite: Experience in painting.

ART 312. Painting II. 4 hours.

Exploration of various styles of painting through a historical emphasis. Further development of technique through an exploration of a range of materials and processes. Prerequisite: ART 311.

ART 315. Photography I. 4 hours.

In depth exploration of the photographic process with an emphasis on creating a fine print. Topics include camera operation, developing and printing and image creation techniques. 35mm manually adjustable film camera required. Same as COM 315. Topical area: Mass Media.

ART 321. Life Drawing. 4 hours.

Exploration of rendering the human figure using live models. Acquisition of basic skills in relation to formal elements. Exploration of expressive possibilities of the human figure through both historical and personal work. Prerequisite: Prior drawing experience.

ART 332. Introduction to Printmaking: Intaglio Processes. 4 hours.

Introduction to the printmaking techniques of etching, aquatint, drypoint, collagraph, monoprint, and related processes. Emphasis on fine art conceptual issues and creativity as discovered through the time-honored practices of the traditional printmaking studio.

ART 333. Silkscreen and Lithography. 4 hours.

Introduction to water-based silkscreen using photo, hand-cut, and acrylic stencils, waterless plate lithography, and polyester plate lithography. Emphasis on creative application, safe art practices, and acquiring diverse technical printmaking skills.

ART 341. Sculpture I. 4 hours.

Designed for several approaches to form and its relationship to space. Emphasis on design and structure using various materials and approaches.

ART 342. Sculpture II. 4 hours.

Includes the use of clay and found objects. Designed to give the student an appreciation of sculpture through contemporary values. Prerequisite: ART 341, or equivalent.

Visual Arts (ART)

ART 351. Ceramics I. 4 hours.

Designed to let each student develop skills with clay, including problems in ceramic design and construction, with emphasis on developing individual style and competencies. Also includes glaze preparation, clay body preparation, and kiln firing and techniques. Prerequisite: ART 303, or equivalent.

ART 352. Ceramics II. 4 hours.

Various techniques with earthenware, its properties, and its firing possibilities. Emphasis on clay and glazes for earthenware, oxidation, reduction. Exploration of raku included. Prerequisite: ART 303 AND ART 351.

ART 372. Basic Video Production. 4 hours.

Theory, techniques, and equipment used in video production with emphasis on methods of camera operation and directing techniques through regular production assignments. Same as COM 352.

ART 406. Photography II. 4 hours.

Extension, development, and continuation of studies in black and white photography. Students should be increasingly able to generate their own ideas about the medium and work toward the production of a personal body of work. Expanded film and print manipulations, including solarization, sandwiched images, collage, and hand coloring. Same as COM 406. Prerequisite: ART 315 or COM 315. Students must purchase their own supplies.

ART 410. Special Studies In Ceramics. 4 hours.

Advanced studies in ceramics. Special projects to develop an individual's technical knowledge and style. Proposals are required, along with a journal.

ART 411. Painting III. 4 hours.

Development of personal expression and communication through individual exploration of the concepts acquired in Painting I and II. Research into historical influences on personal style. Prerequisites: ART 311, ART 312.

ART 412. Painting IV. 4 hours.

Continued development of a personal style through exploration and research. Acquisition of professional skills. Production of a consistent body of work. Preparation for independent study. Prerequisite: ART 411.

ART 413. Printmaking II. 4 hours.

Continuation of ART 332. Emphasis on technique, skill, and aesthetic development in contemporary nontoxic, solvent-free printmaking practices. Advanced exploration of etch and non-etch techniques using acrylic hardgrounds, water-based softgrounds, acrylic aquatint, photopolymer emulsions, and digital imaging techniques. Introduction to other printmaking methods such as relief and letterpress printing. Prerequisite: ART 332.

ART 414. Printmaking III. 4 hours.

Continuation of ART 413. Emphasis on technique, skill, and aesthetic development in contemporary nontoxic, solvent-free printmaking methods. Advanced research and exploration of etch and non-etch techniques and their combination with other print and hand work processes. Development of a cohesive body of printed works as well as a personal aesthetic within printmaking. Emphasis on advanced digital imaging applications for printmaking and photographic darkroom halftone processes. Prerequisite: ART 413.

Visual Arts (ART)

ART 420. Special Studies In Sculpture. 4 hours.

Advanced studies in sculpture. Special projects to develop technical knowledge and style. Proposals are required, along with a journal. May be repeated with approval. Prerequisite: ART 341, or equivalent.

ART 422. Contemporary Drawing. 4 hours.

Exploration of a variety of approaches to drawing, both traditional and nontraditional. Transition course using various techniques and materials and applying them to problems of contemporary expression. Prerequisite: Previous drawing courses.

ART 436. Graphic Design. 4 hours.

Introduction to the production of printed materials using desktop publishing, illustration, and image-manipulation software on the PC or Macintosh. Includes aesthetic understanding and use of typography and applications of basic design principles to publications such as posters and brochures. Same as COM 436.

ART 437. Graphic Design for Print Production. 4 hours.

Emphasis on creative problem solving to translate concept into form using Graphic Design Process. Design and production of printed materials such as multiple-page documents, newsletters, packaging, and corporate identities. Development of advanced software skills for digital preparation of artwork for commercial printing applications. Same as COM 437. Prerequisite: ART 436 or COM 436.

ART 438. Graphic Design for Web Development. 4 hours.

Conceptual development, planning, production, and the use of web development and graphic software applications to solve complex web design problems. Emphasis on project management, organization, and collaboration. Application of Graphic Design Principles specific to web design and development. Same as COM 438. Prerequisite: ART 437 or COM 437.

ART 439. Computer Animation. 4 hours.

Introduces students to the basic terminology, concepts, and principles of animation. Course covers historical perspective, current technologies and applications of animation, basic principles of 2D and 3D animation, and application of animation to the Web. Same as COM 439.

ART 441. Sculpture III. 4 hours.

Work in three dimensional media, with emphasis on developing skills in style and direction, using an applied approach to the material. Prerequisite: ART 341, or ART 342.

ART 442. Sculpture IV - Contemporary. 4 hours.

Contemporary approach, with emphasis on developing skills in style and direction, using the applied approach to the material. Prerequisite: ART 342, or equivalent.

ART 451. Ceramics III. 4 hours.

Investigation of various research procedures and preparation of glazes and clay bodies, with emphasis on glaze testing and kiln firing techniques. Also designed to further develop skills in ceramic design and construction. Prerequisites: ART 303 and ART 351, or ART 352.

ART 452. Ceramics IV. 4 hours.

Various techniques with contemporary forms, properties of clay, and firing possibilities. Emphasis on special effects in oxidation and reduction. Exploration of raku included. Prerequisites: ART 303 and ART 351, or ART 352.

Visual Arts (ART)

ART 455. Multi-Media Studio. 4 hours.

Studio opportunity to overlap two- and three-dimensional concerns and materials. Students with experience in one studio area may combine another, including video, sound, ceramics, sculpture, photography, or printmaking. May be repeated with approval. Prerequisite: Permission of instructor.

ART 460. Topics in Art. 4 hours.

ART 463. Modern Art History. 4 hours.

Major trends in painting and sculpture, 1820-1945.

ART 464. Contemporary Art History. 4 hours.

Important trends in the arts, 1945 to the present.

ART 465. Women in Art: Discovering Her Story. 4 hours.

Introductory art history survey of women artists practicing from the Middle Ages through contemporary decades. Examines women artists in the context of social, political, and cultural happenings that influenced content and visibility of women in art history.

ART 470. Special Art History Studies. 4 hours.

Various topics in art history. Special attention given to non-Western traditions and to topics related to the program's various studio courses. May be repeated if topics vary.

ART 471. Philosophy of Art. 2 OR 4 hours.

Nature and value of art, including such issues as: How is art distinguished from non-art? Can there be objective judgments about art? How is art related to science, religion, and politics? Survey of major philosophical writings about art in the Western tradition. Same as PHI 432.

ART 473. Video Field Production. 4 hours.

The development of technical skills as artistic tools through an examination of visualization and sequencing theory. Remote production and editing techniques are explored in actual production situations, along with analysis of the creative processes of videography and lighting. Same as COM 453. Prerequisite: ART 372 or COM 352. Topical area: Mass Media.

ART 474. Documentary Production. 4 hours.

Aesthetic and creative elements of video production are studied through the history and impact of film and video documentaries. Students will produce their own documentary programs. Same as COM 454. Prerequisite: ART 372 or COM 352.

ART 475. Multimedia Production and Electronic Imaging. 4 hours.

An in-depth exploration of production methodologies and techniques for multimedia. Topics include development processes, authoring and interactivity, digital video, animation, imaging tools, sound tools, hardware, cross platform development, and electronic imaging. The main purpose of this course is to familiarize the student with the tools and techniques of this emerging industry and to assist the student with the development of critical thinking and creative skills. Same as COM 455.

ART 476. Digital Production Technologies. 4 hours.

An opportunity for the student to show the culmination of his/her skills and thought processes through the development of a major production project. The student will combine the theoretical, technical, and creative aspects of production and provide an analysis of the methods and techniques used. Same as COM 456. Prerequisites: ART 372 /COM 352. Topical area: Mass Media

Visual Arts (ART)

ART 480. Special Studio Studies. 4 hours.

Advanced study in a specific studio area. Offered according to needs of students and qualifications of instructor. Areas may include pastels, bookworks, and/or mixed media sculpture. Students may repeat the course but may not repeat the same media or studio area. May be repeated if topics vary. Students may register in more than one section per term.

ART 482. Professional Skills. 4 hours.

Must be taken last semester of senior year. Includes writing resume, press releases, statement of purpose; photographing, installing, and lighting work; alternative documentation; active participation in gallery practices and exhibitions; awareness of hazardous materials; record keeping; and contracts and commissions. Current professional art journals will serve as texts. Fulfills four hours of applied study credit. Art majors only. Restricted to Visual Arts.

ART 489. Honors Project In Visual Arts. 4 hours.

Special projects of scholarly or creative nature conducted in close consultation with faculty adviser. Projects presented formally to visual arts faculty and students during final semester of residence. Prerequisite: Approval of a visual arts faculty member.

ART 498. Mastering Ceramics. 4 hours.

Designed for the student that has completed all requirements for the Bachelor of Arts degree and post-graduate student. A topic/direction will be approved and a journal will be required of all assignments and term papers' and/or reports. Course can be taken for 4 credit hours. Materials not furnished. No audits. Course can be repeated once with change in course topic. With permission of instructor only.

ART 499. Tutorial. 1 TO 12 hours.

May be repeated to a maximum of 12 hours with approval. Students may register in more than one section per term.

Women's Studies (WMS)

WMS 150. Topics in Comparative Society. 3 hours.

Introduction to comparative study of women's roles and gender issues across cultures. Same as SOA 150.

WMS 301. Women, Gender and Society. 4 hours.

Interdisciplinary introduction to historical contemporary issues of gender inequality faced by women. Topics include gender socialization, education, law, work, families, health, violence, and the women's movement. Topics and emphasis varies with instructor. (Fall and spring semesters) Highly recommended as the first course in Women's Studies. Same as SWK 382.

WMS 366. Culture, Diversity and Social Work. 4 hours.

Examination of the concepts of race, ethnic background, gender, sexual orientation, and disability in terms of causes and effects in the generation of social problems and the roles of social workers. Particular emphasis on personal and cultural attitudes towards diversity. Same as SWK 366. Prerequisite: SWK 222, or equivalent, or permission of the instructor.

WMS 403. Minority Women: Issues and Perspectives. 4 hours.

The experience of American women of color is at the center of this course. Interdisciplinary consideration of the intersection of race, class, and gender in the lives of women past and present. Same as AAS 403, HIS 453, and SWK 462.

WMS 411. Feminist Theories. 4 hours.

A range of feminist political theories including liberal, radical, socialist, postmodern, and global feminisms which offer different solutions to social issues such as the division of labor in the home and beyond, reproductive rights, and sexuality (spring semester). Same as PHI 411, POS 433, and SOA 408. Prerequisite: WMS 301 is recommended but not required.

WMS 415. Women's Studies Practicum. 2 TO 4 hours.

Group or individual research or community action projects relating to women. Projects designed jointly by students and faculty. Regular participation in colloquium, practicum journal, and research paper/project report required. May be repeated if topics vary.

WMS 422. Violence Against Women and Children. 4 hours.

Explores the two most common crimes against women and children: sexual assault and abuse, and domestic violence. Examines the nature and frequency of these assaults, legal definitions and treatment, victim and survivor experiences, criminal justice and social service responses, offender characteristics, victim services and treatment, and local community resources. Same as CRJ 422, and SWK 461.

WMS 424. Gender Communication. 4 hours.

Examines male/female communication in dating relationships, marriage, education, mass media, and the workplace. Analysis of the effects of verbal and nonverbal differences in each context. Same as COM 424.

WMS 425. Sexual Violence. 4 hours.

Different types of sexual violence to be examined include child sexual abuse, spousal rape, gang rape, date rape, drug-facilitated rape, prison rape, and serial lust murder. Some additional topics to be covered may include: rape myths, risk factors for rape, offender profiles, sex offender registration, consequences of rape, and prevention and treatment considerations. The course will also discuss grass root, institutional, and public policy responses to sexual violence at the national, state, community, and campus level and in different systems (criminal justice, mental health/medical system). The course will also explore culturally defined gender roles, the negative impact of such roles on sexual violence, and the role of the media in perpetuating sexual violence.

Women's Studies (WMS)

WMS 443. Women and Criminal Justice. 4 hours.

Examines women as perpetrators and victims of crime and as criminal justice professionals. Evaluates factors that contribute to women becoming involved with the criminal justice system in each of these capacities and assesses the degree to which the criminal justice system provides women with equitable treatment. Same as CRJ 443.

WMS 445. Law and Inequality. 4 hours.

The role of law and the legal system in creating, maintaining, and reducing inequality, with emphasis on race, class, and gender inequality in the United States. The relationship between law and the legal system and political/economic institutions and ideologies. Same as LES 404, POS 421, and SOA 425.

WMS 446. Family Law. 4 hours.

Law that affects the family. Topics include divorce, domestic violence, illegitimacy, adoption, child support and custody, parental control, abuse and neglect laws, issues affecting the elderly, domestic law reform, and the impact of the women's rights movement. Same as HDC 446, LES 446, SOA 454, and SWK 446. Not intended for students with Freshman or Sophomore standing.

WMS 447. Women in American Law. 4 hours.

Identification of sexism in American law, including constitutional standards, the ERA, employment, education, family and procreative concerns, and crime. Same as LES 447.

WMS 448. Law and Literature. 4 hours.

Readings and discussions of literature. Includes ideas of justice; the concept of property as influenced by class, race, gender, and sexual orientation; and individual conscience vis-?-vis the duty to obey law. Same as LES 456.

WMS 449. Nondiscrimination Laws in Employment. 4 hours.

Development and implementation of nondiscrimination laws in employment, including hiring, firing, promotion, terms and conditions, benefits and pay. Focus on protective labor laws, veteran preference, harassment, and due process requirements in employment. Same as LES 449, and PAD 452.

WMS 452. Sociology of Gender. 4 hours.

Analyzes creation, maintenance, and enforcement of female and male roles. Socialization processes, cultural definitions, major social institutions, and structured social inequality. Same as SOA 452.

WMS 453. Women Across Cultures. 4 hours.

Addresses the complexity of "Third World" women's lives including development and structural adjustment, reproductive rights and other health issues, violence against women, and highly effective activism. Same as SOA 453.

WMS 454. The History Of The Family. 4 hours.

The modern family in comparative and historical perspective. Selected themes -- changing patterns of household, intimacy, gender -- explored historically to understand their present importance. Same as HIS 454, and SWK 454.

WMS 455. Women in American History. 4 hours.

Explores the history of U.S. women beginning with American Indians. Examines themes of women in colonial society, domesticity, suffrage, reproduction, and work. Same as HIS 445.

Women's Studies (WMS)

WMS 456. Women in Political Movements: A Cross-Cultural Perspective. 4 hours.
Investigates gender dynamics of political movements in several countries around the world, including the United States, Brazil, Russia, Egypt, Iran, and India. The course examines gender as a dynamic social institution, interacting with class, race, nationality, sexual orientation, and culture. Same as SOA 455.

WMS 458. Women, Health, and Healing. 4 hours.
Traces women's past as healers and medical practitioners, as well as issues of women's health and medicine. Includes a multicultural emphasis and focuses primarily on the United States. Same as HIS 458.

WMS 460. Special Topics in Women's Studies. 2 TO 8 hours.
Independent study, structured reading, or research in the field of women's studies. Student should make arrangements with an appropriate faculty member. May be repeated if topics vary. Students may register in more than one section per term.

WMS 461. Major Women Writers. 4 hours.
Novels by such major female authors as Austen, the Brontes, Eliot, Woolf, Wharton, Lessing, and Cather. Same as ENG 461.

WMS 462. Images of Women in Literature. 4 hours.
Literary works created by women through the ages. Same as ENG 462. Course Information: This course fulfills a general education requirement at UIS in the area of Humanities.

WMS 463. Native American Women's Literature and Culture. 4 hours.
Novels, short stories, poetry, and literary and cultural criticism by Native American women writers, such as Paula Gunn Allen, Leslie Marmon Silko, Joy Harjo, and Louise Erdrich. Same as ENG 463.

WMS 464. Women's Spirituality. 4 hours.
Exploration of women's spirituality through novels, poetry, autobiographies, and essays by such authors as Gloria Naylor, Starhawk, Mary Daly, Audre Lorde, Judith Plaskow, and Carol Christ. Emphasis on students developing their own spiritual autobiographies. Same as ENG 464, AAS 464.

WMS 466. Multicultural American Women's Literature. 4 hours.
Explores the writings of women from such American cultures as Asian, American Indian, Latina, and African. Same as ENG 466.

WMS 467. Women-Centered Literature. 4 hours.
Examines works by women authors who identify themselves emotionally and/or erotically with other women, such as Radclyffe Hall, Rita Mae Brown, Dorothy Allison, Audre Lorde, and Jane Rule. Course emphasizes both the literature and its social history. May be repeated if topics vary. Same as ENG 467.

WMS 481. Women in Chinese and Japanese History. 4 hours.
Exploration of the histories of women in China and Japan over the last several centuries, with special attention to their changing roles and status in the 20th century. Same as HIS 481.

WMS 486. Childhood's Past. 4 hours.
Examines the history of childhood through fiction. Emphasis will be primarily on U.S. history. In addition to reading history and literature, students will engage in self-reflexive consideration of childhood with oral histories and personal memories. Same as ENG 486, and HIS 486.

Women's Studies (WMS)

WMS 499. Independent Study in Women's Studies. 2 TO 8 hours.

Independent study, structured reading, or research in the field of women's studies. Student should make arrangements with an appropriate faculty member. May be repeated if topics vary. Students may register in more than one section per term.

WMS 540. Seminar: Major Figures in American Literature. 4 hours.

One or two major authors, including significant research. May be repeated if topics vary. Students may register in more than one section per term. Restricted to Graduate students.

WMS 555. Women And Media. 4 hours.

Seminar exploring the role of women in media today. Examines women as participants in the media business and as subjects of the media and the impact of both on society. Same as COM 555. Restricted to Graduate students.

WMS 590. Topics in Womens Studies. 2 OR 4 hours.

May be repeated if topics vary. Restricted to Graduate students.

WMS 599. Independent Study. 2 TO 8 hours.

Independent study, structured reading, or research in the field of women's studies. Student should make arrangements with an appropriate faculty member. May be repeated if topics vary. Students may register in more than one section per term. Restricted to Graduate students.