

Course Descriptions

Many course descriptions contain the frequency of the course offering. These indications are meant only as guides for planning purposes. The University will make an earnest effort to offer the courses when indicated, but reserves the right to offer them more or less frequently if circumstances dictate. Students should check with the appropriate college or department for exact information on when individual courses will be offered.

Note: () Time of course offerings. (W) Writing Intensive Course. (IG) Global Issues Course. (NW) Non-Western Course.*

Academic Skills (ASK)

099 Student Success Seminar (0)

ASK 099 is open only to students to whom the course is recommended by the faculty Academic Appeals Committee. It is a semester-long course of seminars that meet one day a week. The lectures and activities presented in the seminars are motivational and developmental in nature. The sessions include such topics as confidence, study approach, emotional well-being (coping with feelings of defeat, stress-management strategies), the importance of recognizing success, problem-solving, assessment of personal strengths and weaknesses, involvement in on-campus and community activities, setting realistic academic and life goals, health issues, taking responsibility for academic and career decisions, and dealing successfully with professors. The University Advising staff and guest speakers from several areas of the University facilitate the seminars.

100 Academic Skills (1)

An individualized skill-building course in which students enhance their reading/study skills using their own textbooks, improve their time management and organizational skills, and work on test-taking competencies. A basic class for students who understand that they will need new and different study skills to be successful in the college environment. (*each seven weeks of fall and spring semesters)

200 CRLA Training (1)

This course is open to students who are tutors in ACE, Saunders, CDTs or Sophomore Mentors. Training components leading to certification in college reading and learning will be covered in this 14-week program. Students who complete ASK 200 are eligible for regular and advanced certification. Other requirements apply. Topics covered in ASK 200 include policies and philosophy, active listening, specific tutoring techniques, learning styles and study skills. (*fall semester)

300 CRLA Training (1)

This course is a review of the techniques of ASK 200. Additional training components include adult learners, intercultural communication, assertiveness training and special populations. CLAs completing the course and other requirements are eligible for Master Level Certification in CRLA. (*spring semester)

Accounting (ACC)

202 Financial Accounting Information (3)

Studies external financial reporting of enterprises. Examines the creation, flow and analysis of enterprise financial information including income statement, balance sheet and statement of owner's equity. Significant use of electronic data retrieval and spreadsheet applications is required. (*fall and spring semesters)

203 Managerial Accounting (3)

Prerequisite: ACC 202. A study of liabilities, equities, basic cost systems and cost/volume/profit analysis. (*fall and spring semesters)

304 Cost Accounting (3)

Prerequisites: ACC 202 and 203, MAT 160, ITM 200 and 210. Covers methods of estimating product cost, responsibility segments, capital budgeting and cost-behavior patterns. (*spring semester)

310, 311, 312 Intermediate Accounting I, II, III (3,3,3)

Prerequisites: MAT 160, ACC 202. ACC 310 is prerequisite for ACC 311 and 312. ACC 311 is prerequisite for ACC 312. An introduction to alternative methods of income measurement and asset valuation used in financial reporting. (*310: fall and spring semesters; 311: spring semester; 312: fall semester)

351 Accounting Information Systems (3)

Prerequisites: ACC 202 and 203, ITM 200. Covers design and implementation of manual, mechanical and electronic systems for processing accounting data. Shows use of accounting data in management planning and control systems. (*fall semester)

352 Federal Tax Accounting I (3) (W)

Open to all students. Prerequisite: ACC 202. Study of U.S. federal taxation system concentrating on issues of individual taxation. Significant emphasis on research tools and technology in the taxation field. Students will complete a volunteer tax clinic requiring some evening or weekend commitment. (*fall semester)

401 Auditing and Attestation I (3) (W)

Prerequisites: ACC 310 and 351, ITM 210. Examines generally accepted auditing standards, ethics, reporting and objectives. (*fall semester)

402 Auditing and Attestation II (3)

Prerequisites: ACC 401 or equivalent with permission of the instructor. Current audit practice issues including recent pronouncements, ethics, EDP auditing and technology. (*spring semester)

405 Advanced Financial Accounting (3)

Prerequisites: ACC 311 and 312. Covers home office and branch accounting, as well as preparation of consolidated financial statements for interlocking corporations and partnerships. (*fall semester)

430 Not-for-Profit Accounting (3)

Prerequisite: ACC 311. Covers basic principles of accounting for government units, hospitals, universities, churches and other nonprofit organizations. (*fall semester)

453 Federal Tax Accounting II (3)

Prerequisite: ACC 352. Laws, regulations and court opinions governing taxation of corporations, partnerships and estates. Significant exposure to tax research tools. Students will complete a volunteer tax clinic requiring some evening or weekend commitment. (*spring semester)

490 Accounting Internship (3-6)

Prerequisites: junior or senior standing with at least a 2.75 overall GPA OR at least a 2.5 overall GPA and a 3.0 in COB courses; completion of five accounting classes at or above the 300 level with a 3.0 average in those classes. Examines practical aspects of public accounting through internship at a local firm under supervision of faculty and firm representatives. May not be used to satisfy major requirements. May be repeated for credit beyond 124 hours. Approval of the associate dean required. (*fall and spring semesters)

495 Topics in Accounting (1-4)

Prerequisite: consent of the associate dean of the John H. Sykes College of Business. A readings or independent studies course taken for variable credit. (*when needed)

600 Topics in Accounting (1-3)

For graduate students only. Prerequisite: written permission of the department chair. Contemporary topics in accounting.

602 Essentials of Accounting and Finance (3)

For graduate students only. Prerequisite or concurrent: ITM 603. This course examines the creation of key external financial statements and planning, control and evaluation of internal performance. It includes the examination of development and application of financial information. Market efficiency and capital asset pricing models also are explored. The essentials of capital procurement and capital structure risk are examined.

604 Advanced Managerial Accounting (3)

For graduate students only. Prerequisites: undergraduate accounting degree or permission of the instructor. This course is a comprehensive study of managerial accounting concepts, including sophisticated costing systems and delivery of usable information to management.

615 Financial Disclosure Analysis of Enterprises (1.5)

For graduate students only. Prerequisites: ITM 605 or ACC 602; and ITM 603. The course is an advanced study of financial statement presentation for capital markets. Students apply methods to analyze and evaluate a business entity's performance by reading its financial statements and related footnotes; researching information on the performance of a business, its industry or major competitors; and arriving at conclusions in the areas of investing in stocks and bonds or extending credit/loans. The course requires significant use of public financial databases (e.g., Internet accessible sources, COB trading center and library resources).

620 Financial Accounting Theory

For graduate students only. Prerequisites: ITM 605 or ACC 602; and ITM 603; and ACC 621. This course focuses on how accounting theory and policy impact the types of accounting information that are collected and how this information is aggregated. The Financial Accounting Standards Board's Conceptual Framework, which guides generally accepted accounting principles (GAAP), is the launching point for examining the economic, political and social consequences of accounting policy decisions.

621 Using Financial Information for Decision Making (1.5)

For graduate students only. Prerequisites: ITM 605 or ACC 602; and ITM 603. The course shows students that in a world of global competition, continuous improvement, process engineering and employee empowerment, management accounting is used by decision makers at all levels. Modern techniques and software also are introduced as aids in helping managers within the context of an organization's strategy.

640 Controllership (3)

For graduate students only. Prerequisite: FIN 610. This course is a repository for all the skills that a modern controller needs. Among the concerns addressed by this course are electronic commerce, improved accounting operations efficiency, use of derivatives, internal auditing functions, activity-based costing, and inventory tracking systems. Cases from The Darden School of Business, Harvard Business School, and The Thunderbird School of Business will be used exclusively.

645 Business Analysis and Valuation (3)

For graduate students only. Prerequisite: FIN 610. This course will show the student how business analysis and valuation framework can be applied to a variety of decision contexts, including securities analysis, credit analysis, corporate financing policies analysis, merger and acquisition analysis, and management communications analysis. Relevant institutional details and the results of current academic research will be heavily discussed.

660 U.S. Federal Taxation and Executive Decision Making (1.5)

For graduate students only. Prerequisite: ACC 352 or permission of the instructor. This course focuses on key management decisions faced by managers in all disciplines. Topics focus on current business models and may include enterprise organization, compensation and stock alternatives, asset acquisition and disposition, intellectual capital, asset management and cost recovery decisions. Students study models and application, not a code-based course.

661 Global Taxation and Enterprise Management (1.5)

For graduate students only. Prerequisite: ACC 660. Successful taxation models for navigation of local, regional, national and global operations are explored. Key organizational

strategies for successful integration of global tax strategy for not-for-profit and for-profit business enterprise. Topics focus on current issues and may include transfer pricing, exchange and currency issues, taxation schemes in various jurisdictions, international trade, state and local taxation, excise taxes, customs, duties and penalties. Students study models and application, not a code-based course.

683 Legal Environment of Enterprise Organization and Capitalization (1.5)

For graduate students only. Application of the legal nuances of organization and capital formation for managers provide the basis for this course. This course studies how and why organizations are formed and dissolved at the levels of small, medium and multinational enterprise. Joint ventures, partnerships, LLC, LLP and corporations are explored.

Air Force ROTC (AFR)

Air Force ROTC courses are open only to students enrolled in the Air Force Reserve Officers' Training Corps program offered under the cross-town agreement with the University of South Florida.

1101 The Air Force Today: Organization and Doctrine I (1)

Introduction to the Air Force in a contemporary world through a study of its total force structure and mission.

1120 The Air Force Today: Structure and Roles (1)

A study of strategic the offensive and defensive forces, general purpose forces, and aerospace support forces that make up the Air Force of today.

2001 Air Force Leadership Laboratory (0)

Leadership Laboratory is required for each of the Aerospace studies courses. It meets one hour and 45 minutes per week. Instruction is conducted within the framework of an organized cadet corps with a progression of experiences designed to develop each student's leadership potential. Leadership laboratory involves a study of Air Force customs and courtesies; drill and ceremonies; career opportunities in the Air Force; and the life and work of an Air Force junior officer. Students develop their leadership potential in a practical laboratory, which typically includes field trips to Air Force installations.

2130 The Development of Air Power I: Ascension to Prominence (1)

A study of air power from balloons and dirigibles through the jet age. Emphasis is on the employment of air power in WWI and WWII and how it affected the evolution of air power concepts and doctrine.

2140 The Development of Air Power II: Key to Deterrence (1)

An historical review of air power employment in military and nonmilitary operations in support of national objectives. Emphasis is on the period from after WWII to the present.

2940 Basic Aerospace Internship (3)

Internship credit is given to any student who successfully completes an extended (five-week) Field Training (FT) encampment. FT is a mandatory program for all individuals seeking Air Force commission through AFROTC. The program is designed to develop military leadership and discipline, provide Air Force orientation and motivation, and determine potential for entry into the Professional Officer Course (POC) en route to a career as an Air Force officer. FT is conducted at encampments hosted by Lackland AFB, TX; Tyndall AFB, FL; and Ellsworth AFB, SD. To successfully complete FT, the student must complete at least 70 percent of the required training according to the Field Training Syllabus and not be absent from the FT encampment for more than 72 consecutive hours. The student also must pass the PFT, attain a minimum 70 percent academic average, and not be rated as "unsatisfactory" in any single performance factor block (sub-area) or receive an overall score of "unsatisfactory" on the AFROTC Form 70, Field Training Performance Report.

3220 Air Force Leadership and Management I (3)

An integrated management course emphasizing the individual as a manager in an Air Force milieu. The individual motivational and behavioral processes, leadership, communication, and group dynamics are covered to provide a foundation for development of the junior officer's professional skills as an Air Force Officer (officership.) The basic managerial processes involving decision-making, utilization of analytic aids in planning, organizing, and controlling in a changing environment are emphasized as necessary professional concepts.

3231 Air Force Leadership and Management II (3)

A continuation of the study of Air Force advancement and leadership. Concentration is on organizational and personal values, management of forces in change, organizational power, politics, and managerial strategy and tactics discussed within the context of the military organization. Actual Air Force cases are used to enhance the learning and communication processes.

4201 National Security Forces in Contemporary American Society I (3)

A study of the armed forces as an integral element of society, with emphases on American civil-military relations and the context within which U.S. defense policy is formulated and implemented. Special themes include societal attitudes toward the military and the role of the professional military leader-manager in a democratic society.

4211 National Security Forces in Contemporary American Society II (3)

A continuation of the study of the Armed Forces in Contemporary American society. Concentration is on the requisites for maintaining adequate national security forces; political, economic and social constraints on the national defense structure; the impact of technological and international developments on strategic preparedness; the variables involved in the formulation and implementation of national security policy; and military justice and its relationship to civilian law.

Art (ART)

Courses offered for one to six hours of credit are to be taken on a concentration basis with the consent of the instructor or, for art majors, the instructor or main advisor. Four-hour studio courses meet six hours weekly. Courses are open to all students, regardless of major, unless otherwise indicated.

101 Form and Idea (4) (W) (IG)

A non-studio-oriented course designed to increase an overall understanding of art. The course concentrates on the various social and historical factors that have affected art throughout time. Issues examined include why art is created; how it is used; how it affects us, collectively and individually; how it is formed; and the value it has for enriching our lives. May not be used to satisfy major or minor degree requirements in art. (*fall and spring semesters)

153 Beginning Drawing (4)

A studio/performance-oriented course; an introduction to traditional problems in drafting and pictorial organization. Involves development of pictorial form and space by line and value through a variety of media. (*fall and spring semesters)

154 Figure Drawing (4)

A studio/performance-oriented course; an introduction to problems in pictorial organization, using the human figure and other organic forms as reference. (*fall and spring semesters)

200 Introduction to Ceramics (4)

A studio/performance-oriented course; an introductory course designed to acquaint the student with the principles of ceramics as a medium for aesthetic expression. Emphasis is

given to hand-building techniques, surface enrichment, ceramic history, ceramic geology, aesthetics and conceptual development. (*fall and spring semesters)

201 Beginning Painting (4)

A studio/performance-oriented course using a variety of media and approaches to pictorial elements. Perceptual training by means of still-life exercises, problem-solving projects and freedom to use the imagination are stressed.

202 Beginning Sculpture (4)

A studio/performance-oriented course; an approach to sculptural form and problems through the sculptural use of classic and contemporary materials and methods. Emphasizes the separate nature of carved and modeled forms and the value of the character of the material on the final work. (*fall and spring semesters)

203 Beginning Printmaking (4)

A studio/performance-oriented course. An approach to printmaking as an expressive medium through exploration of form and pictorial organization in dry point, relief and intaglio printmaking. (*fall and spring semesters)

204 Beginning Design (4)

A studio/performance-oriented course covering the fundamental principles of visual organization. Emphasizes two-dimensional design and the use and theory of color.

205 Intermediate Sculpture (4)

A continuation of ART 202. (*fall and spring semesters)

206 Introduction to Graphics Design (4)

An introductory study of the creative processes associated with the graphic design field. Emphasis on creative problem-solving, basic design principles and the integration of type and imagery as applied to realistic graphic design problems.

208 Beginning Photography (4)

A studio/performance-oriented course; an introduction to materials and techniques of photography. (*fall and spring semesters)

210 Beginning Computer Graphics (4)

A studio/performance-oriented course. Introduction to the use of computer hardware and software from an aesthetic point of view. This course introduces the basics of desk-top publishing and emphasizes the creative use of layout and drawing programs.

215 Graphic Design II (4)

A continuation of Art 206. Introduction to Graphics Design II, with emphasis on the development of the creative process as applied to design problem solving. Focus is on the development of ideas and the tools used to execute design solutions. Subjects covered include print advertising, brochures, logotypes, signage, packaging and illustration, and how each ties in with marketing strategy.

217 Three-Dimensional Animation (4)

An introduction to three-dimensional computer animation exploring the basic techniques of modeling and animation. The course will also include necessary aspects of texture mapping, deformation, motion control, lighting, cameras and rendering.

224 Video as Personal Expression (4)

A studio/performance-oriented course; an introduction to the basic tools of video designed to encourage the exploration of the expressive potential of the medium. May be substituted for COM 243 as an introductory-level video production course.

244 Image Processing (4)

A studio/performance-oriented course. Prerequisite: ART 224 or equivalent. A basic introduction to the potentials of hybrid image-processing equipment. Students shoot videotapes for the purpose of altering the images using image-processing tools.

268 Art History, Survey I (4) (W)

A critical and analytical study of the architecture, sculpture, painting and minor arts from the Prehistoric era to the Gothic period. Emphasis is given to the social and cultural influences that affected the development of art in Western civilizations.

269 Art History, Survey II (4) (W)

A critical and analytical study of the architecture, sculpture, painting and minor arts from the Renaissance to the 20th century. Emphasis is given to the social and cultural influences that affected the development of art in Western civilizations.

270 History: Primitive Culture (4) (W) (NW) (IG)

A critical and analytical study of significant primitive historical and prehistoric works of art with reference to architecture, sculpture, painting and the minor arts.

271 History: Pre-Columbian (4) (W) (NW) (IG)

A critical and analytical study of significant pre-Columbian works of art with reference to architecture, sculpture, painting and the minor arts. (*spring semester)

272 History: Ancient Cultures of the Near East (4) (W) (NW) (IG)

A critical and analytical study of ancient Middle Eastern historical works of art with reference to architecture, sculpture, painting and the minor arts.

273 History: Greco-Roman (4) (W) (IG)

A critical and analytical study of the ancient Mediterranean area and significant Greco-Roman works of art with reference to architecture, sculpture, painting and the minor arts.

274 History: Medieval (4) (W)

A critical and analytical study of significant Medieval works of art with reference to architecture, sculpture, painting and the minor arts.

275 History: Renaissance (4) (W)

A critical and analytical study of significant Renaissance works of art with reference to architecture, sculpture, painting and the minor arts.

276 History: Baroque and Rococo (4) (W)

A critical and analytical study of significant Baroque and Rococo works of art with reference to architecture, sculpture, painting and the minor arts.

277 History: Foundations of Modern Art (4) (W)

A critical and analytical study of 20th-century painting, sculpture, photography and architecture with an emphasis on the conditions and circumstances that caused them to evolve to their present states. (*fall semester)

278 History: Cultures of the Far East (4) (W) (NW) (IG)

A critical and analytical study of the architecture, sculpture, painting and minor arts of the Far Eastern cultures of India, China and Japan.

279 History: Neo-Classical to Modern Origins (4) (W)

A critical and analytic study of neo-classicism, romanticism, realism, impressionism, and post-impressionism including influences on the development of contemporary Western art with specific references to painting, sculpture and architecture.

300 Advanced Ceramics (4)

A studio/performance-oriented course; a continuation of ART 200. This course introduces the techniques of wheel throwing. Students may opt to continue with advanced hand-building problems intended to help develop a more personalized aesthetic approach. Kiln firing and glaze development also are introduced. (*fall and spring semesters)

301 Advanced Painting (4)

A studio/performance-oriented course; a continuation of ART 201. (*fall and spring semesters)

302 Advanced Sculpture (4)

A studio/performance-oriented course designed to give intensified experience in sculptural form with emphasis on individual experimentation and competence in one or more sculptural materials. (*fall and spring semesters)

303 Advanced Printmaking (4)

A studio/performance-oriented course; a continuation of ART 203. (*fall semester)

304 Advanced Drawing (4)

A studio/performance-oriented course; a continuation of ART 153 and 154 with emphasis on the relationship of advanced principles to pictorial organization and drawing as a final form. (*fall and spring semesters)

308 Advanced Photography (4)

A studio/performance-oriented course designed to increase a student's technical knowledge and ability for individual expression. Problems involve multiple imagery, serial photography and other exercises to increase a student's creative potential. Encourages experimentation with larger format, as well as other aspects of the photographic medium. (*spring semester)

310 Advanced Computer Graphics (4)

A studio/performance-oriented course. Prerequisite: ART 210. A continued exploration of graphics programs with emphasis on the creative use of available tools. Three-dimensional modeling, animation, and interactive media are used.

Note: The following studio/performance-oriented courses require the consent of the instructor and may be repeated for additional credit.

400 Special Problems: Ceramics (1-6)

A studio/performance-oriented course. Prerequisite: consent of instructor. Allows the professionally oriented art student to select and intensively explore ceramics with the guidance of a member of the art faculty. (*fall and spring semesters)

401 Special Problems: Painting (1-6)

A studio/performance-oriented course. Prerequisite: consent of instructor. Allows the professionally oriented art student to select and intensively explore painting with the guidance of a member of the art faculty. (*fall and spring semesters)

402 Special Problems: Sculpture (1-6)

A studio/performance-oriented course. Prerequisite: consent of instructor. Allows the professionally oriented art student to select and intensively explore sculpture with the guidance of a member of the art faculty. (*fall and spring semesters)

403 Special Problems: Printmaking (1-6)

A studio/performance-oriented course. Prerequisite: consent of instructor. Allows the professionally oriented art student to select and intensively explore printmaking with the guidance of a member of the art faculty. (*fall and spring semesters)

404 Special Problems: Drawing (1-6)

A studio/performance-oriented course. Prerequisite: consent of instructor. Allows the professionally oriented art student to select and intensively explore drawing with the guidance of a member of the art faculty. (*fall and spring semesters)

408 Special Problems: Photography (1-6)

A studio/performance-oriented course. Prerequisite: consent of instructor. Allows the professionally oriented art student to select and intensively explore photography with the guidance of a member of the art faculty. (*fall and spring semesters)

410 Special Problems: Computer Graphics (2-6)

A studio/performance-oriented course. Prerequisite: consent of instructor. Allows the professionally oriented art student to select and intensively explore computer graphics with the guidance of a member of the art faculty.

411 Internship in Applied Art (1-4)

A studio/performance-oriented course. Prerequisites: junior and senior art majors only, with consent of instructor. Involves placement in an advertising agency, magazine or related enterprise for hands-on experience. May be repeated for additional credit. (*fall and spring semesters)

415 Special Problems: Graphic Arts (2-6)

A studio/performance-oriented course. Prerequisite: consent of instructor. Allows the professionally oriented art student to select and intensively explore the graphic arts with the guidance of a member of the art faculty.

Arts Management (ARM)

200 Introduction to Arts Management (2)

A survey of nonprofit fine arts management practices such as fund-raising, public relations, audience development and management structure. (*fall semester)

480 Seminar in Arts Management (2-4)

Prerequisites: completion of six hours of ARM 200 and 498. Content varies as announced in class timetable. Requires consent of arts management advisor. May be repeated for additional credit if content varies. (*fall and spring semesters)

498 Internship (1-15)

Prerequisites: ARM 200 and consent of instructor. Involves on-the-job experience in fine arts management agencies. The Tampa Arts Council, Plant Museum and Scarfone/Hartley Galleries are representative. The internship should be taken throughout the sophomore, junior, and senior years, with 2 credit hours for seniors to combine with ARM 480, Senior Seminar. (*fall and spring semesters)

Biology (BIO)

See also marine science courses. All courses include lecture and laboratory, except where noted otherwise.

112 Environmental Science (3) (IG)

An interdisciplinary study concerned with the historical, ecological, social, political and economic ramifications of the global environmental crisis. Addresses such issues as demographics, energy, pollution, natural resources and environmental policy. Satisfies general curriculum distribution requirements. Is not applicable toward a biology or marine science major or minor. Lecture only. (*fall and spring semesters)

120 Wildlife Conservation (3)

This course, designed for non-science majors, studies the emerging field of conservation biology in terms of bio-diversity, economic values, ethical considerations, ecosystem degradation, extinction and endangered species. This course also stresses conservation strategies, government actions and international approaches to conservation and sustainable development. Satisfies general curriculum distribution requirements, but is not applicable toward a biology, marine science or environmental science major or minor. Lecture only.

124 Biological Science (3)

This course is a survey of topics in biological sciences for students not majoring in biological or chemical sciences. The course is structured in a lecture/discussion format to allow flexibility in pursuit of contemporary topics in biology. Satisfies a portion of the natural science component of the general curriculum distribution, but is not applicable toward a biology or marine science major or minor. Lecture only. (*fall and spring semesters)

128 Fundamentals of Science (3)

This course deals with fundamental principles of physical, chemical and biological science including methods of scientific inquiry and philosophy, techniques for analysis of scientific data, scientific writing and scientific vocabulary. The course is intended for prospective science majors in preparation for taking BIO 203 and BIO 204. Credit for this course counts as a general elective toward graduation. Lecture only. Students must complete BIO 128 with a grade of “C” or better to register for either BIO 203 or BIO 204. (*fall semester)

190 Animal Behavior (3)

Designed for non-science majors. Studies the basic concepts of behavior as seen through ethnological, ecological and psycho-biological perspectives. Stresses the evolution and adaptive significance of behavior. Topics include the biological bases of social interactions, territoriality, aggression, mating strategies, predator-prey relationships, instinct and learning, as well as the genetic basis of behavior. Satisfies general curriculum distribution requirements. Lecture only.

203 Biological Diversity (laboratory included) (4)

Examines the diversity in the plant and animal phyla, emphasizing taxonomy, ecology, behavior, evolution and reproduction. (*fall and spring semesters)

Note: Students must complete BIO 203 and 204 with a grade of “C” or better to register for any Biology Department course requiring BIO 203 and 204 as prerequisites.

204 Biological Unity (laboratory included) (4)

A study of cellular biology, emphasizing cell structure, metabolism, control mechanisms, and genetic systems of plants and animals. (*fall and spring semesters)

212 Ecology (laboratory included) (4) (W)

Prerequisites: BIO 203 and 204. Ecology examines relationships between species and their environment. Students explore the contributions of abiotic and biotic factors to limitations in numbers and distributions of organisms. A strong emphasis is placed upon classical ecological issues such as production dynamics, predator-prey interactions, competition and life history strategies in marine, freshwater and terrestrial ecosystems. (*fall semester)

220 Behavioral Biology (4)

Prerequisites: BIO 203 and 204 (or equivalent). This course focuses on recent advances concerning the evolution and adaptive significance of behavior from a comparative point of view. Topics include the genetic basis of behavior, the nervous system and integration of behavior, innate behaviors vs. learning and memory, social behavior, mating, predator-prey relationships, migrations, and the biological bases of aggression, territoriality and communication. This course also addresses some of the above topics as they pertain specifically to marine mammals. This course may be used as one of the required electives for the biology, marine science-biology, or environmental science majors. Lecture only. (*fall semester)

224 Invertebrate Zoology (laboratory included) (4)

Prerequisites: BIO 203 and 204. A study of the structure, physiology, life histories and group relationships of invertebrate animals. (*fall and spring semesters)

225 Vertebrate Zoology (laboratory included) (4)

Prerequisites: BIO 203 and 204. A study of the structure, ecology, behavior and taxonomy of the major vertebrate classes. (*spring semester)

228 Biology of Plants (laboratory included) (4)

Prerequisites: BIO 203 and 204. Studies the morphology, anatomy and physiology of vascular plants, with emphasis on plants and their role in human society. Additional emphases are placed upon plants’ reproduction, response to environmental change, ethnobotany, medicinal botany, and the development and uses of plants in ancient and modern human societies. (*spring semester)

242 Introduction to Environmental Science and Policy (lecture only) (4) (IG)

Prerequisites: BIO 203 and 204. The course covers many of the most threatening environmental problems currently facing society. When possible, these issues are discussed at local, national and global levels to demonstrate how policy and cultural differences impact the various threats to the environment and the human population. Environmental threats are discussed both in the context of their impact on natural ecosystems and their potential threat to human health and economic growth. This course may be used as an elective for marine science-biology and biology majors, and is a required course for a major and minor in environmental science. (*fall semester only)

250 Comparative Vertebrate Anatomy (laboratory included) (4)

Prerequisites: BIO 203 and 204. Examines vertebrate evolution through a detailed study of the organ systems of the shark, mud puppy and cat. (*fall semester)

300 General Genetics (laboratory included) (4)

Prerequisites: BIO 203 and 204, CHE 152 and 153, and MAT 170. A detailed survey of Mendelian, molecular and evolutionary genetics. Topics covered include mechanisms and patterns of inheritance, recombination, linkage, mapping, gene expression and regulation, mutation, DNA damage and repair, DNA technologies, population and quantitative genetics. (*fall semester)

307 Microbiology (laboratory included) (4) (W)

Prerequisites: BIO 203 and 204, CHE 154, and MAT 170. A study of the structure, function and taxonomy of microorganisms, and their interactions with humans and their environment. (*fall semester)

310 Developmental Biology (laboratory included) (4) (W)

Prerequisites: BIO 203 and 204. BIO 250 recommended. A study of the developmental process in animals, with emphases on cellular mechanisms, controlling development and morphology of embryos. (*spring semester of odd-numbered years)

317 Parasitology (laboratory included) (4)

Prerequisites: BIO 203 and 204. A study of the major groups of parasites, emphasizing those affecting humans and domesticated animals. Examines the morphology, life history, ecology and pathogenicity of each parasite. (*spring semester)

320 Molecular Genetics (laboratory included) (4)

Prerequisites: BIO 203 and 204, CHE 152 and 153, and MAT 170. This course addresses the major concepts in the field of genetics with an emphasis on the molecular basis of genetics. Major topics include DNA and protein chemistry, prokaryotic and eukaryotic DNA replication, transcription, translation and gene regulation, protein trafficking, pedigree analysis, DNA technologies, DNA damage and repair, recombination, transposable elements, genomics, chromosome structure, transgenic organisms and current advances in molecular genetics. (*spring semester)

330 General Physiology (laboratory included) (4) (W)

Prerequisites: BIO 203 and 204, CHE 154 and 155 and MAT 170. A study of the major physiological systems of animals from a comparative perspective. Covers functional anatomy, homeostasis, evolutionary relationships, neurobiology, endocrinology, and cardiovascular and environmental physiology. (*fall semester)

340 Ichthyology (laboratory included) (4) (W)

Prerequisite: BIO 225 or 250. This course examines the relationship between the unifying biological principles of evolutionary adaptation and the diversity of form and function found among fishes. The course considers the physical and biological selective pressures this group of vertebrates has faced during its evolutionary history and the morphological, physiological, developmental and behavioral adaptations that have arisen in response to these ecological factors. How fishes function in marine and freshwater ecosystems and the man-

agement actions being taken to conserve fishes as natural resources also are examined. (*spring semester)

346 Conservation Biology (4) (W)

Prerequisite: BIO 212 or MAR 322. A study of the biological and human factors relating to the current global extinction crisis and how conservation practices are used to evaluate and preserve threatened species and habitats. Emphases are placed upon how issues in ecology, population, biology and taxonomy affect the status of a species, and how these issues relate to policy and management decisions. Materials covered will be connected to current literature in weekly discussion periods. This course may be used as one of the required electives for biology and marine science-biology majors. Lecture only. (*spring semester)

350 Cell Biology (laboratory included) (4)

Prerequisites: BIO 203 and 204, CHE 232 and MAT 170. A study of general cellular organization, evolution, the physical-chemical aspects of living systems and cell activities, energetics, cell division, membranes and membrane phenomena, the molecular basis of excitability, movement, cellular recognition and biochemistry. (*spring semester)

360 Immunology (laboratory included) (4) (W)

Prerequisites: BIO 204, CHE 232 and MAT 170. BIO 307 and 350 are strongly recommended. A study of the fundamental concepts of immunology, including the essentials of immunological expression, cellular and humoral immunity, immunity and disease, auto-immunity, and developmental and comparative immunology, focusing on landmark experiments that underlie its theoretical framework. (*spring semester)

390 Essentials of Electron Microscopy (4)

Prerequisites: BIO 203 and 204, CHE 152 and 153, and consent of instructor. Introduces the techniques used in preparation and viewing of biological specimens on the scanning and transmission electron microscopes. (*occasionally)

400 Evolution (4)

Prerequisites: BIO 203 and 204, CHE 152, 154, MAT 170, and Junior standing. A study of the scientific foundations of evolutionary theory and the mechanisms responsible for evolutionary change. Topics covered include an historical perspective of evolution, origin of life, natural selection and adaptation, levels of selection, fitness concepts, speciation, Darwinian evolution and punctuated equilibria, extinction, the fossil record, life history evolution and human evolution. Lecture only. (*spring semester)

410 Senior Seminar (1)

Prerequisite: senior standing in biology or marine science. An in-depth study of a current topic in biology. Requires independent study project and presentation. (*fall and spring semesters)

440 Selected Topics in Biology (2) (W)

Prerequisites: at least 16 hours in biology, minimum grade point average of 2.75 in the major, and faculty consent. Students select a topic of interest in biology and explore the subject thoroughly through independent library research. A formal paper with extensive literature review is presented to a committee of the biology faculty. Oral presentation of results can be used in place of BIO 410. (*fall and spring semesters)

450 Biological Research (4) (W)

Prerequisites: at least 16 hours in biology, a GPA of 3.0 in the major, and consent of department chairperson. Problems must be selected in consultation with the department chairperson and the professor in charge of the project. Requires two hours each week for each credit attempted, a research paper, and oral presentation of topic. (*fall and spring semesters)

495 Special Topics (1-4)

Requires permission of instructor. A lecture or laboratory course offered at the discretion of the Biology Department. Subject may focus on a current issue in biology, training in a

specific research technique, or an area of biology that is of interest to a particular group of students.

499 Biological Internship (1-8)

Prerequisites: BIO 203 and 204, 56 semester hours of credit with at least a 3.0 average in the major, or approval of the department. Note: Prerequisite courses may be specified by the employer. Provides practical experience in science-related programs in a firm or agency, under the supervision of faculty and firm representatives. Can be accomplished on a part-time or full-time basis. Graded on a pass-fail basis. Counts as a general elective only. (*fall and spring semesters)

Career Services (CAR)

401 Job Search Strategies (1)

Prerequisite: junior or senior standing. Covers current trends of job searching. Resume development, interviewing techniques, proper correspondence, resumes for the Internet, and job searching through various media are addressed through professional lectures, research methods, guest lecturers and class assignments. (*seven weeks)

Chemistry (CHE)

A grade of “C” or better is required in each chemistry or biochemistry course and each supporting course specified for a chemistry or biochemistry degree. All courses in a chemistry or biochemistry major program must be taken with a letter grade, except those designated as pass-fail (S/U).

126 Chemistry and Society (3)

Prerequisites: MAT 150 or equivalent. Designed for non-science majors. Introduces the basic concepts of chemistry and examines them in terms of real-world examples. Satisfies general curriculum distribution requirements. May be taken as preparatory course for CHE 152 but is not applicable toward a chemistry major or minor. Lecture only. (*fall, spring, summer I and II)

Note: Students must complete General Chemistry I (CHE 152), General Chemistry I Laboratory (CHE 153L), General Chemistry II (CHE 154), and General Chemistry II Laboratory (CHE 155L) with a grade of “C” or better to register for any chemistry course requiring CHE 152/153L or 154/155L as prerequisites.

152 General Chemistry I (3)

Prerequisite: at least one year of high school algebra or its equivalent. High school or college preparatory chemistry is strongly recommended. Expands on the basic concepts of chemistry. Topics include chemical nomenclature, stoichiometric relationships, the chemistry of gases, atomic structure, chemical bonding, and molecular geometry. (*fall and summer I)

153 General Chemistry I Laboratory (1)

Prerequisite: current enrollment in or successful completion of CHE 152. Laboratory experiments supplement lecture material presented in CHE 152. (*fall and summer I)

154 General Chemistry II (3)

Prerequisites: CHE 152 and 153, and current enrollment in or successful completion of CHE 155. A continuation of General Chemistry I. Topics include solution chemistry, kinetics, equilibrium, thermodynamics, electrochemistry and nuclear chemistry. (*spring and summer II)

155 General Chemistry Laboratory II (1)

Prerequisites: CHE 152 and 153, and current enrollment in or successful completion of CHE 154. Laboratory experiments supplement lecture material presented in CHE 154. (spring and summer II)

180 Environmental Chemistry (4)

Prerequisites: CHE 154 and 155. Lecture segment provides an introduction to the chemistry of the processes involved in air, water and soil pollution. Laboratory segment covers techniques and analyses similar to those used by state and federal regulatory agencies. Does not apply toward a major in chemistry. Lecture-Laboratory. (*spring semester)

Note: Students must complete Organic Chemistry I (CHE 232), Organic Chemistry I Laboratory (CHE 233L), Organic Chemistry II (CHE 234), and Organic Chemistry II Laboratory (CHE 235L), with a grade of "C" or better to register for any chemistry course requiring CHE 232/ 233L or CHE 234/ 235L as prerequisites.

232 Organic Chemistry I (3)

Prerequisites: CHE 154 and 155. A study of the chemical properties and reactions of carbon and its derivatives. Topics include bonding, nomenclature, stereo chemistry, substitution, elimination and free radical reactions, organometallic compounds, infrared and nuclear magnetic resonance spectroscopy and the chemistry of alkyl halides, alcohols, epoxides, glycols, alkenes and alkynes. (*fall and summer I)

233 Organic Chemistry I Laboratory (1)

Prerequisites: CHE 154 and 155, and current enrollment in or successful completion of CHE 232. Experiments focus on organic laboratory techniques and synthetic organic chemistry. (*fall and summer I)

234 Organic Chemistry II (3)

Prerequisite: CHE 232 and 233. A continuation of Organic Chemistry I. Topics include the chemistry of benzene, aldehydes, ketones, carboxylic acids and their derivatives, amines, polycyclic and heterocyclic compounds, condensation reactions, and special topics such as carbohydrates, amino acids, proteins or pericyclic reactions. (*spring and summer II)

235 Organic Chemistry II Laboratory (1)

Prerequisites: CHE 232 and 233, and current enrollment in or successful completion of CHE 234. Experiments involve qualitative organic analysis, IR and NMR spectroscopy and organic synthesis. (*spring and summer II)

310 Analytical Chemistry (4)

Prerequisites: CHE 154 and 155. An advanced treatment of chemical equilibrium and its application to the quantitative analysis of materials. Emphasizes gravimetric, volumetric, spectrophotometric and potentiometric methods of analysis. May be used toward a minor in chemistry. Lecture-Laboratory. (*fall semester)

320 Biochemistry (4)

Prerequisites: CHE 234 and 235. A study of the chemical properties and biological functions of the atoms, molecules, macromolecules and macromolecular complexes that contribute to living systems. Topics include pH, structure and function of carbohydrates, proteins, lipids, and nucleic acids, enzyme kinetics, the major metabolic cycles and their cellular control processes. May be used toward a minor in chemistry. Lecture only. (*fall)

352 Physical Chemistry I (3)

Prerequisites: CHE 310, MAT 261, and PHY 201. Topics include gases and kinetic molecular theory, the laws of thermodynamics, phase equilibrium, ideal and non-ideal solutions, electrochemistry and surface phenomena. Lecture only. (*fall semester)

353 Physical Chemistry I Laboratory (1)

Prerequisites: CHE 310, MAT 261, PHY 201, and current enrollment in or successful completion of CHE 352. Introduction to advanced chemical laboratory techniques. (*fall semester)

354 Physical Chemistry II (3)

Prerequisites: CHE 352 and 353. A continuation of Physical Chemistry I. Topics include kinetics, photochemistry, quantum mechanics, spectroscopy and X-ray diffraction. Lecture only. (*spring semester)

355 Physical Chemistry II Laboratory (1)

Prerequisites: CHE 352 and 353, and current enrollment in or successful completion of CHE 354. Continuation of physical chemistry laboratory. (*spring semester)

420 Advanced Biochemistry (4)

Prerequisite: CHE 320. This is primarily a laboratory course illustrating and emphasizing techniques and separation methods utilized in a modern biochemical laboratory. Students conduct experiments in fractionation of serum /plasma proteins, chromatographic methods (including HPLC), quantitative protein determination, serum protein electrophoresis, antibody modification, enzyme purification and characterization, and enzyme immunoassay. Additionally, as part of an in-depth study of a current topic of biochemistry, students are required to retrieve scientific information from primary, secondary and tertiary literature sources. Lecture-Laboratory. (*spring semester)

425 Advanced Inorganic Chemistry (4)

Prerequisites: CHE 310, MAT 261 and PHY 201. Studies atomic and molecular structure, types of chemical bonding, periodic relationships, typical reactions of inorganic substances, and the modern experimental methods used in inorganic chemistry. Lecture-Laboratory. (*spring semester)

430 Advanced Instrumental Chemistry (4)

Prerequisites: CHE 310, 234 and 235. Studies the theory and practice of modern instrumental methods of chemical analysis. Methodology includes spectrophotometric, chromatographic, electroanalytical, and nuclear techniques. Additionally, students are required to retrieve scientific information from primary, secondary and tertiary literature sources. Lecture-Laboratory. (*spring semester)

451 Introduction to Research (2)

Prerequisites: CHE 310, CHE 234, 235, and 320. Qualified students in junior year choose project subject in consultation with chemistry faculty member. Requires laboratory research and a written report presented to, and reviewed by, the chemistry faculty. Students must also make an oral presentation of the results of their work. Graded on a pass-fail basis. May be repeated once. (*fall and spring semesters, based on availability of faculty)

452 Chemical or Biochemical Literature Survey (2)

Prerequisites: CHE 310, 234, 235, and 320, and 56 semester hours of credit with a minimum GPA of 2.5 in the major, or approval of department chairperson. Students in junior year choose project subject in consultation with chemistry faculty. Requires detailed library research and a written report, as well as an oral presentation of the report. Report must be presented to and accepted by the chemistry faculty. Graded on pass-fail basis. (*fall and spring semesters, based on availability of faculty)

453 Chemistry Internship (1-4)

Prerequisites: CHE 310, 234, 235, and 320, and 56 semester hours of credit with a minimum GPA of 2.5 in the major, or approval of department chairperson. Provides practical experience in chemistry-related programs in a firm or agency, under the supervision of faculty and firm representatives. May be accomplished on a part-time basis, and may be repeated for a total of four hours of credit. Graded on pass-fail basis. (*fall and spring semesters)

499 Special Topics in Chemistry (1-4)

Prerequisite: consent of instructor. A lecture and/or laboratory course offered at the discretion of the chemistry faculty. Subject may be chosen from theoretical and/or practical applications in biochemistry or analytical, inorganic, physical or organic chemistry. Available only to BS chemistry and biochemistry majors. (*fall and spring semesters, based on availability of faculty)

Communication (COM)**224 Communication and Society (4)**

Studies the fundamentals of communication theory to provide a foundation for understanding how the mass media work, how they influence us, how we can analyze them, and how we can effectively use them. Students can apply these critical skills to their roles as responsible consumers and communication professionals. May be used to fulfill the general distribution requirements for the social sciences if not used for the communication major. (*fall and spring semesters)

225 Writing for Electronic Communication (4) (W)

Studies the creative elements that marry in the electronic media (i.e., sound effects, visuals, actuality and narration). Covers script formats, techniques, terminology and editing skills. Students apply these skills to documentary, narrative and instructional projects. Equivalent to WRI 225. May not be used to satisfy general curriculum distribution requirements. (*fall and spring semesters)

232 Visual Literacy (4) (W)

Introduces students to non-verbal communication and the use and design of visuals and text to communicate ideas and concepts. Students cover the history, aesthetics and techniques of bookmaking, photography, filmmaking and digital imaging for assigned problems and individual and collaborative projects. May be used to fulfill the general distribution requirements for the Humanities if not used for the communication major. (*fall and spring semesters)

234, 236, 237 Topics in Communication (1-4)**238 Animation I (4)**

Prerequisites: COM 225 and 232. Teaches the technique of animation as a visual medium and enables students (regardless of major) to design, script, write, direct and communicate concepts through animation. Emphasizes art, history, movement, audio design and writing. May be used to fulfill the general distribution requirements for the Humanities if not used for the communication major. Materials fee required. (*occasionally)

240 Writing Drama (4) (W)

An introduction to the techniques of writing stage and television scripts. May be used to satisfy general curriculum distribution requirements if not used for the writing major or minor. Equivalent to WRI 240. (*every other spring semester)

243 Video Production I (4)

Prerequisites: COM 225 and 232. Introduces students to the basic tools of location video-production. Emphasizes visual composition, editing, interaction with others during production and use of the medium as an effective communication tool. May be used to fulfill the general distribution requirements for the Humanities if not used for the communication major. Materials fee required. (*fall and spring semesters) Laboratory fee \$65

245 Filmmaking I (4)

Prerequisites: COM 225 and 232. This course offers students an opportunity to explore the basics of 16mm film production. Camera technique and editing are emphasized, and in a hands-on approach, students learn camera operation, film formats, filmstock, lighting and

film editing. May be used to fulfill the general distribution requirements for the Humanities if not used for the communication major. Materials fee required. (*fall and spring semesters)
Laboratory fee \$65

250 Practicum in Broadcast Management (1-4)

Students are responsible for the programming and management of WUTV and WUTZ, the University's closed-circuit television and radio stations. Students are encouraged to register for one to two credit hours initially and to save four credit hours for officer positions. Students also may participate as volunteers for either station. (Limited to six hours total).

260 American Cinema (4) (W)

A basic introduction to film studies. Surveys the history of American narrative film with an emphasis on the cultural impact of film in society. May be used to fulfill the general distribution requirements for the Humanities if not used for the communication major. (*fall semester)

261 World Cinema (4) (W) (NW) (IG)

Prerequisite: COM 232 or consent of instructor. An examination of cinema from post World War II to the present, including world cinema movements, as well as the demise of the studio system. May be used to fulfill Third World requirements. May be used to fulfill the general distribution requirements for the Humanities if not used for the communication major. (*spring semester)

263 Web Authoring (4)

Prerequisite: COM 225 and 232, or ITM 200, or consent of instructor. This is a basic course in Hyper-Text Mark-up Language, or HTML. It is a laboratory course, and almost all work is performed at a computer terminal. The essence of HTML is that it is a tool for creating a complex interactive site for the purpose of effective communication. The course is divided into three components: 1) the tools component, with an emphasis on learning the HTML vocabulary; 2) the design component, during which the overall concept of the Web site and its objectives are considered; 3) The project component, during which all classroom time is devoted to work on a final project. (*fall and spring semesters)

271 Journalism I (4) (W)

Prerequisite: ENG 101. Covers the elements of news, the style and structure of news and feature stories, methods of gathering news, and copy editing. May not be used to satisfy general curriculum distribution requirements. (*every other fall semester)

272 Journalism II (4) (W)

Prerequisites: ENG 101 and 102, and COM/WRI 271, or consent of instructor. Involves advanced training in reporting and research skills. Involves extensive writing assignments with emphasis on news and features. May not be used to satisfy general curriculum distribution requirements. (*every other fall semester)

299 British and American Television: A Cultural Comparison (3)

Imagine American television as a branch of the U.S. Government. A state-run network dominates British broadcasting; similar networks are well established across Europe. Commercial broadcasting with little or no government involvement is the American norm. What is the difference? The course examines the evolution of British Television in contrast to the evolution of American Television. Emphasis is on how the two systems reflect and create their respective cultures. May not be used to satisfy general curriculum distribution requirements. (*occasionally)

300 The Documentary Tradition (4)

Prerequisite: COM 232 or consent of instructor. Survey course on the visual documentary tradition. May be used to satisfy general curriculum distribution requirements in the Humanities if not used for the communication major. (*every other spring semester)

303 Studio Television I (4)

Prerequisite: COM 225 and 232, or consent of instructor. Emphasizes formal aspects of studio video-production operations, including camera switching, lighting, sound and accessory equipment and remote-location production for integration into a studio program. This course provides production support for WUTV programming. May be used to satisfy general curriculum distribution requirements in the Humanities if not used for the communication major. Materials fee \$65. (*fall and spring semesters)

308 Film Aesthetics (4)

Prerequisites: COM 232, PHL 204, or consent of instructor. A study of film as an aesthetic medium. Explores the social, technological, historical and artistic influences on the development of cinema. Also examines how theories of film (i.e., realism, formalism, expressionism and semiology) affect the aesthetic construction and critical reception of films. Equivalent to PHL 308. (*every other spring semester)

323 Frontiers of Telecommunications (4)

Prerequisite: COM 224. This is a course in the politics, economics, and technologies of the information age. Areas covered include the basic designs of the new technologies, the marketing strategies utilized to bring them to the public, and the social changes that may ensue. Emphasis is on the imminent merger of telephone, television, and computer technologies at the consumer level, and state-of-the-art developments within institutions. May be used to fulfill general distribution requirements for the social sciences if not used for the communication major. (*fall semester)

325 Writing for Broadcast News (4) (W)

Prerequisite: COM 225. This course covers the elements of broadcast news writing and production, including the structure of radio and television news and feature stories, research and interviewing techniques, “package” production and ethical considerations. May not be used to satisfy general curriculum distribution requirements. (*once each year)

333 Studio Television II (4)

Prerequisites: COM 303 or consent of instructor. This course meets once each week for four hours at the Public Access Studio. The purpose of the course is to apply studio television training to the production of a live telecast each week. Students are required to expand previous training in studio television to include planning, budgeting, booking guests in advance and program planning. Each facet of producing a weekly telecast will be explored, including pre-recorded elements and the roles of associate producer, assistant director, graphics wraparound and set design. (*fall semester) Materials fee \$65.

334 Information and the New World Order (4) (NW) (IG)

Prerequisite: COM 224, junior or senior standing, or consent of instructor. Examines the cultural, political, economic and ethical issues surrounding a complex, international communication movement known as the New World Information Order. Explores all aspects of the topic, with an emphasis on threats to the national sovereignty of developing countries, the bias of international news agencies, and cultural imperialism. May be used to fulfill Third World requirements. May be used to fulfill general distribution requirements for the Social Sciences if not used for the communication major. (*fall semester)

337 Corporate Uses of Media (4) (W)

Prerequisite: COM/WRI 225. Students learn how to evaluate and script creative communication projects within the corporate environment. The scripts are for a variety of different applications, client needs and audience levels. May not be used to satisfy general curriculum distribution requirements. (*occasionally)

338 Animation II (4)

Prerequisite: COM 225, 232, or 238, or consent of instructor. The course objective is to professionalize the implementation and production of animation techniques, including the

use of computers. Advanced projects deal with specific problems and exercises in drawing, storyboard and script/visual analysis. May not be used to satisfy general curriculum distribution requirements. Materials fee required. (*occasionally)

340 Screenwriting (4) (W)

Prerequisite: COM 225 or 240. Covers the elements of writing feature film scripts including character development, dialogue and dramatic structure. Equivalent to WRI 340. May be used to satisfy general curriculum distribution requirements in the Humanities if not used for the communication major. (*fall semester)

343 Advanced Post-Production Techniques (2)

Prerequisite: COM 225, 232, 243 or 245, or consent of instructor. Students learn the use of the University's specialized digital facilities and production techniques to prepare them for work in upper-level production courses and independent studies. This lab-type course is offered pass/fail only and may not be used to satisfy general curriculum distribution requirements. Materials fee required. (*occasionally)

345 Filmmaking II (4)

Prerequisites: COM 225, 232 and 245. This course looks at advanced techniques of filmmaking, including synchronous sound, color film stocks, gels and filtration. Materials fee required. May not be used to satisfy general curriculum distribution requirements. (*fall semester) Laboratory fee \$65.

353 Video Production II (4)

Prerequisites: COM 225, 232 and 243, or consent of instructor. It is suggested that COM 340 and 343 also be taken prior to this class. Provides students with an advanced understanding of video production, including camera work, lighting, audio, editing, scriptwriting and storyboarding. Emphasizes group field production. Requires prior video experience. May not be used to satisfy general curriculum distribution requirements. Materials fee required. (*spring semester) Laboratory fee \$65.

354 Internship in Communication (1-4)

Prerequisites: junior or senior standing, minimum GPA of 3.0 in major, and consent of instructor. Internships are with local, state and national sponsors throughout the communication field. Students may take a maximum of eight credit hours. COM 354 cannot be used to meet the 300 or above level requirement in the major. May not be used to satisfy general curriculum distribution requirements. (*fall and spring semesters)

360 Film Directors (4)

Prerequisite: COM 232 or consent of instructor. A search for the defining characteristics of a director's works, including issues of thematic motifs and visual style. May be used to satisfy general curriculum distribution requirements in the Humanities if not used for the communication major. (*every other spring semester)

363 CD-ROM Production (4)

Prerequisites: COM 225, COM 232 and ART 210, or consent of instructor. To introduce students to the principal software and programming languages used in designing interactive products for CD-ROM. May not be used to satisfy general curriculum distribution requirements. (*fall and spring semesters)

370 Women, Film and Popular Culture (4)

Prerequisite: COM 232 or consent of the instructor. Focuses on the politics of representing women, particularly in film, television, advertising, popular literature and the popular press. The critical background includes texts on political economy, semiotics, feminist theory and cultural studies. The student completes a major research project during the course. Equivalent to WST 370. May be used to satisfy general curriculum distribution requirements in the Humanities if not used for the communication major. (*every other spring semester)

382 Writing for Advertising and Public Relations (4) (W)

Prerequisites: ENG 101 and COM 225, or consent of instructor. WRI 271, 280 or 281 are recommended, but not required. Involves training in theory, form and style of writing public relations copy, including advertising and press releases for both print and broadcast media. Equivalent to WRI 382. May not be used to satisfy general curriculum distribution requirements. (*once each year)

399 Independent Study in Communication (1-4)

Prerequisites: junior or senior standing, COM 224, 225, and 232, minimum GPA of 3.0, or consent of instructor. Research or creative project under the auspices of a communication instructor. May be repeated for a maximum of eight credit hours. May be used to satisfy general curriculum distribution requirements in the Humanities if not used for the communication major. (*fall and spring semesters)

401 Intercultural Communication (4)

The purpose of this course is to provide students with an understanding of the socio-cultural dynamics that affect the communication process. Students focus on their own cultural world-view as they are exposed to the cultural dynamics and characteristics of other societies. Emphasis is placed upon the non-verbal and oral/visual aspects of communication content, structure and context. May be used to fulfill general distribution requirements for the social sciences if not used for the communication major. (*once each year)

423 Interactive Communication Seminar (4)

Prerequisites: COM 225, COM 232 and ITM 200, or consent of instructor. Emphasizes the importance of interaction in the communication process, studying communication settings from the simple, face-to-face meeting to the creative, computer-mediated simulation of events. May be used to satisfy general curriculum distribution requirements in the Humanities if not used for the communication major. Materials fee required. (*every other spring) Laboratory fee \$65.

425 Information Technology and Human Values (4)

Prerequisites: COM 224, junior or senior standing, or consent of instructor. Raises fundamental questions about the relationship between science and the humanities. Analyzes the role of technology in modern life with special emphasis on the impact of new information technologies. May be used to fulfill general distribution requirements for the social sciences if not used for the communication major. (*every other spring semester)

426 Public Opinion, the Media and Power (4)

Prerequisite: junior or senior standing, or consent of instructor. Examines public opinion from a variety of perspectives, providing students with the ability to be intelligent consumers of public opinion research and effective users of public opinion research tools. Explores the interaction between the media and public opinion, as well as public opinion's effects on contemporary society and politics. Cross-listed as GWA 426. (*every other fall semester)

435 Survey of Independent Video and Film (4)

Prerequisites: COM 232 or permission of the instructor. Students study and view tapes and films produced as a part of the non-commercial, independent movement. May be used to satisfy general curriculum distribution requirements in the Humanities if not used for the communication major. (*every other spring semester)

440 Screenwriting II (4)

Prerequisites: COM 225 and 340, and consent of instructor. Advanced explorations of feature film scriptwriting and analysis. May not be used to satisfy general distribution requirements. (*occasionally)

442 Producing for Motion Picture and Digital Media (4)

Prerequisites: junior or senior standing and one or more of COM 243, 245, 263, 303, or 363, or instructor's permission. A study of producing for cinema, television, interactive, and

commercial and business applications. Students acquire skills in production budgets, package development, script breakdown, cost projections, shooting schedules, and marketing and sales presentations.

443 Communication and Cultural Studies (4) (W)

Prerequisite: COM 224, junior or senior standing, or consent of instructor. Students explore the role of communication in the social construction of culture. Emphasis is on acquiring knowledge of culture as an evolving process of codifications and examining dominant and marginal cultural meaning systems in science, history and the arts. May be used to fulfill general distribution requirements for the social sciences if not used for the communication major. (*every other spring semester)

444 Advanced Topics in Communication (4)

445 The Image and the Reality (4)

Prerequisites: junior or senior standing, COM 232 and consent of instructor. Explores the relationship between myth and cinema. Also looks at the politics of representation as it relates to race, gender and ethnicity. May be used to satisfy general curriculum distribution requirements in the Humanities if not used for the communication major. (*every other spring semester)

446 Advanced Topics in Communication (4)

460 Advanced Motion Picture and Digital Media Production (4)

Prerequisites: junior or senior standing and one or more of COM 333, 345, or 353, or both COM 263 and 363, or consent of instructor. This advanced course seeks to consider, and then apply, strategies for effective communication that lie within the convergence of motion picture, video, television studio production, and digital media. Motion images is originated in 35 or 16mm film, video, or high-definition digital, while all image manipulation, editing and distribution is digital.

499 Senior Project (4)

Prerequisite: senior standing. Students must apply for acceptance the semester before their anticipated enrollment. Each year, a select number of students may be able to choose a Senior Project Option in order to fulfill the 400-level requirement of the communication major. In this independent course, a student or group of students pursue a research or production objective of sufficient breadth and depth as to crystallize their experiences as communication majors at the University. (*as needed)

Criminology (CRM)

101 Introduction to Criminology (4)

A study of deviant behavior as it relates to the definition of crime, crime statistics, theories of crime causation, crime typologies and victims of crime. May be used to satisfy general curriculum distribution requirements if not used in the criminology major. (*fall and spring semesters)

102 Introduction to Criminal Justice (4)

A study of the overall system of criminal justice from its early history to its evolution in the United States. Identifies various subsystems and components (i.e., law enforcement, courts and corrections) as well as their roles, expectations and interrelationships. (*fall and spring semesters)

200 Introduction to Law Enforcement (4)

Prerequisite: CRM 102. A study of the elements of law enforcement agencies as subsystems of the total criminal justice system. This course reviews the history and philosophy of law enforcement in addition to examining the relationship between law enforcement subsystems and the community. (*once each year)

203 Community Policing (4)

Prerequisites: CRM 101, 102 and 200. This course introduces the philosophy of community policing, which has become the first major reform in American law enforcement in the past half-century. Emphasis is placed upon the shifting efforts of traditional policing beyond the narrow focus on fighting crime to include addressing the fear of crime, social and physical disorder, and neighborhood decay. Exploration focuses on analysis of the organizational strategies that challenge police to solve community problems in new ways by forming partnerships with community residents and allowing them the opportunity to have input into the police process. (*once each year)

205 Community-Based Corrections (4)

Prerequisite: CRM 101 or 102. A study of the history, purposes and operations of community-based programs within the criminal justice system. Additionally, the course explores the different philosophies and strategies used in working with clients. Field trips involved. (*once each year)

206 Criminal Investigation (4)

Prerequisites: CRM 102 and 200. Covers the fundamentals of investigation: crime-scene search and recording, collection and preservation of physical evidence, scientific aids and modus operandi. (*once each year)

210 Ethics in Justice (4)

This course will be an examination of the field of justice with special emphasis on decisions that must be made within the field. Students will be exposed to ethical thinking, codes of ethics, discretion throughout the justice system and an examination of the outcomes of discretionary decision-making. (*fall and spring semesters)

212 Juvenile Delinquency (4)

Prerequisite: CRM 101 or 102, or SOC 100. Examines definitions of delinquent behavior, theories concerning the development of delinquency, characteristics and subculture of the delinquent, and the adjudication process for juveniles, including practice and treatment procedures. May be used to satisfy general curriculum distribution requirements if not used in the criminology major. (*fall and spring semesters)

290-299 Special Summer Studies (2-4)

Special courses are offered each year during the summer session. Course descriptions published annually in a separate bulletin.

300 Victimology (4)

Prerequisite (at least one of the following): CRM 101, CRM 102, SOC 100, GWA 100 or PSY 200. An examination of the extent and nature of victimization, theories of victimization, the victims' rights movement, and in-depth consideration of several major kinds of victimization (such as sexual assault, spouse battering, child abuse, victimization of the elderly). (*once each year)

306 Defense Investigation (4)

Prerequisite: CRM 101 or 102 and CRM 206. This course covers from a defense perspective the gathering of crime scene evidence and the presentation of the evidence in court. The course will address the selection of expert witnesses and the strategy of both trial and appellate defense work. (*spring semester)

307 Introduction to Forensic Science (4)

Prerequisite: CRM 206. This course will provide an in-depth examination of the scientific techniques used to develop forensic evidence discovered at a crime scene. The student will be introduced to advanced methods used to locate, develop, collect, and record forensic evidence; while maintaining ethical standards and legal requirements, and avoiding possible evidence contamination or destruction. Modern and innovative techniques for forensic evidence gathering will be demonstrated and students will be provided the opportunity to apply techniques in a practical laboratory setting. (*once each year)

310 Abnormal Behavior and Criminality (4) (W)

Prerequisite: junior or senior standing. Features descriptions of deviant behavior and personalities most often encountered by criminal justice personnel: sexual perversions, suicide attempts, severe and violent disorders, sociopaths and rapists. Emphasis is on appropriate handling of deviant behavior based on identification and understanding of conditions. (*spring semester)

311 Criminal and Court Procedure (4) (W)

Prerequisite: CRM 102. A study of the U.S. Constitution with particular emphasis on Supreme Court rulings on Fourth, Fifth and Sixth Amendment questions of search and seizure, confessions, arrest, jeopardy, speedy trial, confrontation and assistance of counsel. Also explores the process of court operations, including initial appearance, preliminary and suppression hearings, arraignment and trial. (*once each year)

312 Criminal Law (4) (W)

Prerequisite: CRM 102. A study of the goals and purposes of existing law and doctrine as influenced by social, cultural and political factors. Addresses the law as a changing and flexible system of values and principles. Topics include criminal liability and defenses, crimes against the person and property, victimless crimes, political and violent crime, as well as white-collar and economic crime such as antitrust and insider trading. (*once each year)

313 Introduction to Corrections (4) (W)

Prerequisite: junior or senior standing. An overview of the fundamental processes, trends and practices of institutional treatment, parole and probation and contemporary-based correctional programs. Reviews the history and philosophy of corrections. May be used to satisfy general curriculum distribution requirements if not used in the criminology major. Field trips involved. (*fall semester)

321 Comparative Criminology (4) (IG) (W)

Prerequisites: CRM 101 and 102. This course is designed to provide students with a world-view of diverse types of criminal justice systems. This approach is based on the belief that a comparative investigation of systems of control utilized by other countries and cultures will help students develop a critical understanding of the complexities involved when attempting to understand and improve upon the workings of the American criminal justice system. (*once each year)

323 Correctional Law (4) (W)

Discourse and study of the substantive and procedural law pertaining to the convicted criminal offender, including an examination of federal court decisions affecting correctional personnel and the penal process. (*fall semester)

400 Crime and Punishment: Current Controversies (4)

Prerequisites: junior or senior standing and CRM 101 or 102. An in-depth examination of current major crime- and justice-related issues. (*once each year)

401 Internship in Criminology (4-16)

Prerequisite: junior or senior standing with a cumulative GPA of 3.2 for federal internships and 2.8 for all others. Provides meaningful field experience through placement in one of the agencies of the criminal justice system. Graded on a pass-fail basis. Internship credit may not be used to satisfy requirements for the major or the minor. Application must be made the semester prior to interning. (*fall and spring semesters)

403 Constitutional Law and the Supreme Court (4) (W)

A study of the federal judiciary and federal courts, their roles in relation to the executive and legislative branches of government, and the constitutional aspects of discrimination, privacy and procedural due process. Equivalent to GWA 402. (*spring semester)

404 Gender, Sexuality, and the Law (4)(W)

Pre-requisite: junior or senior standing. An overview of the U.S. constitutional and statutory law concerning gender and sexuality. Topics including the right of privacy, legal theories of sexuality and gender, sexual speech and identity speech are analyzed in detail. In addition, the course considers gender and sexuality in education, family law and the nontraditional family, and sexuality and gender in the workplace. Equivalent to GWA 404 (*every other year)

405 Research Methods in Criminology (4) (W)

Introduces the elements of scientific logic, hypothesis testing, research design, methods of data collection, and analysis and interpretation of data. (*fall and spring semesters)

406 Violence in America (4) (W)

A study of the broad range of violence in society. Examines historical dimensions, as well as contemporary forms of violence. (*fall semester)

408 The First Amendment and the Supreme Court (4) (W)

A critical examination of the law and policy related to free press versus fair trial, defamation, national security, obscenity and compelled communication. Cross-listed with GWA 408. (*every other fall semester)

410-430 Special Issues in Criminal Justice (2-4)

A forum for focusing on special issues in criminal justice, taught by visiting instructors or regular faculty. Topics covered may change each semester. (*fall and spring semesters)

450 Independent Study (2-4)

Prerequisites: senior standing, minimum grade point average of 3.0, and consent of instructor and area coordinator. A series of directed readings and short research projects on a topic of interest to the student. Materials covered must be different from those included in current courses. Independent studies can be taken with any full-time professor in the criminology area. Subject matter must be determined through student-faculty consultation. (*fall and spring semesters)

451 Senior Thesis (4)

Prerequisites: senior standing and a grade point average of 3.25 or higher, and membership in the Honors Program or approval of department chairperson. Requires a substantive research and writing project. (*fall and spring semesters)

Cross-Cultural Studies (CST)**100 Language and Culture (2) (IG)**

Not open to native speakers of the language being studied. An introduction to the language and culture of the different ethnic groups in the United States. Content and emphasis vary. SPA 100 (or equivalent skills) is a prerequisite for Spanish courses that include a language instruction component. Graded on a pass-fail basis only. Equivalent to LAN 100. May be repeated when content varies. (*occasionally)

201 Cross-Cultural Studies (3-4) (IG)

A study of culture and the various aspects of human behavior patterned by culture. Explores cultural differences in perceptions about space and time, basic human nature, relationship to natural forces, human relationships and possessions. Includes an overview of the function of religion, political institutions, production and exchange systems, as well as linguistics, values and communication patterns in daily behavior. Enables students to identify basic cultural assumptions underlying differences in behaviors and values to facilitate cross-cultural communication.

Cross-Disciplinary Studies

Consult the schedule of classes each semester for a listing and brief description of the cross-disciplinary courses to be offered.

Dance (DAN)

Dance courses are open to all University students. Students with pre-college dance training who are enrolled in the Performing Arts Major program may place out of lower-level technique classes by means of audition or with permission of instructor.

101 Introduction to Dance History (3)

An historical overview of 3,000 years of dance as an art form that has become a unique means of aesthetically expressing human emotions. Enhances study through viewing of videotapes and live performances. (*spring semester)

112 Dance Partnering I (1)

A studio/performance-oriented course. Studio class focusing on development of basic skills of dance partnering and lifting techniques. Includes basic ballroom styles, musical revue lifts and safety techniques.

113 Dance Partnering II (1)

A continuation of the development of techniques as begun in DAN 112: Dance Partnering. This studio class focuses upon advanced ballroom dance styles including dance lifts, turns and spin techniques.

141 Beginning Jazz Dance (2)

A studio/performance-oriented course. Studio class focusing on fundamentals of jazz techniques. Studio work incorporates barre, development of strength and stretch, postural alignment and movement combination(s). May be repeated once. Required for a major in Performing Arts. (*every fall semester, or as needed)

142 Beginning Modern Dance (2)

A studio/performance-oriented course. Develops the basic skills of modern dance techniques. Studio work includes stretching, movement combinations, improvisations, postural awareness and relaxation. May be repeated once. (*every fall semester)

149 Beginning Ballet I (2)

A studio/performance-oriented course. Studio class focusing on fundamentals of classical ballet techniques. Emphasizes body placement, theory of ballet “turnout,” etc., in barre and floor exercises. May be repeated once. Required for a major in Performing Arts. (*every fall semester)

199 Beginning Ballet II (2)

A studio/performance-oriented course. Prerequisite: DAN 149 or permission of instructor. Studio class focusing on fundamentals of classical ballet techniques. Emphasizes body placement, theory of ballet “turnout,” and mastery of basic ballet movements in barre and floor exercises. May be repeated once. (*every spring semester)

200 Dance in World Cultures (4) (W) (NW) (IG)

An examination of non-Western dance forms, including classical, ceremonial and folk/traditional, in their historical and cultural contexts. This course is enhanced by observing videotapes and live performances. May be used to fulfill the Third World requirements.

241 Intermediate Jazz Dance (2)

A studio/performance-oriented course. Studio class focusing on advancement of jazz techniques. Studio work incorporates barre technique, continuation and development of stretch/strengthening, postural alignment and movement combination(s). Required for a major in Performing Arts. May be repeated once. (*every other fall semester or as needed)

242 Intermediate Modern Dance (2)

A studio/performance-oriented course. Prerequisite: DAN 141 or 142, or consent of instructor. Studio class focusing on further development and exploration of modern dance techniques. Emphasis is on more complex movement combinations and strength building. Required for a major in Performing Arts. May be repeated for credit. (*every spring semester)

243 Special Project in Dance: Tap Dance Basics (2)

A studio/performance-oriented course. Studio class focusing on basics of tap dance technique. Studio work concentrates on mastery of individual dance steps/styles and the application of these techniques in movement combination(s). Required for a major in Performing Arts. May be repeated once. (*every fall semester, or as needed)

244 Special Project in Dance: Modern/Jazz in Musical Revues (2)

A studio/performance-oriented course. Studio class focusing on modern and jazz dance technique as it pertains to musical theater dance/performance. Studio work is devoted to mastery of individual dance steps and various movement styles. The application of these techniques is incorporated into movement combination(s). Required for a major in Performing Arts. May be repeated once. (*every other spring semester, or as needed)

245 Special Projects in Dance (1)

A studio/performance-oriented course. Projects must be approved by dance instructor. Suggested projects include performances on or off campus, choreographing a dance, or attending a special topics class such as tap dance or ethnic dance forms. May be repeated for credit. (*fall and spring semesters)

246 Stretching and Relaxation (1)

A studio/performance-oriented course. This course is designed to help a student develop and reinforce positive lifestyle habits based on body awareness through a systematic program of stretching and relaxation techniques. May be repeated once.

249 Intermediate Ballet (2)

A studio/performance-oriented course. Prerequisite: DAN 149 or consent of instructor. A studio class focusing on basic and intermediate-level ballet techniques and French terminology. Emphasizes barre and floor exercises including turns, jumps and adagio movements. May be repeated once. (*every spring semester)

251 Beginning Hip Hop (2)

A studio/performance-oriented course. Prerequisite: Beginning Jazz, Beginning Modern or consent of instructor. Studio Class focusing on fundamentals of hip hop and funk technique, with an emphasis on athletic skills. Course also focuses on body placement, floor work, complex rhythmic patterns, funk “tricks”, and advanced leaps, turns and jumps. It also emphasizes preparation for performance related to film and music video. May be repeated once. (*fall and spring semesters and/or as needed)

270 Composition and Choreography (1)

A studio/performance-oriented course. Prerequisite: consent of instructor. An exploration of methods of building and structuring dances, beginning with movement, phrasing and patterns, and culminating in choreography projects. May be repeated once. (*fall and spring semesters)

301 Special Topics in Dance (2)

A studio/performance-oriented course. Special Topics in Dance will offer instruction and experiences in specialized dance techniques such as African Dance, Caribbean Dance, Latin Dance and Aquatic Dance. (offered as needed)

342 Advanced Modern Dance (2)

A studio/performance-oriented course. Prerequisite: DAN 242 or audition. Students continue to develop technique on a more demanding level while exploring creativity through movement. May be repeated for credit. (*every spring semester)

349 Advanced Ballet (2)

A studio/performance-oriented course. Prerequisite: DAN 249 or audition. Studio classes in advanced-level ballet technique. May be repeated for credit. (*every spring semester)

351 Intermediate Hip Hop (2)

A studio/performance-oriented course. Prerequisite: Beginning Hip Hop, Beginning Jazz, Beginning Modern or consent of instructor. Studio Class focusing on fundamentals of hip hop and funk technique, with an emphasis on athletic skills. Course also focuses on body placement, floor work, complex rhythmic patterns, funk “tricks”, and advanced leaps, turns and jumps. It also emphasizes preparation for performance related to film and music video. May be repeated once. (* spring semesters or as needed)

460 Advanced Multi-Disciplinary Dance

A studio/performance-oriented course. Prerequisite: DAN 360 or equivalent acceptable to the instructor. Requires audition for new students. May be repeated for credit. (*every spring semester)

Economics (ECO)

204 Principles of Microeconomics (3)

Prerequisite: MAT 150. An economic analysis of the interactions between households, businesses and the government regarding the allocation of goods, services and resources. Topics include the theory of consumer behavior, production and cost determination, and resource pricing. (*fall and spring semesters)

205 Principles of Macroeconomics (3)

Prerequisite: MAT 150. An introduction to aggregate economic analysis including modern employment theory, inflation, the U.S. monetary system, and their relation to international trade and finance. (*fall and spring semesters)

300 Labor Economics (3)

Prerequisites: ECO 204 and 205. Studies the theories and development of the labor movement, labor-market analysis, collective bargaining, human capital theory and labor law. (*spring semester)

320 Managerial Economics (3)

Prerequisites: ECO 204, ECO 205 and MAT 160. Analyzes the theories of consumer behavior, production, costs and distribution. (*fall and spring semesters)

321 Intermediate Macroeconomic Analysis (3)

Prerequisites: ECO 204, ECO 205 and MAT 160. Analyzes the determination of national income, employment, prices and the balance of payments, with particular emphasis on monetary and fiscal policies. (*fall and spring semesters)

420 Public Finance (3)

Prerequisites: ECO 204 and 205. An analysis of free-market failure and government’s contribution to welfare and the public finances. (*fall semester)

461 Seminar in Economics (3)

Prerequisites: ECO 204 and 205, and either ECO 320 or 321. A capstone course in economics. Provides analysis of contemporary domestic and international problems. (*fall semester)

490 Economics Internship (3-6)

Prerequisites: junior or senior standing, at least a 2.75 GPA or 2.5 overall GPA and 3.0 in COB courses, lower business core courses, and ECO 320 and 321. May not be used to satisfy major requirements. Approval of the associate dean required. (*fall and spring semesters)

495 Topics in Economics (1-4)

Prerequisite: consent of the associate dean of the Sykes College of Business. A readings or independent study course taken for variable credit.

600 Topics in Economics (1-3)

For graduate students only. Prerequisite: written permission of the department chair. Contemporary topics in economics.

601 Economics for Management (3)

For graduate students only. Prerequisite or concurrent: ITM 603. This course is an introduction to both macroeconomics, which emphasizes the factors influencing growth, inflation, unemployment, and trade and budget deficits, and microeconomics, which introduces the student to the theory of the firm. The student is introduced to the analytical tools necessary to understand the macroeconomic and microeconomic environment of business. (*fall and spring semesters)

615 Monetary Policy (3)

For graduate students only. Prerequisite: ECO 601 or ITM 605. Focuses on the economy's monetary framework and the interaction between money and real economic variables. Highlights the new difficulties and possible policy responses under the current era of financial deregulation and world capital-market integration. (*summer)

620 International Macroeconomics (1.5)

For graduate students only. Prerequisites: ECO 601 or ITM 605; and ITM 603. This course introduces the student to the macroeconomic environment within which all business firms operate. The external factors which impact business decision-making and operations include the following: interest rates, stock and bond market fluctuations, exchange rate fluctuations, GDP growth rates and their sustainability, inflation and changes in productivity. A major focus is on the relationship between trade balances, capital flows, saving and investment, and the role played by monetary policy to meet the nation's macroeconomic goals. (*fall and spring semesters)

625 Managerial Economics and Organizational Architecture (1.5)

For graduate students only. Prerequisites: ECO 601 or ITM 605; and ITM 603. This course applies the concepts of microeconomic theory and agency theory to strategic problems facing for-profit and not-for-profit organizations. The course reinforces an understanding of microeconomic principles and enables students to apply economic theory to problem solving. It enables students to understand how markets function to create the efficient use of resources. The course is designed to teach students why organizations do not always function efficiently and how organizational architecture can be used to enhance the value of the firm. (*fall and spring semesters)

630 Government and Regulation (3)

For graduate students only. Prerequisite: ECO 625. The course examines the economic rationales for government intervention into business decisions. Traditional regulation, the process of deregulation, and the enforcement of antitrust policies are considered.

635 The Economics of Organization (3)

For graduate student only. Prerequisite: ECO 625. The course examines the business firm as it engages in supplying goods and services to the economy. Innovation, advertising, markets, and organizational structure will be investigated.

Education (EDU)**200 Foundations of American Education (3) (W)**

An introduction to the contemporary issues and trends in public education from historical, sociological and philosophical perspectives. Requires ten hours of volunteer work in the public schools.

201 Learning Theories and Individual Differences in Education (3) (W)

A study of psychological theories and principles of learning as they relate to the teaching-learning process. Exposes students to research-based knowledge and skills of effective teaching.

203 Technology in Education (Elementary, Secondary) (2) (W)

Prerequisites: ITM 200, EDU 200 and 201. Promotes computer literacy and engages students in problem solving, evaluation of hardware and software, examination of micro-computer applications in an educational setting, and discussion of technology in education.

205 Creativity and the Learning Environment (3) (cross-listed as DRA 298) (W)

This course will investigate and apply strategies for developing the right as well as the left hemisphere of the brain. Participants will learn how to develop a creative, centered lifestyle that includes daily disciplined activity designed to enhance their overall mental, physical, emotional and spiritual health. Participants also will develop skills for creating environments that facilitate that process for others. Interdisciplinary classroom activities will include discussion, review of assignments, exploration of models for lifelong vitality, and creative activities related to art, theatre, dance, music and storytelling. Activities outside the classroom will include attendance at theatrical and arts-related events.

252 Young Children with Special Needs (3)

Prerequisites: EDU 200, 201, 203 and admission to teacher education. Developmentally appropriate procedures, resources and programs designed to meet the special needs of pre-kindergarten/primary age children are investigated, analyzed and assessed. Appropriate interventions, family conferencing, procedures for mainstreaming, and process for screening, assessment and placement are analyzed, applied and developed. Individualized Family Service Plans (IFSP) and Individual Educational Plans (IEP) are researched, compared and contrasted. Analyses are conducted of methods for working with children who are abused, abandoned, homeless or neglected. Experience is arranged with adaptive and assistive technologies for children with special needs.

300 Teaching Language Arts in the Secondary Schools (ESOL infused course)(4) *

Prerequisites: EDU 200, 201, 203 301, 304 and ENG 101 and 102, and admission to teacher education. A specialized methods course for English majors seeking secondary-education certification. Topics include teaching methods and processes, evaluation procedures, and curriculum development specific to secondary schools. Involves students in teaching simulations. Field hours required. (*Spring semester only.)

301 Teaching Practicum I: Teaching English to Speakers of Other Languages (2)

Prerequisites: EDU 200, 201, 203 and admission to teacher education. Corequisites for Elementary Education: EDU 304 and EDU 314. Corequisite for Secondary Education: EDU 304. Required for all elementary and secondary education majors. This course provides ESOL field experience; students will be responsible for running an ESOL after school program at a local public school under the supervision of UT faculty. Participants will observe, plan, implement, and evaluate lessons for ESOL students in large group, small group and individual settings.

304 Teaching English to Speakers of Other Languages I (TESOL I) (3)

Prerequisites: EDU 200, 201, 203 and admission to teacher education. Corequisite for Secondary Education, PE (K-12) and Music (K-12): EDU 301. Corequisites for Elementary Education: EDU 301 and EDU 314. Required for all elementary and secondary majors and has a field component (EDU 301). This survey-type course introduces the 25 Florida State ESOL Performance Standards in the following five content areas: methods of teaching ESOL, ESOL curriculum and materials development, cross-cultural communication and understanding, applied linguistics, testing and evaluation of ESOL.

306 Teaching Reading in the Secondary Content Areas (ESOL infused course) (3) +

Prerequisites: EDU 200, 201, 203, and admission to teacher education. Corequisites: EDU 301 and EDU 304. Emphasizes the teaching of reading skills and content material. Discusses the adolescent in relation to methods and materials. Requires simulated teaching and field hours. (+ Fall semester only.)

308 Teaching Social Studies in the Secondary Schools (ESOL infused course) (4) *

Prerequisites: EDU 200, 201, 203, 301, 304 and admission to teacher education. A specialized methods course for social studies majors seeking secondary school teaching certification. include teaching methods and processes, evaluation procedures, and curriculum development specific to secondary schools. Involves students in teaching simulations. Field hours required. (* Spring semester only.)

310 Teaching Science in the Secondary Schools (ESOL infused course) (4) *

Prerequisites: EDU 200, 201, 203, 301, 304 and admission to teacher education. A specialized methods course for biology majors seeking secondary school teaching certification. Topics include teaching methods and processes, evaluation procedures, and curriculum development specific to secondary schools. Involves teaching simulations. Field hours required. (*Spring semester only.)

311 Teaching Mathematics in the Secondary Schools (ESOL infused course) (4)*

Prerequisite: EDU 200, 201, 203, 301, 304 and admission to teacher education. A specialized methods course for mathematics majors seeking secondary school teaching certification. Topics include teaching methods and processes, evaluation procedures, and curriculum development specific to secondary schools. Involves teaching simulations. Field hours required. (*Spring semester only.)

314 Emerging Literacy: Birth to Eight Years (ESOL infused course) (3) (W)

Prerequisites: EDU 200, 201, 203, and admission to teacher education. Corequisites: EDU 301 and EDU 304. Focuses on developing literacy in children through grade three, emphasizing a whole language approach to instruction and literacy development. Also includes theories, materials and methods that develop literacy in a developmentally appropriate environment, including assessment, family involvement, and responsibility to special needs and ESOL learners. Examines, in depth, the methods, materials, and basic skills of teaching reading.

315 Teaching Literature and Language Arts in the Elementary School (ESOL infused course) (3) (W)

Prerequisites: EDU 200, 201, 203, 301, 304, 314, ENG 101, 102, and admission to teacher education. An examination of the language arts, the cognitive and literacy development of children, methods of instruction in the communication processes, the needs of the diverse learner, and the integration of the language arts across the curriculum. A focus is the use of children's literature in teaching by examining genres, student responses and a balanced literacy program.

316 Developmental Reading (ESOL infused course) (3) (W)

Prerequisites: EDU 200, 201, 203, 301, 304, 314, ENG 101, 102, and admission to teacher education. A comprehensive survey of the basic methods of teaching reading in the elementary school. Examines the methods, materials, and basic skills of teaching reading, with a focus on skill development in the intermediate classroom.

321 Curriculum, Methods and Foundations in Early Childhood Education (3)

Prerequisites: EDU 200, 201, 203 and admission to teacher education. Emphasis on developmentally appropriate objectives, materials, activities and methods of teaching the primary grades. Various historical, philosophical and sociological perspectives in Early Childhood Education are investigated, analyzed and evaluated. The course includes twenty hours of field experience.

322 Early Childhood Integrated Curriculum Field Experience (3)

Prerequisites: EDU 200, 201, 203, and admission to teacher education. Involves observation/participation in early childhood education settings and an examination of instructional materials, procedures, and evaluation of nursery, kindergarten, and primary curricula and instructional strategies.

323 Home, School and Community Partnerships (3)

Prerequisites: EDU 200, 201, 203, and admission to teacher education. The course examines the ways early childhood programs are a part of the family support system. It focuses on the development of an understanding of traditional and non-traditional families, structural and life-style variations, parenting in diverse cultures and the needs of high-risk families. Implications from these understandings will guide development of a parent involvement plan that includes effective ways to communicate with parents, conference with parents, hold parent meetings and conduct home visits.

326 Educational Assessment (ESOL infused course) (3) (W)

Prerequisites: EDU 200, 201, 203, and admission to teacher education. Corequisites: EDU 301 and EDU 304. Develops techniques for assessment, evaluation and measurement pertaining to all levels of classroom instruction. Particular emphasis is on authentic assessment, performance assessment, elementary statistics, test construction and evaluation and grade reports. Field hours are required.

327 Teaching Art in the Elementary School (2)

Prerequisites: EDU 200, 201, 203 and admission to teacher education. For students intending to major in elementary education. Covers selection, organization, guidance, and evaluation of art activities. Offers laboratory experience with materials and methods. Field hours required.

328 Teaching Music in the Elementary School (2)

Prerequisites: EDU 200, 201, 203, and admission to teacher education. The student should be an intended major in music education or elementary education. A specialized elementary music methods course that includes methods and activities in music. Features demonstrations with class participation and use of rhythm and pre-orchestral instruments. Requires observation in elementary schools.

329 Teaching Physical Education and Health in the Elementary School (3)

Prerequisites: EDU 200, 201, 203, and admission to teacher education. Intended major in physical education or elementary education. Involves study and practice in elementary physical education methods. Examines and evaluates subject matter, methods and source materials for health programs. Field hours required.

330 Teaching Mathematics in the Elementary School (ESOL infused course) (3)

Prerequisites: EDU 200, 201, 203, 301, 304 and admission to teacher education. Topics include the objectives of the elementary mathematics curriculum, learning theories as they relate to mathematics, major concepts covered in elementary mathematics, and modern approaches to instruction with emphasis on manipulatives and other learning aids.

331 Teaching Science in the Elementary School (ESOL infused course) (3)

Prerequisites: EDU 200, 201, 203, 301, 304 and admission to teacher education. Examines methods and materials for teaching science and the scientific method. Emphasis on teaching aids, demonstration equipment and simulated teaching.

332 Teaching Social Studies in the Elementary School (ESOL infused course) (3)

Prerequisites: EDU 200, 201, 203, 301, 304 and admission to teacher education. Involves participation in activities showing the relationship of humans to their physical and social environments. Students compare worldwide courses of study, with emphasis on multicultural diversity, prepare units and participate in simulated teaching.

333 Teaching in the Inclusive Classroom (ESOL infused course) (3) (W)

Prerequisites: EDU 200, 201, 203, 301, 304 and admission to teacher education. Discusses inclusion as a philosophy and practice. Focus is on the identification/instruction of students with special needs.

401 Teaching Practicum II: Secondary (Not Music or PE) (ESOL infused course) (4)

Prerequisites: EDU 200, 201, 203, 301, 304, 333, admission to teacher education and a 2.5 GPA in the major(s) and overall. An intensive study involving the application of education theoretical, philosophical and pedagogical principles for grades 6-12. Required is a 120 hour minimum field experience for which extensive, fully planned lessons are developed and implemented in the classroom. Lectures and seminars about curriculum and instruction issues are presented at the university. Field experience placements are assigned by the Department of Education.

404 Teaching English to Speakers of Other Languages II (TESOL II) (3)

Prerequisites: EDU 200, 201, 203, 301, 304, and admission to teacher education. Corequisites: EDU 443 Teaching Practicum II: Elementary or EDU 401 Teaching Practicum II: Secondary. This course further develops the concepts presented in EDU 301 and 304. Emphasis will be placed on the content areas of applied linguistics, curriculum integration, and methods of teaching ESOL. This is a required course for all elementary majors and secondary English majors. Field hours required (as part of Teaching Practicum II).

406 Teaching Practicum III: Elementary and Secondary Final Internship (ESOL infused course) (10)

Prerequisites: admission to teacher education program, passage of all sections of the FTCE, application for degree, a minimum GPA of 2.5 overall and 2.5 in the major(s). Corequisite: EDU 444. A full semester of 14 weeks under the guidance of certified teachers provides practical application for pre-service teachers seeking certification for grades K-12 in the areas of music and physical education. The semester involves 7 weeks at the elementary level and 7 weeks at the secondary level. The internship is graded on a satisfactory-unsatisfactory basis. Students enrolling are advised that the internship is a full-time endeavor. Interns are advised against outside employment and may not enroll in additional courses.

407 Teaching Practicum III: Secondary Final Internship (ESOL infused course) (10)

Prerequisites: admission to teacher education program, passage of all sections of the FTCE, application for degree, a minimum GPA of 2.5 overall and 2.5 in the major(s). Corequisite: EDU 444. A full semester of 14 weeks under the guidance of certified teachers provides practical application for pre-service teachers seeking certification for grades 6-12 in the areas of English, mathematics, social sciences, and biology. The internship is graded on a satisfactory-unsatisfactory basis. Students enrolling are advised that the internship is a full-time endeavor. Interns are advised against outside employment and may not enroll in additional courses.

411 Teaching Practicum III: Physical Education (K-8) Final Internship (ESOL infused course) (10)

Prerequisites: admission to teacher education program, passage of all sections of the FTCE, application for degree, a minimum GPA of 2.5 overall and 2.5 in the major(s). Corequisite: EDU 444. A full semester of 14 weeks under the guidance of certified teachers provides practical application for pre-service teachers seeking certification in physical education in grades K-8. The internship is graded on a satisfactory-unsatisfactory basis. Students enrolling are advised that the internship is a full-time endeavor. Interns are advised against outside employment and may not enroll in additional courses.

412 Teaching Practicum III: Physical Education (6-12) Final Internship (ESOL infused course) (10)

Prerequisites: admission to teacher education program, passage of all sections of the FTCE, application for degree, a minimum GPA of 2.5 overall and 2.5 in the major(s). Corequisite: EDU 444. A full semester of 14 weeks under the guidance of certified teachers provides practical application for pre-service teachers seeking certification in physical education in grades 6-12. The internship is graded on a satisfactory-unsatisfactory basis. Students enrolling are advised that the internship is a full-time endeavor. Interns are advised against outside employment and may not enroll in additional courses.

417 Diagnosis and Remediation of Reading Problems in the Elementary School (ESOL infused course) (3)

Prerequisites: EDU 200, 201, 203, 301, 304, 314, 315, 316 and admission to teacher education. Involves study and practice in diagnosing reading status of individuals and prescribing appropriate reading methods and materials to improve reading performance. Emphasizes instruments and other evaluative materials and practices. Field hours required.

424 Secondary Music Education (3)

Prerequisites: EDU 200, 201, and 203, and admission to teacher education. A specialized methods course for music education majors. Topics include teaching methods and curriculum materials, as well as planning and management of band, choral and orchestral programs. Field hours required. (# Every other fall semester only.)

425 Special Methods of Teaching Secondary Physical Education (4)+

Prerequisites: EDU 200 and 201, 20 hours of physical education and admission to teacher education. A study and practice in methods pertinent to secondary physical education. Field hours required. (+ Fall semester only.)

441 Classroom Management (ESOL infused course) (3) (W)

Prerequisites: EDU 200, 201, 203, 301, 304 and admission to teacher education. A comprehensive survey of the theories and strategies enabling teachers to manage student behavior and solve classroom problems. Field hours required.

442 Learner Diversity and Cross-Cultural Understanding (ESOL infused course) (3) (W)

Prerequisites: EDU 200, 201, 203, 301, 304 and admission to teacher education. Corequisites: EDU 401 or EDU 443. An investigation of learner diversity, including linguistic diversity, with emphasis on developing anti-bias learning strategies, curriculum, and learning environments, as well as corresponding interaction between teacher and learner.

443 Teaching Practicum II: Elementary (ESOL infused course) (4)

Prerequisites: EDU 200, 201, 203, 301, 304, admission to teacher education and a 2.5 GPA in the major(s) and overall. Corequisites: EDU 404 and EDU 442. An intensive study involving the application of theoretical, philosophical and pedagogical principles for grades 1-6. Required is a 120 minimum field experience for which extensive, fully planned lessons are developed and implemented in the classroom. Lectures and seminars about curriculum and instruction issues are presented at the university. Field experience placements are assigned by the Department of Education.

444 Teaching Practicum III: Seminar Final Internship (ESOL infused course) (2)

Prerequisites: Completion of all required coursework, passage of all sections of the FTCE, application for degree, and a minimum GPA of 2.5 overall and 2.5 in the major(s). Corequisite: EDU 445 Teaching Practicum III Final Internship. Topics include reflective inquiry, classroom management, the diverse classroom, lesson and unit planning, ethics and continued professional growth. Students develop a professional portfolio as part of their evaluation.

445 Teaching Practicum III: Elementary Final Internship (ESOL infused course) (10)

Prerequisites: admission to the teacher education program, passage of all sections of the FTCE, application for degree, a minimum GPA of 2.5 overall and 2.5 in the major(s). Corequisite: EDU 444. A full semester of 14 weeks provides practical application and practice in an elementary classroom under the direction of a certified teacher. Seminars and lectures on campus are required throughout the semester. The internship is graded on a satisfactory-unsatisfactory basis. Students enrolling are advised that the internship is a full-time endeavor. Interns are advised against outside employment and may not enroll in additional courses.

489 Special Topics in Education (1-4)

Prerequisites: EDU 200, 201, 203, 333, admission to teacher education or current teacher certification, and the consent of the Department of Education Chair. Provides in-service and pre-service teachers with fully accredited education coursework that satisfies Florida Department of Education certification and continuing education certification requirements.

490-491 Special Topics in Education (1-4)

Prerequisites: EDU 200, 201, 203, 333, admission to teacher education or current teacher certification, and the consent of the Department of Education Chair. Provides in-service and pre-service teachers with fully accredited education coursework that satisfies Florida Department of Education certification and continuing education certification requirements.

English (ENG)

100 Basics of Grammar and Writing (4)

An intensive review of basic writing strategies and English usage offered as preparation for English 101 and 102. The course emphasizes clarity, organization, and purpose in the writing process. English 100 does not fulfill general curriculum distribution requirements, nor does it replace English 101 or 102, nor does it count toward the English major or minor. Students who have earned credit for English 101 or 102 may take this course only by written permission of the department chair.

101, 102 Composition and Rhetoric I, II (First-Year Writing) (4, 4)

Teaches the process of writing effective expository essays. ENG 102 includes extensive instruction and practice in research writing. May not count for the English or writing major or minor. Students must complete ENG 101 with a grade of “C” or better to register for ENG 102. (*fall and spring semesters)

110, 111 English for Non-Native Speakers I, II (4, 4)

Designed to develop and improve skills for students for whom English is a second language. Non-native or bilingual students with English-language difficulties must take ENG 110 before taking ENG 101 and 102. (See statement on placement testing in English in the academic programs chapter.) The professor also may recommend a student take ENG 111 before taking ENG 101 and 102. Neither ENG 110 nor ENG 111 meets the requirements for ENG 101 or 102, or any other requirement of the general curriculum distribution. Neither of the courses counts toward the English major or minor. Must be completed with a grade of “C” or better to register for ENG 101.

200 Introduction to Shakespeare (4) (W)

An introduction to the plays and poems of William Shakespeare, including a survey of the texts and an introduction to the staging and poetry of the work. The objectives of this course are to familiarize students with the work and techniques of a great poet and playwright. For English and writing majors, it is essential. For all students, a familiarity with Shakespeare is a cornerstone of a rounded liberal arts education. (*every other fall semester)

201 World Literature I (4) (W) (IG)

A survey of major world authors from the ancient world through the Renaissance. (*every fall semester)

202 World Literature II (4) (W) (IG)

A survey of major world authors from the 18th century to the present. ENG 201 is not a prerequisite for ENG 202. (*every third year)

204 Advanced Composition (4) (W)

Prerequisites: ENG 101 and 102 (101 may be waived). Further study of the principles of writing. (*every other year)

205 Advanced English Grammar (4) (W)

Explores attitudes toward language and examines the way English works: its history, regional and social varieties, and its grammar. Includes a thorough review of the conventions of usage governing Standard American Written English. (*fall semester of even-numbered years)

206 British Literature I (4) (W)

A survey of major authors and literary trends up to the 18th century. (*every other fall or spring semester)

207 British Literature II (4) (W)

A survey of major authors and trends from the 19th century to the present. ENG 206 is not a prerequisite for ENG 207. (*fall semester)

208 American Literature I (4) (W)

A survey of major authors and literary trends from colonial and revolutionary periods to the westward expansion. (*every other year)

209 American Literature II (4) (W)

A survey of major authors and literary trends from the Civil War to modern times. ENG 208 is not a prerequisite for ENG 209. (*fall or spring semester)

210 Basic Linguistics (4)

An introduction to the study and description of language according to the principles of modern linguistics. No prerequisites. Equivalent to LIN 210. Satisfies the ENG 205 Advanced English Grammar requirement for teacher certification. (*every other spring semester)

211 Myth and Epic: From Orality to Literacy (4) (W) (IG)

A study of great myths and epics from Mesopotamia, ancient Greece, classical Rome, medieval Europe and Africa. Open to all students. (*every third year)

212 Critical Thinking (4) (W)

Designed to strengthen students' skills in reasoning about problems and issues of everyday life by helping them to distinguish between good and bad arguments. Students work to achieve these goals through reading and discussion of course materials, written analyses of others' arguments, or development of their own arguments and class debates for practice in persuasive argument. Equivalent to PHL 212.

214 Introduction to Literature and Interpretation (4) (W)

Introduces students to the study of a variety of genres (novels, short fiction, drama, poetry and creative nonfiction) and several different methods of textual interpretation. (Every spring semester)

Note: Each semester, the English area offers courses that examine contemporary issues and values and their backgrounds. The following courses (ENG 215-238) are offered on a rotating basis. New courses may be added and old ones dropped as concerns change.

216 Contemporary Themes in Literature and Film: Mothers and Daughters (4) (W)

An exploration of the myths and realities of the mother-daughter relation as presented in poetry, fiction, autobiography, film and visual art by women.

217 Contemporary Themes in Literature and Film: Warfare (4) (W)

Explores the vicarious experience of warfare and the practical and moral problems associated with command. (*every third year)

220 Spiritual Autobiography (4) (W, NW) (IG)

The course offers a comparative survey of spiritual autobiographies chosen from Buddhist, Christian, Jewish, Muslim, Lakota Sioux and independent spiritual traditions.

221 Contemporary Themes in Literature and Film: Counter Culture (4) (W)

A study of recurring patterns in social, cultural and artistic revolution of the last 100 years. Includes the decadents, the lost generation, the beats and the hippies. (*every third year)

223 Contemporary Themes in Literature and Film: Morality in Detective and Spy Fiction (4) (W)

A study of two popular and related genres, focusing on historical development and the agent and detective as heroes. Emphasizes issues of morality in the spy novels of Buckley, LeCarre and others. (*every third year)

226 Contemporary Themes in Literature and Film: Film Classics (4)

A study of film techniques, history and development of film, and analysis of selected film classics. (*every third year)

229 Contemporary Themes in Literature and Film: Contemporary African and Third World Literature (4) (W) (NW) (IG)

A study of the contemporary world scene as perceived by the authors of African and Third World literature. (*every other year)

230 Contemporary Themes in Literature and Film: The American Adolescent Experience (4) (W)

A study of approximately 10 major novels plus short fiction treating the problem of growing up in America. Authors explore such questions as self-discovery, initiation, moral dilemma and sexual fantasizing. (*every other year)

234 Multiethnic Literature and Film (4) (W)

This course explores four major ethnic heritages—Native American, Hispanic, African American and Asian American—through contemporary literature and film. Discussion of the unique historical background casts light upon multicultural expression in literature and film. Other arts, such as dance, music, and folklore, enrich our appreciation of each community's artistic identity.

237 Contemporary Themes in Literature and Film: Comedy and Absurdity (4) (W)

A study of comedy in all its genres—fiction, film, and play—as a response to the absurdities of human existence. (*every third year)

238 Contemporary Themes in Literature and Film: Women's Literature (4) (W) (IG)

An introduction to classics of world literature written by women. Special emphasis is on English literature and the contemporary era. Equivalent to WST 238. (*every other year)

249 Transformation: Fiction to Screen (4) (W)

A study of the transformation of short stories and novels to the screen aimed at an enhanced appreciation of both the written page and the visual medium. Equivalent to COM 249.

250 Spanish Literature in English Translation (4)

No prerequisites. A study of selected masterpieces of Spanish literature. Course and readings are in English. Equivalent to SPT 250. (*occasionally)

257 The Contemporary Novel (4) (W)

No prerequisites. A study of selected novels by major contemporary authors. (*every other year)

282-289 Modern Drama (4) (W)

Studies include survey of modern drama (Ibsen to the present), contemporary British drama, contemporary American drama or modern Continental drama. May be repeated if content varies. Open to all students. Equivalent to DRA 282-289. (*every other year)

300 The Romantic Writers (4) (W)

Prerequisites: ENG 101 and 102. A study of the Romantic Movement from Blake to Keats. (*every third year)

301 The Victorian Writers (4) (W)

Prerequisites: ENG 101 and 102. A study of Victorian literature from Carlyle to Kipling. (*every third year)

303 Modern Poetry (4) (W)

An introduction to the major poets and schools of modern and contemporary poetry in England and the United States. (*every other year)

307 Shakespeare's Romances and Tragedies (4) (W)

Prerequisite: ENG 101 and 102, or consent of instructor. An advanced study of several of Shakespeare's finest romances and tragedies, involving a close analysis of the texts and incorporating a thorough grounding in the Renaissance mind set. (*every other spring semester)

308 Shakespeare's Comedies and Histories (4) (W)

Prerequisite: ENG 101 and 102, or consent of instructor. An advanced study of several of Shakespeare's finest comedies and history plays. (*every other spring semester)

309-311 Advanced Drama (4) (W)

Prerequisites: ENG 101 and 102. Studies include Elizabethan, Restoration or contemporary drama. May be repeated if content varies. Equivalent to DRA 309-311. (*every third year)

312 Contemporary World Literature (4) (W) (NW) (IG)

Prerequisites: ENG 101 and 102. A survey of today's major living authors from around the world. (*every other year)

318-322 Fiction (4) (W)

Prerequisites: ENG 101 and 102. A study of traditional or experimental novels or short fiction. May be repeated if content varies. (*every other year)

324 Post-Colonial Literature and Theory (4) (W) (NW) (IG)

This course is designed to focus on a variety of colonial and post-colonial literatures in Africa, the Caribbean, Indonesia or Latin America. It will be a study of the representation of personal, racial and national identity in works from the selected region, written during the period of struggle against colonialism and afterwards. May be repeated if content varies.

325 The Eighteenth Century (4) (W)

Prerequisites: ENG 101 and 102. Studies the major authors of the neoclassical period. (*every third year)

334 The Medieval Vision (4) (W)

Prerequisites: ENG 101 and 102. Investigation of medieval views of the world and humankind through close reading of several literary masterpieces. (*every third year)

335 English Renaissance Literature (4) (W)

Prerequisites: ENG 101 and 102. The poetry, prose and drama of England's most glorious literary period, the sixteenth and seventeenth centuries. Includes Shakespeare's sonnets, but not the plays. (*every third year)

340-344 Major Poets (4) (W)

Prerequisites: ENG 101 and 102. Close reading and analysis of one or more major poets. May be repeated if content varies. (*every other year)

360-365 Major Authors (4) (W)

Prerequisites: ENG 101 and 102. A study of one or more of the most significant American, British or world writers. May be repeated if content varies. (*every year)

430 Literary Criticism (4) (W)

Prerequisites: ENG 101, 102, and 214, or consent of instructor. A study of significant contemporary literary theories and their classical origins. Selected approaches to literary texts may include formalist, Freudian, archetypal, structural and post-structural criticism. (*every other year)

444 Wordimagebookscreen (4) (W)

Drawing on various disciplines, this course focuses on methods for “reading” culture and contemporary consciousness, concentrating on word and image in the formation of attitudes, ideologies and myths. Introduces cultural analysis and a metalanguage through which students can understand the competing sign systems and discourses of culture. Equivalent to COM 444.

450-454 Topics in English (1-4) (W)

Prerequisites: ENG 101 and 102. Deals with different subjects each time course is offered and may be repeated for credit.

460-465 English Studies: Career Internship for English Majors (1-8)

Prerequisites: junior or senior standing and a 3.0 or higher grade point average. An internship program to acquaint English majors with the business world and to show them how their special skills can be used in that environment. May not count toward the requirements for the major.

495-499 Directed Reading (1-4)

Prerequisites: ENG 101 and 102, and consent of instructor and department chairperson. A program of directed readings and related writing assignments agreed upon by individual students and professors. May be repeated if content varies.

Exercise Science and Sport Studies (ESC)

105 Biokinetics and Conditioning (2)

Involves testing, designing, and implementing a personal physical fitness program. Emphasis is on developing and implementing personal fitness programs that include cardiorespiratory endurance, muscular strength and endurance, flexibility and body composition. (*fall and spring semesters)

110 Introduction to Exercise Science and Sport Studies (2)

An introduction to the exercise science profession, including the objectives, structure, history, philosophy and biological aspects of physical education and their field applications. (*fall and spring semesters)

150 First Aid (2)

A standard course leading to Red Cross certification in first aid and in personal safety and cardiopulmonary resuscitation (CPR). (*fall and spring semesters)

151 Swimming (1)

Develops fundamental skills and methods for teaching swimming and water safety. (*fall and spring semesters)

175 Practicum in Athletic Training I (1-2)

Prerequisite: consent of instructor. Involves instruction and supervised practice of selected athletic training skills including documentation, advanced CPR and wound manage-

ment. Also involves the technical application of selected therapeutic exercises, physical agents, and protective taping and wrapping. Completion of this course included practical examinations and clinical hour requirements. Students must be admitted into the preprofessional phase of the athletic training program to be eligible to enroll in this course. (*fall and spring semesters)

200 Methods of Teaching Tennis (1)

Covers methods and procedures for teaching tennis. May be used toward professional activities requirement of adult fitness *concentration*. (*fall and spring semesters)

202 Outdoor Education (4)

An interdisciplinary approach to education in the outdoors, combining lectures, observations, field investigations and practical experiences in camping, canoeing, fish and wildlife management, environmental control and other concomitants of the outdoors. Two hours may be used toward professional activities requirement of adult fitness *concentration* (*summer sessions)

240 Lifetime Sports (2)

Covers methods of teaching the recreational sports of archery, badminton and golf. May be used toward professional activities requirement of adult fitness *concentration*. (*fall and spring semesters)

252 Gymnastics (3)

Prepares students for teaching educational gymnastics, tumbling and apparatus. May be used toward professional activities requirement of adult fitness *concentration*. (*spring semester)

270 The Prevention and Care of Sports Injuries (3)

Prerequisites: HEA 100, HEA 230 and ESC 150. Familiarization with the field of athletic training and the basic techniques, principles and theories underlying the prevention and care of a variety of athletic injuries and conditions. (*fall and spring semesters)

275 Practicum in Athletic Training II (1-2)

Prerequisite: consent of instructor. Involves instruction and supervised practice of selected athletic training skills covering environmental hazards, emergency procedures, and technical application of selected physical agents and protective taping and wrapping. Completion of this course includes practical examinations and clinical experience requirements. Students must be admitted into the athletic training program to be eligible to enroll in this course. (*fall semester).

276 Practicum in Athletic Training III (1-2)

Prerequisite: consent of instructor. Involves instruction and supervised practice of the theories and techniques used to evaluate and assess the injuries and illnesses encountered in the field of athletic training. Completion of this course includes practical examinations, written examinations, and clinical experience requirements. Students must be admitted into the athletic training program to be eligible to enroll in this course. (*spring semester)

280 Adult Fitness (3)

A comprehensive discussion of corporate fitness that stresses fitness testing, prescriptive fitness programs and the role of fitness centers in the corporate/community structure. (*fall and spring semesters)

290 Introduction to Sports Management (3)

A survey of the basic concepts and theories of athletic administration, including planning, financing, control, staffing, marketing, scheduling, facilities and event management. (*fall and spring semesters)

307 Movement Education/Games and Sports (3)

Prerequisite: EDU 200. A comprehensive discussion of movement education, stressing an individual approach to teaching basic movement skills, games and sports. (*spring semester)

312 Dance/Rhythmics (3)

Prepares students for teaching creative rhythmics, folk and square dancing, and aerobic dancing. (*spring semester)

320 Coaching and Teaching of Football and Wrestling (2)

Focusing on developing and testing skills in participants, as well as officiating in football and wrestling and examining the psychology of coaching. May be used toward professional activities requirement of adult fitness concentration. (*fall semester)

321 Coaching and Teaching of Baseball, Basketball and Softball (2)

Focusing on developing and testing skills in participants, as well as officiating in baseball, basketball and softball and examining the psychology of coaching. May be used toward professional activities requirement of adult fitness concentration. (*spring semester)

322 Coaching and Teaching of Volleyball and Track and Field (2)

Focusing on developing and testing skills in participants of volleyball and track and field and examining the psychology of coaching. May be used toward professional activities requirement of adult fitness concentration. (*fall semester)

323 Coaching and Teaching of Soccer and Field Hockey (2)

Focusing on developing and testing skills in participants of soccer and field hockey and examining the psychology of coaching. May be used toward professional activities requirement of adult fitness concentration. (*spring semester)

329 Coaching Team and Individual Sports (3)

A comprehensive approach to coaching athletics, including planning, values, psychology, roles and goals. (*spring semester, But only Fall 2003 for the 2003-2004 school year)

330 Motor Development and Skill Acquisition (3)

Prerequisites: HEA 230 and ESC 105. A study of motor development through the life cycle, with emphasis on physical growth, the effects of exercise, fundamental motor patterns and developmental skill acquisition. (*fall and spring semesters)

340 Applied Kinesiology (3) (W)

Prerequisite: HEA 230. A study of the bone-muscle relationships and problems of analysis in human motion as related to the muscular skills in body mechanics and athletics. (*fall and spring semesters)

370 Medical and Surgical Issues in Athletic Training (3)

Prerequisites: HEA 100 and 230, ESC 150 and 270, and consent of instructor. Seminar style class with physicians and other health care specialists emphasizing the recognition and evaluation of injuries and illnesses and the medical intervention and rehabilitation methods used for these problems. (*spring semester)

373 Therapeutic Modalities (3)

Prerequisites: ESC 270 and HEA 231 and consent of instructor. Studies the scientific basis and physiological effects of various therapeutic modalities. Provides knowledge necessary to make decisions as to which modalities will be most effective in a given situation.

374 Therapeutic Exercise (3)

Prerequisites: ESC 340 and ESC 373 and consent of instructor. Offers didactic and practical education necessary to make decisions on when and how to alter and progress a rehabilitative program based within the framework of the healing process.

375 Practicum in Athletic Training IV (1-2)

Prerequisite: consent of instructor. Involves instruction and supervised practice of selected athletic training skills including computer skills, certain assessment and screening

skills, and fabrication and application of various protective pads, splints, wraps, and braces. Completion of this course includes practical examinations and clinical experience requirements. Students must be admitted into the athletic training program to be eligible to enroll in this course. (*fall semester).

376 Practicum in Athletic Training V (1-2)

Prerequisite: consent of instructor. Involves instruction and supervised practice of selected athletic training skill including palpation techniques, anthropometric measures, goniometry, and manual muscle testing. Completion of this course includes practical examinations and clinical experience requirements. Students must be admitted into the athletic training program to be eligible to enroll in this course. (*spring semester).

380 Exercise Testing and Prescription (3)

Prerequisite: HEA 230. Studies trends in exercise habits, exercise evaluations and the process for clients developing a total wellness approach to living. Students will learn to apply principles of developing a fitness program. (*spring semester)

390 Administration and Financial Management of Athletics (3)

Prerequisites: ESC 290 and 110, ACC 202, and ECO 204. An in-depth study of the administrative and financial policies, standards and procedures involved in the sports management profession and related fields. (*fall semester)

393 Stadium and Arena Management (3)

Prerequisites: ESC 110 and 290, ACC 202, and ECO 204. Covers the various aspects and functions of managing a stadium and/or arena. Covers the basic considerations in planning these facilities and how proper planning facilitates their management. (*fall semester)

395 Sports Marketing/Fund Raising (3)

Prerequisites: ESC 110 and 290, ACC 202, and ECO 204. Studies marketing, fundraising and promotion techniques as they apply to the sports business. (*spring semester)

400 Adaptive Physical Education (3) (W)

Examines the special physical education needs of individuals with chronic or functional handicaps. (*fall and spring semesters)

411 Recreation Leadership and Administration (2)

A study of the organizational patterns and administrative processes involved in leisure-oriented organizations. (*fall and spring semesters)

412 Organization and Administration of Physical Education (3) (W)

Studies the procedures for organizing and managing physical education, fitness and sports programs, and analyzes the administrative concepts. (*fall and spring semesters)

414 Sports and Society (3)

An analysis of sports from a sociological perspective. Investigates sports theory from historical to modern contexts. Includes a critical appraisal of the expanding literature on the origins, functions and effects of sports in society.

450 Tests and Measurement (3)

Prerequisites: ESC 105 and 110. Open only to junior and senior exercise science majors whose concentration is teaching physical education, and exercise science students whose concentration is adult fitness. A study of the available tests and measurement procedures for the physical education instructor. (*fall semester)

460 Physiology of Exercise (3) (W)

Prerequisite: HEA 230. Develops knowledge and understanding of the function and limitations of the organism during exercise. (*spring semester, But only Fall 2003 for the 2003-2004 academic year)

470 Field Work in Recreation (4-6)

Prerequisite: completion of six semester hours of professional courses. An instructional program that includes supervised pre-professional practice in approved recreational service agencies. Involves observation and participation in planning, conducting and evaluating at the face-to-face supervisory and executive levels of leadership. Graded on a pass-fail basis. (*fall and spring semesters)

475 Internship in Athletic Training (1-2)

Prerequisite: consent of instructor. Involves practical experience in evaluation and care of athletic injuries; includes directed and self-directed clinical experiences at the university and off-campus clinical sites. Provides an opportunity for development of critical thinking skills to integrate previously acquired knowledge and skills in clinical practice and the care of patients. There will be in-services, practical examinations, clinical assessments and clinical experience requirements for completion of this course. Students must be admitted into the athletic training program to be eligible to enroll in this course. May be repeated for credit. (*fall and spring semesters)

480 Internship in Adult Fitness Programs (2-12)

Offers practical experience in health and fitness center programming. Admission by application to the department chair. Graded on a pass-fail basis. (*fall and spring semesters)

490 Internship in Sports Management (2-12)

Offers practical experience in sports management within the local business community. Admission by application to the department chair. Graded on a pass-fail basis. (*fall and spring semesters)

491 Seminar in Sports Management (3) (W)

Prerequisites: ESC 110 and 290, ACC 202, ITM 210, ECO 204 and junior or senior standing. A seminar dealing with advanced problems in sports management. Issues include legal aspects, governance of athletics, eligibility standards and ethics in athletics. (*spring semester)

495 Professional Topics in Athletic Training (3)

Prerequisites: ESC 370 and consent of instructor. This course will encompass several of the professional-level competencies required for organization and administration within the field of athletic training, including topics in budgeting, insurance, legal issues and pharmacology.

499 Special Topics in Physical Education (1-4)

Prerequisite: junior standing. A seminar and/or independent study incorporating special issues in the field of physical education. May be repeated for credit. (*fall and spring semesters)

Finance (FIN)

310 Financial Management (3)

Prerequisites: all lower-level Sykes College of Business core requirements, plus ENG 101 and 102, ITM 200, and MAT 160. A study of the processes, institutional framework and decisions faced by firms in the acquisition and use of funds. Practical emphasis is on corporate entities, including their utilization of capital budgeting in a world of taxes, law and risks. A traditional first course in corporate finance. (*fall and spring semesters)

410 Intermediate Financial Management (3)

Prerequisite: FIN 310. An in-depth study of the decision-making process in the corporate environment. Topics include cash management, capital budgeting, capital structure, mergers and international finance. Discusses the theory and advanced mathematical techniques needed to investigate these complex problems. Not open to graduate students. (*fall semester)

440 Investments (3)

Prerequisite: FIN 310. An introductory investment analysis class. Covers common stocks, government and corporate bonds, mutual funds and portfolio management. Not open to graduate students. (*fall and spring semesters)

470 Financial Markets, Institutions, and Money (3)

Prerequisite: FIN 310. An introduction to the regulation of depository and non-depository financial intermediaries. Market efficiency, securitization and risk management also are investigated. Open to graduate students. (*spring semester)

490 Finance Internship (3-6)

Prerequisites: junior or senior standing with at least a 2.75 overall GPA, or at least a 2.5 overall GPA and a 3.0 in COB courses; FIN 310 and two additional finance courses. May not be used to satisfy major requirements. Approval of the associate dean required. (*fall and spring semesters)

491 Financial Policies and Strategies (3)

Prerequisites: FIN 310 and 410, and senior status. Senior seminar course for finance majors. An intermediate course in finance with heavy use of cases that explore timely topics in-depth, such as forecasting and financial modeling skills, financial statement analysis, project financing and strategic alliances, IPOs, and equity issuances. Not open to graduate students. (*spring semester)

495 Topics in Finance (1-3)

Prerequisite: consent of the associate dean of the Sykes College of Business. A readings or independent study course taken under faculty guidance for variable credit.

600 Topics in Finance (1-3)

For graduate students only. Prerequisite: written permission of the department chair. Contemporary topics in finance.

610 Creating Value Through Financial Strategies (1.5)

For graduate students only. Prerequisites: ACC 615 and ITM 603. This course focuses on the use of financial tools to determine which strategies will increase shareholder value. Students use discounted cash flow analysis to value corporate securities and to make capital budgeting and other expenditure decisions. There is in-depth coverage of how to determine relevant cash flows and the cost of capital. This course also provides an in-depth discussion of the risk-return trade-off and how it affects strategic decisions in all areas of the firm, including capital budgeting and capital structure. The major focus is to increase owner wealth by making decisions that are expected to have cash flows that provide a return in excess of the risk-adjusted required return. (*fall and spring semesters)

616 Advanced Financial Management (3)

For graduate students only. Prerequisite: FIN 610. This course offers a rigorous application of financial principles to real-world business problems using case analyses. (*fall semester)

625 New Venture Capital (1.5)

For graduate students only. Prerequisites: FIN 610 and ACC 621. This course examines the various forms of financing that are available to entrepreneurs beginning with bootstrap financing through various stages of venture capital and debt financing and finishing with the initial public offering (IPO) process. (*spring semester)

635 Bond Markets Analysis and Strategy (1.5)

For graduate students only. Prerequisite: FIN 610. The aim of this course is to introduce the valuation of fixed income securities and the management of fixed income investment portfolios. This course provides an analysis and overview of bond principals, pricing, duration, convexity, bond portfolio management, and the term structure of interest rates. (*spring semester)

640 Investment Portfolio Management (3)

For graduate students only. Prerequisite: FIN 610. Investigates the various investment alternatives available to individuals in the securities market. Develops the concepts of risk and return in a portfolio context. (**fall semester*)

642 Financial Futures, Options, and Swaps (3)

For graduate students only. Prerequisite: FIN 610 or instructor's permission. A comprehensive overview of the significant risk management and tactical asset allocation functions offered by derivative securities, including forward and future contracts, options, forward rate agreements, and swaps. (**spring semester*)

704 Financial Strategy for Technology Intensive Companies (1.5)

For graduate students only. Prerequisite: Foundation course sequence. This course focuses on the financial strategies and analytic tools used by leading technology companies for managing financial risk created by decisions requiring very large capital investment under conditions of technological uncertainty and rapid industry change. Sources of capital such as private and public equity and debt markets are explored, along with the impact of those sources on long-term financial performance. (**spring semester*)

French (FRE)

Students who have had one or more years of French in high school are encouraged to register at the highest level compatible with their knowledge of the language, including 300- and 400-level courses. Credit cannot be earned in 100- and 200-level French courses that are prerequisites for courses already successfully completed.

101, 102 Elementary French I, II (4, 4) (IG)

Not open to native speakers of French. FRE 101 (or equivalent skills) is a prerequisite for FRE 102. Beginning French with an emphasis on French culture, as well as understanding and speaking French in practical situations. Includes practice in reading and writing. Students who have successfully completed two or more years of French in secondary school within the previous eight years may not enroll in French 101 for credit, except by written permission of the instructor. (**fall and spring semesters*)

110 Elementary French Review (4) (IG)

Not open to native speakers of French. May not be taken after FRE 101. Review of French for students who have studied the language in high school for at least two years. Emphasis on accelerated grammar and on speaking. Listening comprehension, reading and writing are included. Credit may not be earned for both French 102 and 110. (**fall and spring semesters*)

201, 202 Intermediate French I, II (4, 4) (IG)

Not open to native speakers of French. Prerequisite: French 102 or two or more years of high school French, or equivalent skills. Develops a greater understanding of French culture and everyday French, as well as speaking, reading and writing skills. (**FRE 201 fall semester; FRE 202 spring semester, occasionally in other semesters*)

251-259 Topics in French (1-4) (IG)

Prerequisite: consent of instructor. Content varies. May be repeated for credit.

300, 301 Advanced French I, II (4, 4) (IG)

Prerequisites: FRE 202 or equivalent, or four or more years of high school French or equivalent skills. Not open to students who received their secondary education in the French language. Emphasis in Advanced French I is on oral expression, reading and vocabulary building. Emphasis in Advanced French II is on writing, vocabulary building and grammar. (**occasionally*)

317 Introduction to French Literature (4)

Prerequisite: FRE 202 or equivalent skills, or consent of instructor. A reading and discussion of selections by master writers of French literature. (**occasionally*)

351-359 Topics in French (1-4) (IG)

Prerequisite: consent of instructor. Content varies. May be repeated for credit.

404 French Culture and Civilization (4) (IG)

Prerequisite: Two 300-level French courses, equivalent skills, or consent of instructor. An integrated picture of the political, economic, social, geographical and cultural forces that have shaped France and the Francophone world. (*occasionally)

451-459 Topics in French (1-4) (IG)

Prerequisite: consent of instructor. Content varies. May be repeated for credit.

French Literature in English Translation (FRT)

220 French Literature in English Translation (4)

A study of great themes and values expressed by selected authors and movements in French literature. Course and readings are in English. No prerequisite. (*occasionally)

Gateways (GTW)

100 Gateways (1)

Gateways is a required course for all incoming first-year students. Students learn the necessary skills for college success, including course planning, time management, study skills, personal and relationship issues, and student organization involvement.

102 Gateways 2 (1)

Gateways 2 is a required course for all second-semester freshmen. The course emphasizes career and major decision-making, as well as career exploration activities, preparing students for a future beyond college.

Geography (GEO)

102 World Geographical Problems (4) (NW) (IG)

An introductory study with major attention to the principles and concepts of the subject. (*every other fall semester)

202 Physical Geography (4) (IG) (NW) (IG)

This course studies land forms, weather, climate, vegetation and soils in an effort to understand map-making for every continent and region of the world. (*fall semester)

205 Principles of Resource Utilization (4) (W)

Preservation, conservation and exploitation of natural resources. Survey of global resources and their influence on society. (*fall semester)

207 Economic Geography (4) (W) (IG)

A survey of the resources, industry and commerce of the United States and foreign countries. (*every other spring semester)

German (GER)

Students who have had one or more years of German in high school are encouraged to register at the highest level compatible with their knowledge of the language, including 300-level courses. Credit cannot be earned in 100- and 200-level German courses that are prerequisites for courses already successfully completed.

101, 102 Elementary German I, II (4, 4) (IG)

Not open to native speakers of German. German 101 (or equivalent skills) is a prerequisite for German 102. Beginning German with an emphasis on German culture, as well as

understanding and speaking German in practical situations. Includes practice in reading and writing. Students who have successfully completed two or more years of German in secondary school within the previous eight years may not enroll in German 101 for credit, except by written permission of the instructor. (*GER 101 fall semester; GER 102 spring semester)

201, 202 Intermediate German I, II (4, 4) (IG)

Not open to native speakers of German. Prerequisite: GER 102, two or more years of high school German, or equivalent skills. Develops a greater understanding of German culture and everyday German, as well as speaking, reading and writing skills. (*occasionally)

251-259 Topics in German (1-4) (IG)

Prerequisite: consent of instructor. Content varies. May be repeated for credit.

351-359 Topics in German (1-4) (IG)

Prerequisite: consent of instructor. Content varies. May be repeated for credit.

Government and World Affairs (GWA)

GWA 100, 200 or 201 is a prerequisite for all other Government and World Affairs courses.

100 Introduction to Government and World Affairs (4) (NW) (IG)

Covers the essential elements of political science from a national and international perspective. (*fall and spring semesters)

200 American Government (4)

Covers the political processes, institutions and policies of the national political system of the United States. (*spring semester)

201 World Affairs (4) (W) (NW) (IG)

An exploration of the political, economic and social processes between and among actors in the global community. (*fall semester)

202 International Political Economy (4) (NW) (IG)

Introduces the contours of the international economic system, including issues of dependency, aid, trade, multinational corporations, and the politics of economic exchange. (*every other spring semester)

203 Political Parties and Interest Groups (4) (W)

Studies the organization and functions of political parties and interest groups, primarily in the political system of the United States. (*every other spring semester)

204 Introduction to Law and the Legal System (4) (W)

An examination of the role of laws in society, the fundamental sources of law and the legal system and its procedures. Develops the skills for legal research, writing and analysis. Introduces the substantive areas of constitutional, contract and criminal law and torts. (*fall semester)

205 Contemporary Europe (4) (IG)

This course analyzes the cultural, economic and political spheres of Europe in the wake of the European Union, the demise of the Cold War, and broad globalization trends. Cross-listed with IST 205. (*every other year)

206 Contemporary Latin America (4) (NW) (IG)

This course analyzes the cultural, economic, social and political dimensions of Latin America. Focuses primarily on how several broad issues shape contemporary Latin America. Cross-listed with IST 206. (*every other spring)

207 The Urban World (4) (NW) (IG)

An overview of the causes and consequences of urbanization in the United States, Western Europe and developing countries, integrating economic, geographical, political and sociological perspectives. Cross-listed as SOC 200. (*fall semester)

210 Urban Politics and Policy (4) (W)

Covers political processes, institutions and policies of urban political systems in the United States. (*fall semester)

220 The Congress and the Presidency (4) (W)

Studies legislative and executive roles and interactions in the national government of the United States. (*every other fall semester)

270 Research Methods for Government and World Affairs (4)

Trains students in the methods of research relevant to the field of government and world affairs. Examines the entire research process from initial conception to final production. (*spring semester)

296 America and Vietnam (4) (NW) (IG)

An examination and analysis of America's role in the Vietnam conflict. Equivalent to HIS 296. (*spring semester)

290-299 Special Studies (2-4)

Special courses are offered each year. Course descriptions published annually in the timetable.

301 American Conservatism and Liberalism (4) (W)

This course examines the conflicting perspectives of American conservative and liberal thinkers and political participants from the New Deal era of the 1930s to the present. It analyzes divisions within the conservative and liberal movements, conflicts between the two main movements, and efforts to achieve a synthesis that moves beyond conservatism and liberalism (*every other fall semester).

302 Modern Legal and Political Thought (4) (W) (IG)

Studies the major political and legal ideas that have shaped the contemporary world, including democracy, fascism, conservatism, classical and reform liberalism, socialism, communism, feminism and environmentalism. (*every other fall semester)

303 The Politics and History of Tampa (4) (W)

This course explores the development of political, social and economic structures of the city of Tampa since the 19th century.

304 Public Policy Analysis (4) (W)

Studies the formulation, implementation and evaluation of public policies. Cross-listed as SOC 304. (*spring semester)

314 U.S. National Security Policy (4) (W)(IG)

Examines the process and substance of U.S. national security policy, including institutional settings and specific policy problems. (*every other Fall semester)

340 The Political Economy of Western Europe (4) (W) (IG)

Examines political cultures, processes, institutions and policies in the European Union, Britain, France, Germany and selected other Western European systems. (*every other fall semester)

342 The Political Economy of Latin America (4) (W) (NW) (IG)

Examines political cultures, processes, institutions and policies in selected Latin American political systems. (*every other spring semester)

343 Third World Political and Economic Development (4) (W) (IG) (NW)

Examines the political and economic problems facing developing Third World states. (*every other spring semester)

344 The Political Economy of Africa (4) (W) (IG) (NW)

Examines the political and economic problems and opportunities facing the continent of Africa; the African colonial experience and its impact on modern African development; and how the continent has struggled with political and economic trends over the past 40 years. (*every other fall semester)

402 Constitutional Law and the Supreme Court (4) (W)

A study of the federal judiciary and federal courts, their roles in relation to the executive and legislative branches of government, and the constitutional aspects of discrimination, privacy and procedural due process. Equivalent to CRM 402. (*spring semester)

404 Gender, Sexuality, and the Law (4)(W)

Pre-requisite: junior or senior standing. An overview of the U.S. constitutional and statutory law concerning gender and sexuality. Topics including the right of privacy, legal theories of sexuality and gender, sexual speech and identity speech are analyzed in detail. In addition, the course considers gender and sexuality in education, family law and the nontraditional family, and sexuality and gender in the workplace. Equivalent to CRM 404 (*every other year)

408 The First Amendment and the Supreme Court (4) (W)

A critical examination of law and policy relating to the issues of free press versus fair trial, defamation, national security, obscenity and compelled communication. Cross-listed with CRM 408. (*every other fall semester)

409 Comparative Legal Systems: Western Europe (4) (W) (IG)

A comparative examination of the institutions, structure and sources of law in the Continental and Anglo-American legal systems, as well as in the European Union. (*every other spring semester)

410 International Law (4) (W) (IG)

Concentrates on public international law, examining the legal and political framework by which international legal instruments are created, litigated and enforced across national boundaries. Makes limited reference to private international law. (*fall semester)

413-425 Topics in Government and World Affairs (2-4)

Involves selected topics in political science. May be repeated for credit if subject matter is not repeated. Content varies as announced in the class timetable.

426 Public Opinion, the Media and Power (4)

Prerequisite: junior or senior standing, or consent of instructor. Examines public opinion from a variety of perspectives, providing students with the ability to be intelligent consumers of public opinion research and effective users of public opinion research tools. Explores the interaction between the media and public opinion, as well as public opinion's effects on contemporary society and politics. Cross-listed as COM 426. (*every other fall semester)

440 Field Work Intern Program (4-16)

Involves practical experience in government or politics at the local, state or national level. Graded on a pass-fail basis. (*fall and spring semesters)

450 Independent Study (1-4)

Prerequisites: 12 hours of political science, grade point average of 3.0 or higher, and consent of area coordinator. Involves guided readings, research and criticism. May be repeated for credit if subject matter varies. (*fall and spring semesters)

451 Senior Thesis (4)

Prerequisites: senior standing, grade point average of 3.25 or higher or membership in the Honors Program, and consent of area coordinator. A substantial research and writing project. (*fall and spring semesters)

Health (HEA)

100 Health Science (2)

A study of wellness and concepts for developing healthy lifestyles. Covers lifestyle risk factors associated with chronic and communicable diseases. (*fall and spring semesters)

103 Nutrition (3)

A study of nutritional status and the effect of eating habits and food consumption on the society, family and individual. (*fall and spring semesters)

120 Introduction to Allied Health Professions (2)

This course is required of all students enrolled in the Pre-Professional Allied Health Concentration. This is an introductory course examining the various career opportunities (as recognized by the American Medical Association) within the Allied Health field. Content includes professional foci, educational requirements and career outlook, philosophical issues in the allied health disciplines, and an introduction to the basic allied health sciences. Field experiences are integrated into the course content on the observational level.

130 Medical Terminology (1)

This course introduces the student to common word roots, prefixes and suffixes used by the medical and allied health professions. Upon completion of this course, students should be able to define common medical terminology by deciphering its parts.

230 Human Anatomy and Physiology I (3)

A study of the structures and functions of the body, with special emphases on the muscular and skeletal systems. (*fall and spring semesters)

231 Human Anatomy and Physiology II (3)

A study of the structures and functions of the body, with special emphases on the nervous, cardiovascular, respiratory, and digestive systems. (*fall and spring semester)

234 Human Anatomy and Physiology I Laboratory (1)

Prerequisites: concurrent enrollment in HEA 230 or permission of the instructor. This course introduces the student to experiences related to cellular anatomy and physiology, the skeletal system and the muscular system (including dissection and physiological concepts). (*fall and spring semesters)

235 Human Anatomy and Physiology II Laboratory (1)

Prerequisites: concurrent enrollment in HEA 231 or permission of the instructor. This course introduces the student to experiences related to the structures and functions of the nervous, circulatory, respiratory and endocrine systems through laboratory experiences. (*fall and spring semester)

420 Nutritional Supplements (2)

Prerequisites: One of the following- HEA 103, HEA 230, NUR 432, CHE 232, BIO 330, BIO360, or permission of the instructor. This course addresses contemporary issues in the usage of dietary supplements and sports performance aids, including vitamin and mineral supplements, herbs and botanicals promoted to the general public and to the athlete. The focus is to use the scientific method to evaluate product and research literature and health claims, when it is known that data are often likely to be incomplete or inconclusive. The course also reviews safety data, adverse event reports, and legal issues involving dietary supplements.

480 Internship in Allied Health (0-12)

Prerequisites: HEA 120, 230, 234, 231, 235, ESC 340, Junior status, and departmental approval. This is an instructional, field-based experience in the allied health occupations for the pre-professional. Both directed and self-directed experiences under the supervision of a certified/licensed allied health care practitioner in an approved health care setting are required. Students must earn program coordinator approval, provide documentation of current immunizations, and make provisions for transportation to the clinical affiliation site. Minimum allowable number of clinical contact hours is 120. This course may be repeated for credit for a maximum of 12 semester hours.

History (HIS)

102 World History to 1500 (4) (W) (NW) (IG)

The course surveys the development of agriculture and urban settlements; the several major civilizations of the ancient world; the emergence of the great religions; the medieval periods in a number of cultures; the history of Africa and the Americas before the European onslaught; the European Renaissance and Reformation; and the impact of Western technological progress and explorations on the rest of the world.

103 World History from 1500 to the Present (4) (W) (NW) (IG)

The course surveys Western absolutism and the age of reason; the scientific, political and industrial revolutions; the development and spread of capitalism, socialism, nationalism and imperialism; the two world wars; fascism and communism; the resurgence around the world of ethnic strife and neo-nationalism; the nuclear age and the cold war; and the collapse of the Soviet empire.

110 World Civilization: Africa and the West (4) (NW) (IG)

A study of nineteenth-century Western imperialism and its impact on traditional African cultures.

202 The United States to 1877 (4)

Surveys the cultural, political, social and economic developments in this country from the discovery of America through Reconstruction. (*fall and spring semesters)

203 The United States Since 1877 (4) (W)

Surveys the urbanization and industrialization of the nation and its rise to world power. (*fall and spring semesters)

205 Indians/Native Americans of North America (4) (NW) (IG)

A study of North American Indian history and culture from pre-contact times to the present. Covers Native American contributions to civilization; wars, removals, and forced assimilation; and modern political activism. (*every year)

206 Slavery and Racism in the Early Americas: A Comparative Perspective (4) (NW) (IG)

A study of the development of slavery and relations between European Americans and African Americans in British, Spanish, and Portuguese America from the beginning of European settlement in the New World until the abolition of slavery in the mid-nineteenth century.

210 American Military History (4)

A study of the development of American military institutions, policies, experience and traditions in peace and war from colonial times to the present. Also listed as MSC 203. (*fall semester)

212 Witchcraft and Magic in the Early Modern Atlantic World (4) (IG)

A study of the development of witchcraft accusations, beginning with continental Europe in the fifteenth and sixteenth centuries and continuing with the later scares in England and New England. Particular emphasis will be given to international comparisons and to the changing social, cultural and economic positions of women. Equivalent to WST 212. (*spring semester)

214 Russia's Modern Centuries (4) (W) (NW) (IG)

This course surveys the political, economic, social, intellectual, cultural and diplomatic history of Russia in the Imperial, Soviet and post-Soviet periods.

215 Women in American History (4) (W)

A survey of women's accomplishments, lifestyles, changing image and struggle for equality and recognition from colonial times to the present. Equivalent to WST 215. (*fall semester)

216 Economic History of the United States (4) (W)

A study of American economic developments and their impact on social and political conditions. (*every other year)

217 China's Modern Centuries (4) (W) (NW) (IG)

This course surveys the one hundred fifty-year interplay between China and the outside world from before the Opium War through the late Imperial period, early Republic, Nationalist regime, Japanese invasion, Nationalist-Communist civil war, and the People's Republic, down to the present.

221 Japan's Modern Centuries (4) (W) (NW) (IG)

This course surveys Japanese history from the coming of the Western gunboats in the 1850s through the Meiji restoration, the early development of international trade and democracy, the rise of militarism in the 1930s, World War II, the American Occupation, the economic "miracle," and the troubled 2000s.

222 Fascism and Nazi Germany (4) (W) (IG)

A study of the rise and fall of the Third Reich and the legacy of Hitlerism.

224 Russia and the West (4) (W) (IG) (NW)

This course surveys, from the 10th century to the present, the various relationships—political, social, economic, intellectual, cultural, religious, and diplomatic—between Russia and an ever-changing "West," which have engendered mutual admiration, loathing and, at times, hatred.

225 The Age of the Civil War (4)

A study of mid-19th century America, with particular emphases on the political developments, changing regional economies, patterns of interracial, interethnic and interclass relationships, as well as the course of military events during the Civil War. (*every other year)

230 The Balkans: the Powder Keg of Europe (4) (W) (NW) (IG)

The course covers, from the Medieval period to the present day, the political, social, economic, intellectual and cultural history of the following southeast European states: Slovenia, Croatia, Bosnia, Macedonia, Serbia, Romania, Moldova, Bulgaria and Albania. The similarities and differences in development from Western Europe are thoroughly analyzed.

260 The Holocaust (4)(IG)(NW) (W)

This course covers the abuse and systematic extermination by the Nazis and their collaborators of millions of Jews, Gypsies, Slavs and other peoples of Europe. It deals with Germany and other parts of Europe under Nazi domination. (*every other fall semester)

296 America and Vietnam (4) (NW) (IG)

An examination and analysis of America's role in the Vietnam Conflict. Equivalent to GWA 296 (*every spring semester)

290-299 Special Studies (2-4)

Special courses are offered each year. Course descriptions published annually in a special bulletin.

300 The Middle East (4) (W) (NW) (IG)

A study of Islamic tradition and the challenge of modernization. Covers Arab nationalism, Zionism, Pan-Arabism, Imperialism and the development of OPEC from its origin to the present. Also examines Middle Eastern lifestyles, values and economic relations. (*every other year)

301 Irish History 4 (IG)

A survey of Irish political, cultural, religious and economic development, with emphasis on colonial relationships, post-colonial Ireland and the Northern Ireland "Troubles."

305 The Ancient World (4) (W) (IG)

A study of Western culture in the ancient Near East and the Greco-Roman world. (*every other year)

306 The Middle Ages (4)

A study of European society from the fall of Rome to the Renaissance. (*every other year)

307 Modern Far East (4) (W) (NW) (IG)

A study of Asiatic people, with emphasis on the Far East of today. (*every other year)

308 Renaissance and Reformation (4)

A study of the origins, progress, interrelationships and impact of new forms and ideas that characterized the Renaissance and the Reformation in Europe from 1400 to 1650.

309 England and her Celtic Neighbors (4) (W) (IG)

A survey of English political, cultural and economic development, with emphases on the Tudor-Stuart era and the British Empire. (*every other fall)

310 England's Emergence as a World Power since 1780 (IG) (W)

The creation of the world's first industrialized economy and modern urban society in the wake of the industrial revolution, 1780-1830. Additional foci will be Britain's 19th- and 20th-century empire and declining world leadership role in the 20th century. (*every other spring)

312 Modern Europe (4) (W)

A study of European nationalism, industrialization and other developments since the mid-19th century. (*every other year)

313 Latin America (4) (NW) (IG)

A study of Latin American history from the colonial period to the present. (*fall semester)

321 Revolutionary America (4) (W)

A study of the history of the United States before, during and after the Revolutionary War. Focuses on the role of ideology and the patterns of change in religion, racial relations and the status of women. (*every other year)

325 Narcotic Drugs and Modern Society (4) (IG)

This course explores the history of narcotic drugs and modern society, focusing on America. The course also examines the history of U.S. drug policy. (*fall semester)

350 The Newly Independent States of the Former Soviet Union (4) (W) (NW) (IG)

This course covers the history and present status of 14 states which, in addition to the Russian Federation, emerged from the collapse of the USSR in 1991. The following will be studied: Estonia, Latvia, Lithuania, Belarus, Ukraine, Moldova, Armenia, Azerbaijan, Georgia, Kazakstan, Kyrgyzstan, Turkmenistan, Tajikistan and Uzbekistan.

401 Field Work (3-4)

Involves practical work in museums, historical preservation and historical archives. Requires permission of area coordinator. Graded on a pass-fail basis.

406 The History of U.S. Foreign Policy (4) (W)

Studies the formulation of American foreign policy and issues in American diplomatic history. (*every other year)

413 The Era of World War I (4) (IG)

The course traces the diplomatic and economic events leading to the outbreak of war in 1914 and follows the progress of the war, revolution and peace. (*every summer I semester)

414 The Era of World War II (4) (IG)

The course traces the political, economic, social and diplomatic events leading to the outbreak of hostilities and the military and diplomatic aspects of the war itself. It concludes with the Nuremberg Trials. (*every other year)

450 Independent Study (2-4)

Prerequisites: grade point average of 3.0 or higher, 12 hours of history, and permission of the area coordinator. Involves guided readings, research and criticism. May be repeated for credit if subject matter varies. (*fall and spring semesters)

451 Senior Thesis (4)

Prerequisites: senior standing, grade point average of 3.0 or higher, membership in the Honors Program, and permission of area coordinator. A substantial research and writing project. (*fall and spring semesters)

Information and Technology Management (ITM)**200 Introduction to Computers (1)**

A self-paced introduction to computer concepts and applications. The course is delivered via computer-based modules on concepts, word processing, spreadsheets, presentation software and the Internet. Requires no previous experience with computers. Students who prefer a more thorough introduction to computers should take ITM 205. This course must be taken in the first year. (*fall and spring semesters)

205 Microcomputer Applications for Non-CIS Majors (3)

May be substituted for ITM 200. Introduces the fundamental principles of business-application packages for microcomputers. Emphasizes WINDOWS, word processing, spreadsheets and databases. For non-CIS majors and minors only. (*as needed)

210 Managerial Statistics I (3)

Prerequisites: MAT 160 and ITM 200. An introductory course in business statistics. Topics include sampling techniques, descriptive statistics, probability, random variables and probability distributions, normal distribution, sampling distributions, interval estimation, one-sample tests and simple linear regression. A statistical software package is used to illustrate all methods and techniques. (*fall and spring semesters)

250 Programming Fundamentals Using OOP (3)

Prerequisite: ITM 200. This course is an introduction to Object-Oriented Programming using C++. The course enables students to develop applications using object-oriented techniques in a Windows environment. Students use Borland Builder to compile, link, run and debug C++ programs. Students use file I/O, inheritance, function and operator loading, virtual functions, abstraction, encapsulation and polymorphism. (*fall and spring semesters)

251 Visual Basic (3)

Prerequisite: ITM 200. Studies the fundamental concepts of designing and writing computer programs to solve problems. Emphasizes structured programming and object-oriented methods. (*fall and spring semesters)

280 Data Communication Systems (3)

Prerequisite: ITM 200. Introduces the fundamental concepts of data communication. Topics include communication media, protocols, networks, system software, security and communication management. Structured around the open-systems interconnect model. (*fall and spring semesters)

318 Systems Analysis and Design I (3) (W)

Prerequisite: ITM 200. The theory and practice of Object Oriented Systems Analysis are implemented in teamoriented projects that analyze a new, web-based project incorporating a database. Project deliverables include feasibility studies, project management reports, group meeting agendas and minutes, existing systems analysis, new system analysis, system test plan and system/user requirements. Oral and written skills are exercised in multiple presentation and report requirements. (*fall and spring semesters)

320 Information Technology (3)

Prerequisite: ITM 200 and lower-level business core. A study of computer-based tools, methods and resources that are fundamental in assisting businesses gain a competitive advantage. The course focus is not only learning about information technologies and concepts, but also applying these concepts to facilitate business processes, stressing the integration between information technology and other business functional areas. (*fall and spring semesters)

330 Operating Systems and C (3)

Prerequisite: ITM 251. An overview of NT and UNIX operating systems from a managerial viewpoint. In addition, C programming is introduced as a basis for ITM 360, Object-Oriented Programming. (*fall semester)

335 Software Applications for Microcomputers (3)

Prerequisite: ITM 251. Surveys computer applications, information needs in business, microcomputers and the information systems that meet these needs. Emphasizes microcomputer hardware and software applications from the perspective of the computer center manager. Designed for CIS majors and minors only. (*fall and spring semesters)

360 Object-Oriented Programming (3)

Prerequisite: ITM 251. Introduction to object-oriented programming through the use of C++. This course enables students to develop applications using object-oriented techniques. (*spring semester)

361 Operations Management (3)

Prerequisites: ITM 210 and MGT 330. Examines the short- and long-term decisions that are made in service systems relating to the operations function. Emphases are placed upon maximizing productivity and competitiveness, improving service quality, and understanding global competition. (*fall and spring semesters)

380 Managerial Statistics II (3)

Prerequisite: ITM 210. Continued study of business statistics. Emphasis is on computer applications in descriptive and predictive statistics. Focuses on the application of existing computer packages for the solution of statistical problems. (*as needed)

408 Database Design and Administration (3)

Prerequisites: ITM 251, 318 and 335. This course examines fundamental concepts of database systems including data modeling, logical and physical database design and SQL. We cover topics related to the administration of database resources and databases in the internet environment. This course requires completion of an application prototype on a currently popular DBMS. (*fall and spring semesters)

410 Network Management (3)

Prerequisite: ITM 280. A study of local area network design, installation and management. Emphases are on networking fundamentals, network hardware and software, system installation and configuration, and managing network resources. The course prepares students for certification in the field of network management. (*fall semester)

415 Decision Support Systems (3)

Prerequisite: senior standing. Not open to MBA students. Explores the principles and application of decision support systems with a focus on those currently used in business. The topics of expert systems, intelligent agents, artificial intelligence and data warehousing and mining are covered. Additional DSS will be added to the course as they are implemented in business. (*as needed)

416 Electronic Commerce (3)

Prerequisites: Senior standing and MKT 300 or 601. Explores the concepts and issues that underlie electronic commerce. (*fall semester)

419 Systems Analysis and Design II (3) (W)

Prerequisite: 408. This is a continuation of the team-oriented project started in ITM 318. The project is designed, implemented and put into operation during the semester. This requires project management, group meeting agendas and minutes, project presentations and documentation of deliverables, development of a database and implementation of a website using Hyper Text Markup Language (HTML) and Active Server Pages (ASP). (*fall and spring semesters)

460 Quantitative Analysis for Business Decisions (3)

Prerequisites: ITM 210, and MAT 160 or 201. Not open to graduate students. A study of the fundamentals of management science. Topics include the scientific method in conceptualizing, structuring, modeling and resolving problems in business operations. Also covers decisions under uncertainty, forecasting, linear programming, PERT and simulation. (*as needed)

490 Computer Information Systems Internship (2-6)

Prerequisites: junior or senior standing with at least an overall 2.75 GPA, or at least an overall 2.5 GPA with minimum 3.0 in COB courses. Special assignment in local industry. May not be used to satisfy major requirements. Approval of the associate dean required. (*fall and spring semesters)

495 Topics in Computer Information Systems (1-3)

Prerequisite: consent of department chair. A readings or independent study course taken under faculty guidance for variable credit.

600 Topics in Information and Technology Management (1-6)

For graduate students only. Prerequisite: written permission of the department chair. Contemporary topics in information systems and technology management.

601 Statistics for Decision-Makers (3)

For graduate students only. Prerequisite: ITM 603 or equivalent. This is an introductory course in statistical analysis as it applies to managerial decision-making. Topics include sampling techniques, descriptive statistics, probability, random variables and probability distributions, sampling distributions, interval estimation, one-sample tests, analysis of variance, simple linear regression and statistical process control. A statistical software package is used to illustrate all methods and techniques.

603 Developing Software Competencies (1)

For graduate students only. This course is an introduction to computer concepts and applications. It is delivered through lectures and computer-based, self-paced modules on word processing, spreadsheets, presentation software and database management. Prerequisite for starting MS-TIM program (test out or take until pass).

605 Analytic Skills (1.5)

For graduate students only. Prerequisites: an undergraduate business degree awarded within the last seven years from an AACSB accredited institution. This course is a computer-based, self-paced review of analytical concepts needed for business. Many concepts covered in statistics, economics, accounting, and finance are reviewed. The course objective is to ensure a minimum level of competence in these concepts before students enter the integrated core.

607 Managing Value Through Information Systems and Technology (1.5)

For graduate students only. Prerequisites: Foundation course sequence or ITM 605; and ITM 603. This course covers the role that information systems and information technology play in providing organizations with value and strategic advantage by enabling effective and efficient planning, problem solving, and decision making. Emphasis is one strategic use of information technology in the global organization.

611 Building Business Models (1.5)

For graduate students only. Prerequisites: Foundation course sequence or ITM 605; and ITM 603. This course covers mathematical techniques and software tools necessary for effective business analysis and forecasting. We use spreadsheet tools to build, analyze and solve models to enable effective decision-making by managers, business analysts and consultants. We emphasize linear programming and time-series forecasting models.

613 Supply Chain Management (1.5)

For graduate students only. Prerequisites: ITM 611 and MKT 607. This course examines the operations function and its impact on an organization's strategic planning. Specific em-

phasis is placed on managing the supply chain, from evaluating and choosing suppliers and contractors to developing reliable delivery and distribution systems.

614 Effective Project Management (1.5)

For graduate students only. Prerequisites for MBA students: ITM 607 and MGT 605. Prerequisites for MS-TIM students: Foundation course sequence and ITM 603. This course covers six project management knowledge areas: project integration, scope, time, cost, human resources, and communications management; and five process groups: initiating, planning, executing, controlling and closing. Microsoft Project is used to illustrate all concepts. ITM 614 may be waived for any student with Project Management Institute Certification. In this case, an MBA Core Course must be substituted as an elective.

615 Decision Support Systems (3)

For graduate students only. Prerequisite: ITM 607 and ITM 611. Explores the principles and application of decision support systems currently used in business. Executive information systems, expert systems, intelligent agents, artificial intelligence, and data warehousing and mining are covered. Additional DSS will be added to the course as they are implemented in business.

620 Information System Analysis and Design (3)

For graduate students only. Prerequisite: ITM 607 and ITM 614. Explores object oriented analysis and design of information systems. Specifically, this includes strategic planning of information services to support the overall corporate strategic plan, investigation of existing systems in the industry, development of new systems, and project management and control techniques. A team-oriented systems analysis project of an internet-based business system is required. (*fall semester only)

625 Database Design, Development, and Administration (3)

For graduate students only. Not open to students with an undergraduate MIS degree. Prerequisite: ITM 607. Covers the fundamental concepts of modern database systems including data models, logical and physical database design, and the administration of database resources. Hands-on exercises include the development of a relational database application and data modeling. The view of data as a strategic corporate resource is emphasized.

630 Managing Information Technology and Resources (3)

For graduate students only. Prerequisites: ITM 607. Reviews existing and emerging computer hardware, software and communications technologies. This includes information systems strategy, principles and methods of conducting needs assessments, acquiring technology and maintaining systems. Emphasis is on real-life applications and requires the completion of a team-generated new business information system proposal.

640 Data Communications and Network Management (3)

For graduate students only. Prerequisites: Foundation course sequence or ITM 605; and ITM 603. A study of local area network installation and management. Emphases are on networking software, system installation, configuration, and management of network resources. The course prepares students for certification in the field of network server management.

650 International Operations Management (3)

For graduate students only. Prerequisite: ITM 611. This course examines operations strategy and its impact upon the global competitiveness of an organization. Emphasis is on the similarities and differences between operations systems in the traditional industrial powers and the emerging industrial economies. The course consists of classroom sessions and a one-week international experience. Students taking this course are required to participate in the one-week study abroad experience during Spring Break.

International Business (IBS)

397 Global Organizational Behavior (3) (IG)

Prerequisite: MGT 330. Examines the influence of individual differences and ethnic and national culture on behaviors in organizations. Addresses the questions of when and how to be sensitive to these issues, and develops skills required to effectively manage in the diverse environment of the 21st century. Within this context, the course focuses on six essential skill-building areas: managing diversity, team building, communicating, motivating, negotiating and conflict management, and creativity and critical thinking. (*fall and spring semesters)

398 Survey of International Business (3) (W) (IG)

Prerequisites: MGT 330, MAT 160 and ECO 205. Focuses on the functional and environmental differences between domestic and international business. Analyzes the cultural, economic, legal and political factors influencing international operations. Examines the unique problems faced by a multinational corporation (MNC) developing organization, finance, marketing, labor, production and ethics policies. (*fall and spring semesters)

399 The Art and Science of Negotiation (3)

Prerequisite: MGT 330. This course focuses on the development of problem-solving and communications skills relevant to a broad spectrum of negotiation settings. Students learn the basic competencies needed to be effective negotiators in a global business environment. The course provides students with useful analytical frameworks of conflict resolution, communication and negotiation. Through the use of simulations, role plays and case studies, students have the opportunity to practice an array of negotiation techniques and to develop their communication and problem-solving skills. (*fall semester)

402 International Accounting (3) (IG)

Prerequisites: ACC 202 and 203. A variety of international issues, including comparing/contrasting accounting practices between the U.S. and other nations, progress in international harmonization, accounting standard setting, multinational consolidation of financial statements, impacts of dealing in foreign currencies, international auditing standards, and foreign taxation. (*spring semester)

403 International Economics and Finance (3) (IG)

Prerequisites: ECO 204 and 205. An analysis of international economic and financial developments. Emphasis is on current issues in the operation of the international financial system. (*spring semester)

404 Economic Development (3) (NW) (IG)

Prerequisites: ECO 204 and 205. An analysis of the economic, social, and institutional mechanisms needed to bring about improvement in the standard of living of people in third world countries. Emphasis is placed upon developmental policies of Latin American countries. (*every other spring semester)

405 International Financial Management (3) (IG)

Prerequisite: FIN 310. The course examines the role of the multinational firm as a catalyst and facilitator of international business. Examines and explores the management of international financial risk, foreign exchange, corporate financing from a global perspective, direct foreign investment decisions, and the management of ongoing operations. Not open to graduate students. (*fall semester)

406 International Marketing (3) (W) (IG)

Prerequisite: MKT 300. Not open to graduate students. Prepares students for the global marketing environment by examining marketing in other countries, the marketing implications of cultural and environmental differences, international marketing research, and adaptation of product, price, promotion and distribution decisions to the foreign environment. (*spring semester)

410 Contemporary Latin American Business Issues (3)

For graduate and undergraduate students. Examines select economic, political and cultural aspects of the Latin American environment. Topics include economic development, economic history, export-led growth, the North American Free Trade Agreement, U.S.-Latin American relations, contemporary issues facing Latin America, geography, ethnic and regional differences, culture and literature, attitudes toward work, time, power and decision-making, and strategies for doing business in Latin America. (*every other spring)

411 Contemporary European Business Issues (3)

Examines select economic, political and cultural aspects of the Western European environment. Topics include economic and political models, comparisons among Western European countries, European Economic Community, economic history, U.S. relations with selected countries, geography, ethnic and regional differences, culture and literature, and strategies for doing business in Western Europe. (*every other spring)

490 International Business Internship (3-6)

Prerequisites: junior or senior standing with at least a 2.75 overall GPA or at least a 2.5 overall GPA and a 3.0 in COB courses, and completion of at least 45 hours of COB core and major requirements. May be used to satisfy the cross-cultural experience requirement of the IB major. Approval of the associate dean required. (*fall and spring semesters)

491 Special Projects in International Business (3)

Prerequisites: completion of at least 45 hours of COB core and major requirements, and approval of the associate dean. A supervised project in conjunction with a Tampa-based international organization or association. Graded on a pass-fail basis. May be used to satisfy the cross-cultural experience requirement of the IB major.

492 Seminar in International Business (3) (IG)

Prerequisite: ECO 205. Examines select economic, political and cultural aspects of specific countries through readings, lectures, research and travel abroad. Country selection varies with instructor. Travel abroad includes visits to foreign stock exchanges, universities, corporations and international organizations. The trip is required for course credit, and the cost of the trip is not included in tuition. May require class meetings during the last seven weeks of the spring semester. (*in summer only, at the discretion of the coordinator of International Business and the International Programs office)

495 Topics in International Business (1-3)

Prerequisite: consent of the associate dean. A readings or independent study course taken under faculty guidance for variable credit.

601 International Finance(3)

For graduate students only. Prerequisite: FIN 610. Integrates the theoretical content of domestic corporate finance with the varying and complex set of international constraints. Emphasizes the special risks and problems encountered exclusively by multinational financial managers.

602 International Management(3)

For graduate students only. Prerequisites: MGT 602 and 610. Examines the challenges associated with managing business enterprises whose operations stretch across national boundaries. Through extensive readings and case analyses, students will be able to obtain a fundamental understanding of the strategic, operational and behavioral aspects of managing across cultures.

603 International Marketing (3)

For graduate students only. Prerequisite: MKT 607. Investigates the development and implementation of marketing techniques and programs on an international scale. Evaluates cultural differences, marketing strategies and decision-making processes that are part of international marketing.

International Studies (IST)

205 Contemporary Europe (4) (IG)

This course analyzes the cultural, economic and political spheres of Europe in the wake of the European Union, the demise of the Cold War and broad globalization trends. (*every other year)

206 Contemporary Latin America (4) (IG) (NW) (IG)

This course analyzes the cultural, economic, social and political dimensions of Latin America. Primary focus is on the ways several broad issues have shaped contemporary Latin America. (*every other spring)

270 Introduction to International Studies Research Methods (2) (IG)

Introduction to essential skills and critical issues in international studies research. (*spring semester)

290-299 Special Studies (2-4)

Special courses are offered each year, including travel abroad experience. Check descriptions published annually.

470 Senior Research Seminar in International Studies (2) (IG)

Provides the advanced international studies major an opportunity to engage in a piece of original research under the supervision of international studies faculty. (*spring semester)

Italian (ITA)

Students who have had one or more years of Italian in high school are encouraged to register at the highest level compatible with their knowledge of the language, including 300-level courses. Credit cannot be earned in 100- and 200-level Italian courses that are prerequisites for courses already successfully completed.

101, 102 Elementary Italian I, II (4, 4) (IG)

Not open to native speakers of Italian. ITA 101 (or equivalent skills) is a prerequisite for Italian 102. Beginning Italian with an emphasis on Italian culture, as well as understanding and speaking Italian in practical situations. Includes practice in reading and writing. Students who have successfully completed two or more years of Italian in secondary school within the previous eight years may not enroll in Italian 101 for credit, except by written permission of the instructor. (*ITA 101 fall and spring semesters; ITA 102 spring semester, occasionally in other semesters)

201, 202 Intermediate Italian I, II (4,4) (IG)

Not open to native speakers of Italian. Prerequisite: ITA 102 or two or more years of high school Italian, or equivalent skills. Develops a greater understanding of Italian culture and everyday Italian, as well as speaking, reading and writing skills. (*occasionally)

251-259 Topics in Italian (1-4) (IG)

Prerequisite: consent of instructor. Content varies. May be repeated for credit.

351-359 Topics in Italian (1-4) (IG)

Prerequisite: consent of instructor. Content varies. May be repeated for credit.

Language (LAN)

100 Language and Culture (2)

Not open to native speakers of the language being studied. An introduction to the language and culture of the different ethnic groups in the United States. Content and emphasis vary. SPA 100 (or equivalent skills) is a prerequisite for Spanish courses that include a language instruction component. Graded on a pass-fail basis only. Equivalent to CST 100. May be repeated when content varies. (*occasionally)

105 Language For Travel (2)

Designed to give students the ability to communicate on a basic level in a given language. Materials facilitate the practice of speaking and listening skills, emphasizing the situations one would encounter while traveling. Includes information about cross-cultural communication. Not open to students with previous experience with the language being offered.

110, 111 Basic American Sign Language I, II (4)

Beginning American sign language with emphases on structure, basic vocabulary and an introduction to manual communication systems. Includes the psychology, socioeconomics and philosophies of education of the deaf in the United States, as well as an explanation of the field of interpreting and historical notes on sign languages worldwide. LAN 111 is a continuation of the skills learned in LAN 110 as used in the deaf community. Does not fulfill general curriculum distribution requirements. (*LAN 110 fall semester; LAN 111 spring semester, occasionally in other semesters)

200 Studies in Language (1-4)

Directed, independent study of a subject chosen from a language, such as Latin or another Romance language or dialect. Materials covered must be different from those in current courses. May be repeated for additional credit if content varies.

460 Internship in Language (2-4)

Prerequisite: junior or senior standing with an overall GPA of 2.0 or higher. Provides practical experience through field-placement in work areas where foreign language skills are applied. May not be counted for credit in a major.

Linguistics (LIN)

210 Basic Linguistics (4)

An introduction to the study and description of language according to the principles of modern linguistics. No prerequisites. Cross-listed as ENG 210. (*every other spring semester)

310 Applied Linguistics (4)

This is a four-hour course that deals with principles of linguistics, methodologies employed by linguists working in linguistic variation in diverse contexts significant across social/ethnic/cultural strata and domains of interaction, and application in the professional setting. Includes, language acquisition, learning and teaching, and the psychology of language.

Management (MGT)

321 Law and Society (3)

Management's duty to responsibly address business ethics, contracts, torts, product liability, the environment and criminal misconduct in accordance with stockholder interests and society's constraints within an international business community. (*fall semester)

330 Principles of Management (3)

Prerequisites: ENG 101 and 102, ITM 200, and junior standing. A study of the evolution and practice of the core management functions of planning, organizing, leading and controlling. A strong emphasis on leadership skills is integrated into the course content to provide the student a framework to translate classroom theory and practice into individual and team performance in the accomplishment of organizational objectives.

Leadership skill activities, case studies, student team projects and a behavioral simulation provide the student a practice field for the coursework, giving the student a hands-on approach in acquiring the skills necessary to manage organizations in today's competitive environment.

Due to the nature of these learning experiences, some activities will be scheduled on weekends. (*fall and spring semesters)

335 Societal Issues in Business (3)

Prerequisite: MGT 330. Studies the interfaces between business organizations and the various elements of society. Examines the complex interrelationships between government and business and the obligations of a business entity to its multiple stakeholders: owners, employees, consumers and society. (*fall and spring semesters)

340 Human Resource Management (3)

Prerequisite: MGT 330. An analysis of the acquisition, development and maintenance of human resources to accomplish the organization's objectives efficiently and economically. Studies the role of management and unions in society. (*fall and spring semesters)

421 Business Law for Management (3)

Prerequisite: MGT 321. A study of the uniform commercial code, including sales, commercial paper and secured transactions. Also covers professional liability and government regulation. (*spring semester)

431 Practical Strategic Assessment (3) (W)

Prerequisites: senior standing, FIN 310, ITM 361 and MKT 300. Not open to graduate students. This is the integrative experience required for the undergraduate business program. The course focuses on the application of strategic management skills and the knowledge gained from prior coursework. A strategic assessment of an organization in the Tampa Bay area forms the core of the course. Students will have the opportunity for close interaction with key managers as they analyze an organization's situation, recognize relevant issues, and make strategic recommendations. This group project will highlight students' skills in critical thinking, speaking, writing, teamwork and the ability to apply theory to real-world situations. (*fall and spring semesters)

489 Entrepreneurship and Small Business Management (3)

Prerequisites: FIN 310, MGT 330 and MKT 300. Entrepreneurship and Small Business Management has been created to provide future entrepreneurs and small business managers with the tools they need to master the most important concepts related to starting and managing a new business venture. Opportunities and threats of starting, acquiring, and managing a new small business will be explored. Topics include the economics, legal, social, financial, global, marketing, and technological aspects of starting and operating a new business venture. A business plan will be created as the primary project in the course. (*fall and spring semesters)

490 Management Internship (3-6)

Prerequisites: junior or senior standing with at least a 2.75 overall GPA or at least a 2.5 overall GPA and a 3.0 in COB courses, completion of lower COB core, and 21 hours from upper COB core or other management courses. May not be used to satisfy major requirements. Approval of the associate dean required. (*fall and spring semesters)

495 Topics in Business (1-4)

Prerequisite: written permission of the department chair. A readings or independent studies course taken for variable credit. May not be used to satisfy major requirements.

510 Professional Writing and Research Techniques (3)

For graduate students only. A writing course designed to help students prepare for MBA graduate study. Includes instruction on design, research, writing, revising, and editing of specific forms of written communication for business and business courses. Equivalent to WRI 510.

520 Essentials for Business and Technical Communications (1.5)

For MS-TIM graduate students only. This course helps prepare students for MS-TIM graduate study. Includes instruction on common writing challenges faced in technical writing, including letters, memoranda, proposals, reports, end-user documentation and Web site communications.

599 Fast Start Workshop (1)

The Fast Start Workshop provides students with the perspective and the essential learning skills for maximizing their MBA experience. By clarifying faculty's expectations of both the program content and students' performance, students realize that they are partners with the faculty in determining successful completion of their MBA program. As effective team participation is an integral part of many of our MBA classes, a simulation is utilized to demonstrate team dynamics and to identify individual team member development needs. Strategies for accomplishing identified team development goals are explored.

600 Contemporary Topics in Management (1-6)

For graduate students only. Prerequisite: written permission of the department chair.

602 Leading for Performance (3)

For graduate students only. Prerequisite: MGT 599. This course examines leadership as "the ability to influence others in the absence of positional power." Through an interactive process of experiential learning, students develop an understanding of what leadership is, as well as insight into their individual personal styles and/or preferences in the area of group dynamics, team building, problem-solving, and conflict resolution. This course explores a variety of concepts ranging from the interrelationship of trust and power to the situational and contextual aspects of leadership and influencing. Emphasis will be placed upon work-life integration through the creation of a personal commitment plan for holistic personal, professional and academic growth both within as well as outside of the MBA program.

610 Leading Strategic Change-Designing and Redesigning the Enterprise (1.5)

For graduate students only. Prerequisite: MGT 602. This course offers a top management perspective of corporate strategic change issues and innovative job design principles needed to support organization strategy. Key course objectives include defining the strategic management process, analyzing growth patterns and organizational configurations of global organizations, exploring core concepts, issues, and models associated with value networks and strategic change management, identifying key business processes, aligning organization processes and job goals with strategy, and exploring ways to improve business processes and innovation.

615 Applied Strategic Analysis (3)

For graduate students only. Prerequisites: The integrated core must be taken by the end of the term in which MGT 615 is taken. ECO 620, ITM 613, and ITM 614 may be taken as co-requisites.. Examines strategy and policy from the executive point of view. Studies the objectives, environmental forces, institutional resources and social values involved in the determination and implementation of strategy and policy. Faculty-guided projects involve students in a variety of community organizations and businesses. It is the capstone course in the MBA curriculum integrating all areas of study in the MBA program.

618 Organization Design, Development and Change (1.5)

For graduate students only. Prerequisites: MGT 599, MGT 602. Reviews contemporary literature, starting with an examination of various models and intervention methods. Considers organizational design, development, change and potential future developments. Emphasis is on dynamics of change from individual through organizational levels.

620 Managing Quality (3)

For graduate students only. Prerequisite: MGT 610. Building upon the relationships between strategy and business processes introduced in MGT 610, this course provides the methodology required to manage both core and support business process' quality throughout service and manufacturing organizations. Quality is introduced in the context of its relationship to customers' perceived value of the goods and services received relative to competitive offerings. Students are provided with the knowledge needed to manage for quality with respect to maximizing (internal and external) customers' value perceptions while minimizing the cost of poor process quality to the organization.

624 Business Ethics and Social Responsibility (3)

For graduate students only. This course provides an understanding of the rapidly evolving concepts, practices, and leadership techniques that facilitate the development of ethics programs, legal compliance and corporate social responsibility initiatives within a firm. This course draws on case analysis and is offered through an interactive and dynamic format involving leading ethics and compliance officers in the community.

626 Human Resource Strategy for Effective Utilization of People (3)

For graduate students only. Prerequisites: MGT 610. This course is organized around the concept of an integrated Human Resource Management (HRM) system, comprised of multiple managerial activities, designed to influence a set of critical employee behaviors. Students will critically evaluate support subsystems from a cost-benefit and legal perspective and learn to align HRM solutions with business strategy and the realities of labor markets.

630 Capstone Leadership Seminar – Aligning Human Capital with Strategy (1.5)

For graduate students only. Prerequisite: MGT 610. This interactive seminar course focuses on the role of the leader in creating systems and processes that align people in the organization with the vision, mission, and goals of the organization. Students develop a realistic-applied understanding of leadership, decision models, and process design. Students gain insights into using these tools to analyze and solve complex business problems. Emphasis is on leadership, implementation and evaluation.

689 Creating and Leading New Ventures (3)

For graduate students only. Prerequisites: MGT 610, FIN 610. This course helps students develop the managerial and thinking skills that underlie successful entrepreneurship. The major project for the semester is the creation of a business plan and subsequent entry of the plan to a regional business plan competition. Students write the plans in teams and include sufficient detail that local venture capitalists would be able to evaluate the plans for their feasibility, competitive insulation, value creation, and commercial viability.

Marine Science (MAR)

100 Open Water (2)

Prerequisites: All students must show swimming proficiency by swimming 200 meters and treading water. All students must complete a medical release form. Any student under medical care or on prescription medication must see the instructor before registering for this course.

Course description: This is a PADI Open Water SCUBA course that teaches safe diving procedures and the use of diving equipment. The course involves lectures, pool sessions, and two weekend days for the certification dives. Use of the equipment is provided, except for snorkeling equipment. Transportation is not provided for the student or the diving equipment for the weekend dives. This course does not satisfy general curriculum distribution requirements and does not count toward a major in marine science. Laboratory fee: \$60.

102 Advanced Open Water (1)

Prerequisite: PADI Open Water certification (MAR 100) or valid SCUBA certification from a recognized international organization (YMCA, SSI, NASDS, etc.). All students must complete a medical release form. Any student under medical care or on prescription medication must see the instructor before registering for this course.

Course description: This is a PADI Advanced SCUBA course covering topics on underwater navigation, deep diving (60-100 feet), night diving, boat diving and drift diving. The course involves lectures, pool sessions, and three weekend days for the certification dives. Use of the equipment is provided, except for snorkeling equipment. Transportation is not provided for the student or the diving equipment for the weekend dives. This course does not satisfy general curriculum distribution requirements and does not count toward a major in marine science. Laboratory fee: \$190.

1021 Specialty Diver, part 1 (1)

Prerequisite: PADI Open Water certification (MAR 100) or valid SCUBA certification from a recognized international organization (YMCA, SSI, NASDS, etc.). All students must complete a medical release form. Any student under medical care or on prescription medication must see the instructor before registering for this course.

Course description: This PADI specialty diving course familiarizes divers with the skill, knowledge, planning, organization, procedures, techniques, problems and hazards of various special interest areas in diving. During this course, students complete three specific PADI specialty diver certifications: Enriched Air Nitrox, Peak Buoyancy, and Equipment Specialist. The course involves lectures, pool sessions, and one weekend day for the certification dives. Use of the equipment is provided, except for snorkeling equipment. Transportation is not provided for the student or the diving equipment for the weekend dives. This course does not satisfy general curriculum distribution requirements and does not count toward a major in marine science. This course is only offered during the first seven weeks of the spring semester. Note: Specialty Diver, part 2, may be taken before Specialty Diver, part 1. Laboratory fee: \$150.

1022 Specialty Diver, part 2 (1)

Prerequisite: PADI Open Water certification (MAR 100) or valid SCUBA certification from a recognized international organization (YMCA, SSI, NASDS, etc.). All students must complete a medical release form. Any student under medical care or on prescription medication must see the instructor before registering for this course.

Course description: This PADI specialty diving course familiarizes divers with the skill, knowledge, planning, organization, procedures, techniques, problems and hazards of various special interest areas in diving. During this course, the student completes two specific PADI specialty diver certifications: Boat Diver and Drift Diver Specialist. The course involves lectures, pool sessions, and a two-day weekend dive trip for the certification dives. Use of the equipment is provided, except for snorkeling equipment. Transportation is not provided for the student or the diving equipment for the weekend dives. This course does not satisfy general curriculum distribution requirements and does not count toward a major in marine science. This course is only offered during the second seven weeks of the spring semester. Note: Specialty Diver, part 2, may be taken before Specialty Diver, part 1. Laboratory fee: \$190.

103 Rescue Diver (1)

Prerequisite: PADI Advanced Open Water certification (MAR 102) or equivalent valid certification from a recognized international organization (YMCA, SSI, NASDS, etc.). All students must complete a medical release form. Any student under medical care or on prescription medication must see the instructor before registering for this course. In addition, the student must be current in First Aid and CPR by completion of this course in order to receive a certification card.

Course description: Course topics cover SCUBA-related rescue techniques and emergency procedures. The course involves lectures, pool sessions, and a two-day weekend dive trip for the certification dives. Use of the equipment is provided, except for snorkeling equipment. Transportation is not provided for the student or the diving equipment for the weekend dives. This course does not satisfy general curriculum distribution requirements and does not count toward a major in marine science. This course is only offered during the second seven weeks of the fall semester. Laboratory fee: \$125.

104 PADI Divemaster (2)

Prerequisite: PADI Rescue Diver certification (MAR 103). Each student must have a signed log book showing proof of at least 20 open water dives at the start of the course. PADI requires 60 logged dives and the student must be current in First Aid and CPR by completion of this course in order to apply for a PADI certification card. All students must

complete a medical release form. Any student under medical care or on prescription medication must see the instructor before registering for this course.

Course description: This is a PADI Divemaster course. Students learn how to organize and plan safe and successful dives for dive groups, supervise students in training, and perform diver rescues including First Aid and CPR. A PADI Divemaster certification may be applied for through PADI Headquarters after successful completion of the course requirements. The course involves lectures, pool sessions, and a minimum of two weekends of diving. Some SCUBA equipment is provided for use. However, it is highly recommended that students have all of their own diving equipment, with the exception of air tanks. Transportation is not provided for the student or the diving equipment for the weekend dives. This course does not satisfy general curriculum distribution requirements and does not count toward a major in marine science. This course is only offered during the spring semester. Laboratory fee: \$125.

126 Marine Biology (3)

Designed for non-science majors. A survey of marine biology including a discussion of the basic marine environments, natural history of marine animals, special adaptations of marine mammals, elementary marine chemistry, marine plants and their economic importance, and the impact of pollution on marine ecosystems. Satisfies general curriculum distribution requirements, but is not applicable toward a marine science or biology major or minor. Lecture only. (*fall and spring semesters)

150 Physical Geology (Laboratory Included) (4)

A broad survey of the geological processes at work on and within the earth. Topics include the origin and composition of rocks, as well as the origin, location and characteristics of volcanoes, earthquakes and mountain belts, within the framework of plate tectonics. Also covers the modification of the earth's surface by wind, rivers, glaciers, ground water, waves and currents, and the evolution of continents and ocean basins. Lecture and laboratory. (*fall semester)

222 Marine Ecology (4) (W)

Prerequisites: BIO 203, BIO 204, or special permission. Studies the interactions between marine organisms and their biotic and abiotic ocean environment. This course looks at the distribution, abundance and diversity of organisms in the sea, the causes of these patterns, and the roles of these species in marine ecosystems. The role that humans play in this vast ecosystem is considered, ending with a discussion of marine management strategies and ways that humans are both successfully and unsuccessfully interacting with the marine environment. The course and its companion laboratory addresses marine systems from an experimental perspective with an emphasis on experimental design, statistical data analysis and quantitative skills. There are frequent writing assignments and discussion of selected scientific papers. There also are two mandatory weekend field trips during the semester. (*spring semester)

226 Marine Zoology (laboratory included) (4)

Prerequisites: BIO 203 and 204. A study of the taxonomy, ecology and behavior of marine invertebrates. Examines local fauna and habitats through field-oriented studies. Requires some Saturday field trips. (*fall semester)

301 Physical Oceanography (4)

Prerequisite or concurrent: PHY 201. A study of the physical properties of seawater, global heat balance, hydrodynamics, ocean currents, waves, tides and underwater sound and optics. Lecture only. (*spring semester)

327 Marine Botany (laboratory included) (4) (W)

Prerequisites: BIO 203, 204 and 212, or MAR 322. Studies the ecology, physiology and communities of marine primary producers with an emphasis on Tampa Bay and the Gulf of

Mexico. Topics explored are phytoplankton, benthic macroalgae, mangroves and saltmarsh communities. Laboratories consist of designing and conducting manipulative experiments, field-oriented studies, and identification of the local flora. Laboratory research culminates in the formal presentation of an original research project at the end of the semester. Two weekend field trips are required. (*fall semester)

Marketing (MKT)

300 Principles of Marketing (3)

Prerequisites: junior standing, ECO 204 and ENG 101. Studies the interacting business activities designed to plan, price, promote and distribute want-satisfying products and services to present and potential customers. Incorporates current developments in marketing to acquaint students with the present-day challenges of marketing activities. (*fall and spring semesters)

352 Product Management and Services Marketing (3) (W)

Prerequisite: MKT 300. Examines the major product and service development and management decisions faced by companies, along with a variety of decision-making tools and techniques. (*spring semester)

354 Buyer Behavior (3)

Prerequisite: MKT 300. A study of the behavioral science concepts applicable to the consumer decision-making process such as personality, perception, and group and cultural influences. Emphasis is on how these concepts and characteristics can be used by marketers to develop more effective relationships and strategies. (*as needed)

360 Marketing Research and Information Systems (3)

Prerequisite: ITM 210 (or equivalent statistics course) and MKT 300. A methodological approach to marketing and consumer research problems and opportunities, using both primary and secondary research. Examines the information needs of marketing managers and the use of information for making effective marketing decisions. Covers the marketing research process, including research design, analysis and interpretation, and reporting of findings. (*fall semester)

371 Personal Selling and Sales Management (3) (W)

Prerequisite: MKT 300. Examines the personal selling process and the use of a professional, customer-oriented, problem-solving approach in selling situations. Studies the nature of the sales job, selection of salespeople, sales training programs, and issues in the compensation, supervision, motivation, and ethical challenges of salespeople. (*spring semester)

372 Retail and Distribution Management (3)

Prerequisite: MKT 300. A critical analysis of the development, trends and institutions of retailing and marketing distribution. Topics include principles and policies of retail operations, organization and management of retail establishments, current retailing and distribution practices, and managerial problems posed by social and economic trends. (*fall semester)

411 Promotional Strategy (3) (W)

Prerequisites: MKT 300. Focuses on the major components of the promotional mix, with a special emphasis on advertising, sales promotion, public relations and direct marketing. Studies the development of promotional plans and strategies. Also for students minoring in advertising. (*fall semester)

450 Marketing Strategy (3)

Prerequisites: completion of nine hours of marketing courses. Develops students' ability to use facts in the analysis of marketing strategy. A capstone course that serves as a vehicle for the application and integration of the concepts, analytical tools and problem-solving approaches taught in lower-level marketing courses. (*spring semester)

490 Marketing Internship (1-6)

Prerequisite: junior or senior standing with at least a 2.75 overall GPA, or at least a 2.5 overall GPA and a 3.0 in COB courses, and nine hours of credit in marketing courses. May not be used to satisfy major requirements. Approval of the associate dean required. (*fall and spring semesters)

495 Topics in Marketing (1-3)

Prerequisite: consent of the associate dean. A readings and independent studies course taken for variable credit.

600 Topics in Marketing (1-3)

For graduate students only. Prerequisite: MKT 607 and written permission of the department chair. Contemporary topics in marketing.

601 Foundations of Marketing (1.5)

For graduate students only. Prerequisite or concurrent: ITM 603. This course studies the interacting business activities designed to plan, price, promote and distribute want-satisfying products and services to current and potential customers. The course incorporates current developments in marketing to acquaint students with the present-day challenges of marketing activities.

606 Business Research Methods (1.5)

For graduate students only. Prerequisites: ITM 601 and MKT 601 or ITM 605; and ITM 603. This course is designed to introduce students to a logical approach to marketing and business research. The course focuses on the process of research and examines information needs of marketing managers. Primary and secondary research tools, survey design and analysis techniques, and methods of interpreting and reporting results are also examined.

607 Building Customer Value (1.5)

For graduate students only. Prerequisites: Foundation course sequence or ITM 605; and ITM 603. Introduces students to a framework of decision tools for planning, promoting, pricing, and distributing products and services to target product markets. The central theme for this course is how exceptional companies deliver high levels of customer value. The course includes in-class exercises, case studies, and a marketing simulation.

614 Personal Selling and Sales Management (3)

For graduate students only. Pre-requisite: MKT 607. Through lectures, student presentations, journal articles, and lab sessions, examines the personal selling process and the use of a professional, customer-oriented problem-solving approach in selling situations. Reviews the nature of a sales job and issues in the supervision and motivation of salespeople, and ethical challenges they face.

615 Integrated Marketing Communications (3)

For graduate students only. Prerequisites: MKT 607. This course focuses on the state-of-the-art strategic concept of integrated marketing communication (IMC). IMC incorporates advertising, promotions, publicity, public relations, personal selling, and any other means by which marketing information is communicated to people. The course involves a synthesis of the theoretical, practical, and social considerations of IMC.

616 Marketing on the Cutting Edge (3)

For graduate students only. Prerequisites: MKT 607. This course consists of a variety of specialty, cutting-edge marketing topics that students would not usually be exposed to when taking a traditional sequence of marketing classes. The course is team taught as a series of independent lectures by experts in the specialty field.

651 Applied Business Research Techniques (1.5)

For graduate students only. Prerequisites: MKT 606. This course is designed to allow students to apply primary and secondary research techniques to solve managerial problems

and to facilitate business decision-making. Students design research studies, gather data, statistically analyze data, interpret information and report results to solve business problems.

652 Maximizing Service Encounters (1.5)

For graduate students only. Prerequisites: MKT 607. It is well established that services, not products, drive the U.S. economy. Services continue to grow in importance, producing a balance-of-trade surplus as opposed to the deficit produced by goods. This course focuses on managing the service encounter in different industries to deliver service quality to the customer. In this course students learn how to increase customer satisfaction, calculate customer lifetime value, map services, understand customer expectations, and develop relationship strategies.

653 Solving Marketing & Business Problems (1.5)

For graduate students only. Prerequisite: MKT 607. This course is designed to allow students to apply critical thinking skills and integrate core business knowledge by using the case method. Strategic marketing cases will be analyzed throughout the course, and students will also write their own cases.

704 Marketing New Technology, Products and Services (1.5)

For graduate students only. Prerequisite: Foundation course sequence. Entering new markets with new products and services is one of the greatest challenges facing a technology company. This course explores how successful global technology companies execute product design, rollout, entry and penetration strategies through a variety of channels. It assumes a global marketing perspective in which both direct entry and entry through alliances and partnerships are appropriate. Students are asked to prepare a detailed strategic marketing plan for a new technology.

Mathematics (MAT)

Credit cannot be earned in mathematics courses that are prerequisites for courses already completed.

150 Introductory Algebra (4)

A study of the basic concepts of algebra such as first-degree equations, factoring, rational expressions, graphing, quadratic equations, exponents and radicals. (*fall and spring semesters)

153 College Geometry (2)

A study of geometric problem-solving and formal synthetic Euclidean geometry. Students study properties of basic geometric figures, learn to verify them using formal proofs, and use results to solve applied problems. Students also are exposed to the axiomatic method of synthetic Euclidean geometry, learning how to verify results and then apply them to other proofs and applied problems. Required for education majors; may be taken as an elective by other majors. *May not be used to satisfy General Curriculum Requirements.*

155 Finite Mathematics for Liberal Arts (4)

Prerequisite: MAT 150 or equivalent. Appropriate as a general curriculum distribution requirement for liberal arts students. Topics include graph theory, planning and scheduling, data collection, descriptive statistics, social choices and voting, the problem of fair division, and the study of size and shape. (*fall and spring semesters)

160 College Algebra (4)

Prerequisites: MAT 150 or equivalent. Topics include rational exponents, equations and inequalities, functions and their operations, polynomials, rational functions, and systems of equations, inequalities and matrices. (*fall and spring semesters)

170 Precalculus (4)

Prerequisite: MAT 160 or equivalent. Covers exponential and logarithmic functions, applications to growth and decay problems, trigonometry and analytic geometry with emphasis on the use of graphing calculators. (*fall and spring semesters)

201 Introduction to Statistics (4)

Prerequisite: MAT 155 or equivalent (or higher, but not MAT 203). An introduction to descriptive and inferential statistics, with applications in various disciplines using statistical computer software. (*fall and spring semesters)

260 Calculus I (4)

Prerequisite: MAT 170 or equivalent. Covers limits, continuity, differentiation and its applications, integration, and the calculus of logarithmic, exponential, and trigonometric functions with emphasis on the use of graphing calculators. (*fall and spring semesters)

261 Calculus II (4)

Prerequisite: MAT 260. Covers integration techniques and applications, polar coordinates, parametric equations and infinite series. (*fall and spring semesters)

262 Calculus III (4)

Prerequisite: MAT 261. Covers partial differentiation, multiple integration and space vectors. (*fall semester).

299 Introduction to Higher Mathematics (4)

Prerequisite: MAT 261. Covers proof techniques and their applications to various branches of mathematics, basic set theory, properties of number systems, and basic history of mathematics. (*spring semester)

300 Differential Equations (4)

Prerequisite: MAT 262. An introductory course in ordinary differential equations with applications. (*once every two years)

301 Discrete Mathematics (4)

Prerequisite: MAT 261. Covers sets, induction, algorithms, recursion, matrices, relations, functions, digraphs, partially ordered sets, lattices, Boolean algebra, switching circuits, trees and combinatorial analysis. (*once every two years)

308 Linear Algebra (4)

Prerequisite: MAT 299. Covers vectors and vector spaces, matrices, and linear transformations on a vector space. (*once every two years)

310 Probability and Mathematical Statistics (4)

Prerequisite: MAT 261. Covers probability, descriptive statistics and inferential statistics. (*once every two years)

401 Real Analysis (4)

Prerequisites: MAT 262 and 299. Covers theories of limits, continuity, differentiation and integration. (*once every two years)

410 Complex Analysis (4)

Prerequisite: MAT 262 and 299. Coverage includes complex numbers, analytic functions, elementary functions, integrals, series, residues and poles. (*once every two years)

420 Modern Abstract Algebra (4)

Prerequisite: MAT 299. An introduction to the theory of groups, rings and fields. (*once every two years)

490 Senior Seminar (1)

Prerequisite: senior standing in mathematics or mathematical programming. An in-depth study of a topic in mathematics or mathematical programming. Requires consultation with a faculty member, personal research, library research and an oral presentation. (*fall and spring semesters)

499 Selected Topics (1-4)

Subject may be chosen from point-set topology, partial differential equations, combinatorics, graph theory or other topics. (*fall and spring semesters)

Military Science and Leadership (MSL)

Note: Leadership Laboratory courses are offered only to Army ROTC cadets who qualify to become commissioned officers in the U.S. Army. Enrollment is subject to the approval of the professor of military science. Grades earned in Leadership Laboratories provide the basis for selection into command positions in the Cadet Corps (The Spartan Battalion) and for the Order of Merit ranking for the U.S. Army Commissioning process.

101 Foundations of Officership (3) (W)

Examines the history, organization and mission of the ROTC program and the role of the Army in modern times. Discusses contemporary military issues, individual and group behavior, customs and traditions of the military services. All cadets must take a Leadership Laboratory course to fulfill Army commissioning requirements. Participation in MSL 101 does not include military obligation. Serves as a writing intensive elective. (*fall semester)

102 Basic Leadership (2)

Discusses the organization of the Department of Defense, principals of military leadership, organizational management and military correspondence. The course also creates basic skills that underline effective problem solving and examines the factors that influence leader and group effectiveness. All cadets must take a Leadership Laboratory course to fulfill Army commissioning requirements. Participation in MSL 102 does not include military obligation. (*spring semester)

110 Basic Leadership Laboratory (0)

Required of MS I Cadets (freshmen). Involves practical exercises in the principles of military courtesy, discipline, self-confidence and dismounted drill, as well as introduction to basic soldier skills. (*fall semester)

111 Basic Leadership Laboratory (0)

Required of MS I cadets (freshmen). Involves practical exercises in the development of leadership fundamentals of the utilization of maps and aerial photographs, and an introduction to small-unit military tactics and operations. (*spring semester)

201 Individual Leadership Studies (3) (W)

A study of the techniques of military instruction with emphasis on the fundamentals of leadership development at the small-unit level, using case studies in psychological, physiological and sociological aspects of human behavior. The course also offers problem-solving and critical-thinking studies to improve conflict resolution skills. All cadets must take a Leadership Laboratory course to fulfill Army commissioning requirements. Participation in MSL 202 does not include military obligation. Serves as a writing intensive elective. (*fall semester)

202 Leadership and Teamwork (2)

Familiarizes students with methods of instruction, speech techniques, effective listening and writing skills. Challenges current beliefs, knowledge and skills to guide self-development. All cadets must take a Leadership Laboratory course to fulfill Army commissioning requirements. (*fall semester)

203 American Military History (4)

A study of the development of American military institutions, policies, experience and traditions in peace and war from colonial times to the present. Also listed as HIS 210. Participation in MSL 202 does not include military obligation. (*spring semester)

210 Basic Leadership Laboratory (0)

Required of MS II cadets (sophomores). Involves practical exercises in the mission, organization and composition of military teams, use of communication equipment and an introduction to troop-leading procedures. (*fall semester)

211 Basic Leadership Laboratory (0)

Required of MS II cadets (sophomores). Involves practical exercises at the military team level, emphasizing the functions, duties and responsibilities of junior leaders. Students are evaluated for acceptance into the advanced course. (*spring semester)

301 Leadership and Problem Solving (3)

Analyzes selected leadership and management problems in the organization, training, planning and conduct of military tactical operations. Students also participate in a physical training program. Students must either meet the prerequisites (MSL 100- and 200-level courses) or substitute past military experience with the approval of the Professor of Military Science. All cadets must take the Advanced Leadership Laboratory course to fulfill Army commissioning requirements. Serves as a writing intensive elective. (*fall semester)

302 Leadership and Ethics (2)

Builds on previous instruction in military small-unit tactical operations. Develops map-reading skills, compass proficiency, cross-country navigation, and an appreciation of the military aspects of terrain. Also involves environmental awareness, physical fitness and competitiveness. Students also participate in a physical training program. Students must either meet the prerequisites (MSL 100- and 200-level courses) or substitute past military experience with the approval of the Professor of Military Science. All cadets must take the Advanced Leadership Laboratory course to fulfill Army commissioning requirements. (*spring semester)

303 National Advanced Leadership Camp (3)

A four-week, continuous leadership camp conducted at Fort Lewis, Washington. The National Advanced Leadership Camp (NALC) environment is highly structured and demanding, stressing leadership at small unit levels under varying, challenging conditions. Topics include weapons applications and other military skills, team building, leadership and management techniques. Although focus is on organizational development, individuals are continuously assessed on their potential leadership ability under less than perfect conditions. Students receive pay: The U.S. Army defrays travel, lodging and meal costs. Failure to attain course requirements at any time will result in immediate dismissal and return to campus. (*summer session)

310 Advanced Leadership Laboratory (0)

Required of MS III cadets (juniors). Involves practical exercises emphasizing the leader's role in directing and coordinating the efforts of individuals and small units in the execution of offensive and defensive tactical missions. (*fall semester)

311 Advanced Leadership Laboratory (0)

Required of MS III cadets (juniors). Involves practical exercises that emphasize the duties and responsibilities of junior leaders in a garrison or field environment in the various branches of the Army. Prepares students for junior leaders in a garrison or field environment in the various branches of the Army. Prepares students for the four-week ROTC National Advanced Leadership Camp (MSL 303). (*spring semester)

401 Leadership and Management (3) (W)

Analyzes selected leadership and management problems of Army units. Discusses officer-enlisted relationships and the obligations and responsibilities of an officer on active duty. Examines leadership theory with respect to both Army and civilian leaders. Students also participate in a physical training program. Students must either meet the prerequisites (MSL 100-, 200- and 300-level courses) or substitute past military experience with the approval of the professor of military science and leadership. All cadets must take the Advanced Leadership Laboratory course to fulfill Army commissioning requirements. Serves as a writing intensive elective. (*fall semester)

402 Officership (2)

Examines ethics and professionalism, code of conduct, uniform code of military justice and the transition to active duty. Students also participate in a physical training program. Students must either meet the prerequisites (MSL 100-, 200- and 300-level courses) or substitute past military experience with the approval of the Professor of Military Science. All cadets must take a non-credit Leadership Laboratory course to fulfill Army commissioning requirements. (*spring/fall semester)

410 Advanced Leadership Laboratory (0)

Required of MS IV cadets (seniors). Involves practical exercises in staff planning and coordination at the large-unit level with emphasis on leadership and management of the Spartan Battalion. (*fall semester)

411 Advanced Leadership Laboratory (0)

Required of MS IV cadets (seniors). A continuation of MSL 410 that involves practical exercises to prepare cadets for active duty service as commissioned officers. (*spring semester)

Music (MUS)**100 Music Fundamentals (3)**

Covers basic music reading, theory and terminology, including beginning keyboard, vocal and aural skills. (*fall and spring semesters)

102 Music Appreciation (3) (W)

A survey of Western musical thought and the history and evolution of musical forms and styles. Requires attendance at selected recitals on campus. (*fall and spring semesters)

105 Basic Guitar Class (1)

Elementary lessons in guitar, including music reading and basic instrument techniques. (*fall and spring semesters)

108 Introduction to Recording and Electronic Music (3)

A practical survey of issues and practices in music technology. Emphasis is on the use of today's electronic music tools including digital recording, microphones, mixers, synthesizers and computer sequencers. Includes music and recording studio lab projects, coverage of historical background, aesthetics and literature. (*fall and spring semesters)

109 Recording and Synthesis Techniques (3)

Prerequisite: MUS 108 or consent of instructor. A hands-on approach to learning multi-track recording including the digital audio workstation, mics, consoles and signal processors, as well as instruction in synthesizer and MIDI sequencer programming. (*spring semester)

110 Piano Class I (1)

Elementary group lessons in piano for the beginner, given in the electronic piano lab. (*fall and spring semesters)

111 Piano Class II (1)

Prerequisite: MUS 110 or equivalent. Post-elementary group lessons in piano. Scales, cadences and sight-reading skills are emphasized. Individualized piano study programs are designed for maximum growth using the electronic piano lab. (*spring semester)

112 Musicianship I (1)

Prerequisite: MUS 100 or permission of instructor. Intended to be taken simultaneously with MUS 122, this course is an elementary study of aural musical skills. Sight-singing and ear training are emphasized. Aural recognition of scale types, scale degrees, intervals and triad types is emphasized along with rhythm and melodic dictation. (*fall semester)

113 Musicianship II (1)

Prerequisite: MUS 112 or equivalent. Intended to be taken simultaneously with MUS 123, this course is a continuation of the study of aural musical skills. Sight-singing and ear training are emphasized along with melodic and rhythmic dictation. (*spring semester)

122 Music Theory I (3)

Prerequisite: MUS 110 or permission of instructor, or passing score on Music Department Theory Placement Test. A comprehensive study of musicianship through notation and aural recognition of tonal music basics. Encourages performing skills taught in MUS 112. (*fall semester)

123 Music Theory II (3)

Prerequisite: MUS 122 or permission of the instructor. A continuation of MUS 122. (*spring semester)

191 World Music (3) (NW) (IG)

An examination of the cultures of various countries and societies through their music and their musical practices. May be used to fulfill non-Western/Third World requirement. (*fall and spring semesters)

192 World Music Chorus/Drumming Ensemble (0,1)

A studio/performance-oriented course in which students learn vocal music and percussive accompaniments from outside the Western art tradition. To the degree that is possible, music is performed with integrity of vocal and musical style and always in the native language. A portion of the rehearsal time is devoted to developing an understanding of the music in relation to aspects of the culture from which it comes. Natives of the culture and other scholars provide information about the music and the culture. May be repeated for (a maximum of) eight credit hours. If taken for three or more semesters, the combined credit (a minimum of three credits) may satisfy one Humanities/fine arts course in the core curriculum. Open to all University students without audition.

207 Technological Revolutions in Music (3)

This course examines the technological impact on music created during the 20th century. Film, radio, popular and cultivated musical styles are studied from the focus of the development of the recording and computer industries. Musical issues such as political censorship, musicians' unions and bootlegging are included.

208 Topics in Music (3)

Topic varies as announced in the class schedule. May be repeated if content is different. (*as needed)

211 Piano Class III (1)

Prerequisite: MUS 111 or equivalent. Early intermediate piano skills and repertoire designed to train the student for the Piano Proficiency Examination required for the Bachelor of Music degree. Memorizing a solo, scales, cadences, harmonizing folk songs, rhythm reading skills and sight-reading are included. May be repeated once for credit. (*fall and spring semesters)

212 Musicianship III (1)

Prerequisites: MUS 112 and 113 or equivalent. Intended to be taken simultaneously with MUS 222, this course develops skills in keyboard harmony, aural skills and sight-singing, along with melodic and harmonic dictation exercises. (*fall semester)

213 Musicianship IV (1)

Prerequisite: MUS 212 or equivalent. Intended to be taken simultaneously with MUS 223, this course is a comprehensive study of keyboard harmony, aural skills and sight-singing to prepare the music student with essential skills for teaching, composition or performance. (*spring semester)

222 Music Theory III (3)

Prerequisites: MUS 122 and 123, or equivalent. A continuation of MUS 122 and 123, focusing on the evolution of the tonal system. (*fall semester)

223 Music Theory IV (3)

Prerequisites: MUS 122, 123 and 222, or equivalent. A continuation of MUS 222 from 19th-century practice and into 20th-century theory and composition techniques. (*spring semester)

224 Pedagogy (2)

A study of pedagogical techniques for teaching studio and class piano on the elementary and intermediate levels. Techniques include teaching in traditional style and new approaches using piano labs, recordings, compact discs, computers and MIDI accompaniments. Required for performance majors. (*as needed)

Note: The following techniques courses (MUS 225-229) are for music majors only. Each course is a pragmatic study of techniques, elementary and secondary methods, and representative repertoire in preparation for teaching or the study of orchestration.

225 Voice Techniques (1)

Students explore various parameters of vocal techniques: respiration, resonance, phonation and articulation. Performance preparation and class performance are incorporated. (*every third semester)

226 String Techniques (1)

Music majors only. (*every third semester)

227 Woodwind Techniques (1)

Music majors only. (*every third semester)

228 Brass Techniques (1)

Music majors only. (*every third semester)

229 Percussion Techniques (1)

Music majors only. (*every third semester)

238 Music Theater Workshop (1)

Studio/performance class focusing on musical preparation, analysis of scene/dramatic structure, incorporation of musical staging/blocking/choreography, and the development of performance techniques. (*spring semester or as needed)

239 Jazz Improvisation (1)

Guided study in the theory and practice of jazz improvisation. (*as needed)

240 Opus (0-1)

A small, auditioned vocal ensemble of mixed voices. Members also must sing with the Collegiate Chorale. Membership is understood to be a year-long commitment. The repertoire is drawn primarily from musical theater. Opus usually performs a program each semester, and also performs within the University and Tampa communities as the schedule allows. A mandatory 3-4 day tour is scheduled just prior to the spring break. (*fall and spring semesters)

241 Musical Production Participation (1)

Provides practical on-stage or technical/backstage experience in musical theater production. Requires audition, interview, or permission of instructor. May be repeated for credit. May be used to fulfill performance credit(s) requirement of the major in performing arts. (*fall semester or as needed)

242 Career Development and Audition Seminar (1)

A practicum course for performing arts majors. Studio class focusing on audition preparation for the musical theater, as well as emphasizing the business techniques required for a career in the performing arts. (*fall semester or as needed)

243 PAR Internship (1)

For performing arts majors. Prerequisite: junior or senior standing. Students are auditioned for placement in performance or theater-technical internships with local entertainment organizations. Special off-campus arrangements can be made with permission of the Co-Directors of the Performing Arts (Musical Theatre) Program.

244 Pep Band (0-1)

A studio/performance-oriented course. A band of woodwinds, brass and rhythm section, the Pep Band is open to all types of instruments with director approval. As the “stewards of UT spirit,” the Pep Band performs a repertoire of up-tempo popular and jazz tunes at a variety of University and community events. (*fall and spring semesters)

245 Special Project in Music (1)

Prerequisite: consent of project director. (*as needed)

246 Camerata (0-1)

A very small, select, auditioned ensemble of mixed voices. Members also must sing with the Collegiate Chorale. The repertoire is varied, ranging from madrigals and folk arrangements to contemporary and seasonal tunes. (*fall and spring semesters, as faculty load permits)

247-268 Studio Lessons (1-2)

Co-requisites: MUS 269 Recital/Concert Attendance and enrollment in a Music Department Ensemble Studio/performance-oriented courses. Studio courses 247-268 may be repeated for credit. In the timetable, ZA1 indicates one credit hour (half-hour weekly lessons), and ZA2 indicates two credit hours (one-hour weekly lessons). All instruments may be studied for one or two credit hours, with the exception of organ, which may be taken for two credit hours only, and electric bass, which may be taken for one credit hour only. Music majors usually study for two credit hours. (*fall and spring semesters)

247 Organ (2)**256 Saxophone (1, 2)****264 Viola (1, 2)****249 Harpsichord (1, 2)****257 Trumpet (1, 2)****265 Cello (1, 2)****250 Piano (1, 2)****258 French Horn (1, 2)****266 String Bass (1, 2)****251 Voice (1, 2)****259 Trombone (1, 2)****267 Classical Guitar (1, 2)****252 Flute (1, 2)****260 Baritone (1, 2)****268 Electric Bass (1)****253 Oboe (1, 2)****261 Tuba (1, 2)****254 Clarinet (1, 2)****262 Percussion (1, 2)****255 Bassoon (1, 2)****263 Violin (1, 2)****269 Recital/Concert Attendance (0)**

All students enrolled in Studio Lessons (MUS 247-268) are automatically enrolled in MUS 269 (Recital/Concert Attendance). These students must attend eight Music Department-sponsored events as an audience member (not a performer).

270 Composition-Arranging (1-2)

Prerequisites: MUS 223. May be repeated for additional credit. Taught as a studio lesson, this course is tailored to the background of the individual student. Some students have tried writing music on their own. For others, composition is a nascent process. Students for whom this is the first experimentation with this kind of creative process often perform better by being given specific compositional parameters. These students may fare better by starting with an arrangement assignment.

Bearing in mind that music is an aural art, an effort is made for students taking this course to have at least one piece performed during the semester. Many have had their pieces performed at one of the scheduled student recitals. Others who are more advanced may even perform original works at their senior recitals. (*as needed)

Note on Ensembles: MUS 192 World Music Chorus/Drumming Ensemble, MUS 245: Pep Band, MUS 245: Glee Club, and MUS 245 Commercial Music Ensemble are open to all students without audition. All ensembles may be repeated for additional credit. Upon successful completion of their auditions, students are graded largely on attendance and participation. Students may enroll in any ensemble for zero credit, but only if they are enrolled in eighteen credit hours or more.

291 Wind Ensemble (0-1)

A studio/performance-oriented course. A large ensemble of woodwind, brass and percussion instruments that performs two or three times each semester, both on- and off- campus. The repertoire consists of major works, overtures, historical, contemporary and popular literature for band and variable-sized ensembles. Auditions are held at the beginning of the fall and spring terms. (*fall and spring semesters)

292 Jazz Ensemble (0-1)

A studio/performance-oriented course. A big band of saxophones, trumpets, trombones and rhythm section with repertoire from traditional swing charts to contemporary jazz. The UT Jazz Ensemble performs two or three times each semester. (*fall and spring semesters)

293 Collegiate Chorale (0-1)

An auditioned chamber ensemble of mixed voices. The Chorale gives a major performance each semester. The Chorale also is called upon to serve the University and Tampa Bay communities at various times during the regular school year as the schedule allows. The repertoire consists of major works, madrigals, anthems, comic songs, jazz arrangements and works from other genres. (*fall and spring semesters)

309 Performance Class (0-1)

A studio/performance-oriented course. Students study and rehearse solo and small ensemble literature for their instruments. Required performance on monthly student recitals. Master classes with studio teachers may be included. Annual spring concert. (*fall and spring semesters)

310 String Ensemble (0-1)

A studio/performance-oriented course. (*as needed)

311 Classical Guitar Ensemble (0-1)

A studio/performance-oriented course. (*as needed)

312 Woodwind Ensemble (0-1)

A studio/performance-oriented course. (*as needed)

313 Brass Ensemble (0-1)

A studio/performance-oriented course. (*as needed)

314 Percussion Ensemble (0-1)

A studio/performance-oriented course. (*as needed)

315 Choral Conducting (3)

A study of basic conducting techniques with practical application to choral ensembles. (*every other year)

316 Instrumental Conducting (3)

A study of basic conducting techniques with practical application to instrumental ensembles. (*every other year)

319 Music History: Greek through Classic (3) (W)

Prerequisites: MUS 122 and 123. It is recommended that MUS 102 (Music Appreciation) be taken before enrolling in this course. A survey of Western music from its incipience through 1810. (*fall semester of even-numbered years)

320 Music History: Romantic through 20th Century (3) (W)

Prerequisites: MUS 122 and 123. It is recommended that MUS 102 (Music Apprecia-

tion) be taken before enrolling in this course. A survey of Western music from 1810 through the present. (*spring semester of odd-numbered years)

322 Counterpoint (3)

Prerequisite: MUS 223. Studies the free-counterpoint practice of the 17th and 18th centuries.

324 Form and Analysis (3)

Prerequisite: MUS223. Studies the development of an analytical method for music literature. Involves application of the method to representative works from all music-style periods, emphasizing the historical evolution of forms to develop music-analysis skills. (*fall semester of odd-numbered years)

325 Orchestration (3)

Prerequisites: MUS 222 and 223, or permission of instructor. A study of the string, woodwind, brass and percussion instruments, their characteristics and ranges, and the techniques required to play them. Requires many short, written examples in various media. Final project involves the arranging of a specified piece for the Concert Band. Students prepare the score and parts, and conduct their own works. (*spring semester of odd-numbered years)

330 Audio in Media (3)

Prerequisite: MUS 108 or instructor consent upon interview. This course specifically addresses audio recording and sound production, as well as manipulation techniques of contemporary media. Radio, television, film sound, and related music recording and production techniques are explored. (*fall semester as needed)

346 Junior Recital (1)

Co-requisite: Applied Music study in the primary instrument/voice used for the recital. A studio/performance course with required preview. All repertoire must be approved and coached by the studio instructor. See Music Department Handbook for details. Students may enroll for zero credit if they are enrolled in eighteen or more credit hours.

446 Senior Recital/Showcase (1)

Co-requisite: Applied Music study in the primary instrument/voice used for the recital. A studio/performance course with required preview. All repertoire must be approved and coached by the studio instructor. See Music Department Handbook for details. Students may enroll for zero credit if they are enrolled in eighteen or more credit hours.

450 Advanced Project in Music Theory (2)

Guided readings, research and writings, culminating in a paper. May require a composition, at the instructor's discretion. Also includes some supervised teaching of basic musicianship studies. (*as needed)

Nursing (NUR)

Note: There are two BSN degree programs. The 4 year program (Basic) prepares students to become eligible for the RN licensing examination. The RN to BSN Program provides the opportunity for licensed Registered Nurses to complete the Baccalaureate in Nursing Degree.

200 Concepts of Nursing (2)

For Basic students only. Prerequisite: acceptance to the Nursing Program. This course focuses on nursing as a profession including its history, theoretical foundation and the role of the baccalaureate-prepared nurse in today's diverse health care delivery system. Using a seminar format, students are introduced to the Nursing Department's philosophy and conceptual framework as these relate to the beginning level of nursing practice. The course explores definitions, models and theories of nursing from an historical perspective. Emphasis is placed upon group dynamics, writing and cultural awareness.

210 Intro to Pathophysiology (3)

For Basic students only Prerequisite: NUR 200, BIO 183. This course provides students with a basic understanding of pathophysiology from a structural and functional organiza-

tional framework. It builds upon the student's knowledge in the sciences and explores how alterations in structure and function disrupt the body as a whole. Physiological changes across the lifespan are examined. Students utilize critical thinking to analyze selected diseases for symptomatology, pathophysiology and implications for health care intervention.

212 Foundations of Nursing Practice (3)

For Basic students only. Prerequisite NUR 200; Co-requisite NUR 210, 218. This course introduces students to the cognitive and technical skills necessary to provide effective patient care to diverse populations. Topics include communication, critical thinking, nursing process and the delivery of culturally competent care. The promotion of wellness across the lifespan and collaboration with other health care professionals are emphasized.

212L Foundations of Nursing Practice Laboratory (4)

For Basic students only Co-requisite: NUR 212. Laboratory and clinical experiences provide students the opportunity to learn and apply the cognitive knowledge and technical skills necessary to provide effective patient care to diverse populations. Experiences include on-campus activities and supervised clinical learning opportunities in a variety of health care settings.

218 Health Assessment (4)

For Basic students only. Prerequisites: NUR 200, BIO 183; Co-requisites: NUR 212, 212L, 210. This course provides the Basic Nursing Student with knowledge and skills to obtain and record a health history and physical examination. Assessing the level of health and wellness of clients throughout the lifespan is also included. This course provides both a didactic and laboratory experience.

301 Concepts of Professional Nursing (3) (W)

For RN to BSN students only. Prerequisite: admission to the nursing program. The nursing profession is analyzed with foci on professionalism, socialization, theories, roles and philosophies. (*fall and spring semesters)

311 Nursing Leadership and Management I (3)

For RN to BSN students only. Co- or prerequisites: NUR 301, PSY 200 and SOC 100. The concepts of leadership, power, change, decision-making and self-awareness are examined. Emphasis is on communication-skill building in group settings. (*fall and spring semesters)

312 Nursing Care of Adults (1.5)

For Basic students only. Prerequisites: NUR 212, 212L, 210, 218. This course explores the concepts and theories necessary to promote and restore health of adults with biological problems and related physiological and psychological responses.

312L Nursing Care of Adults Laboratory (1.5)

For Basic students only. Co-requisite: NUR 312 This course provides students the opportunity to apply concepts and processes required to help adults in the promotion and maintenance of health. Students examine adults from physical, social, psychological and developmental perspectives through a combination of laboratory and supervised clinical practice activities. Clinical experiences will occur under faculty supervision in a diversity of patient care settings.

313 Nursing Care of Older Adults (1.5)

For Basic students only. Co-requisite: NUR 312, 312L This course is the examination of the theories of aging and developmental tasks of families who are aging. The physical, psychological, social, cultural, economic, legal, ethical and spiritual needs of the aging persons are addressed.

313L Nursing Care of Older Adults Laboratory (1.5)

For Basic students only. Co-requisite: NUR 313. This course provides students the opportunity to apply concepts and processes of the aging process through a combination of laboratory and supervised clinical practice activities. Clinical experiences occur under faculty supervision in a diversity of patient care settings.

314 Nursing Care of the Developing Family (1.5)

For Basic students only. Prerequisites: NUR 313, 313L. This course examines the concepts associated with the diverse responses of families during the childbearing cycle, including normal and high-risk pregnancies, and normal and abnormal events occurring in women. Families experiencing normal developmental changes and developmental deviations are examined.

314L Nursing Care of the Developing Family Laboratory (1.5)

For Basic students only. Co-requisite: NUR 314. The course provides students the opportunity to apply the concepts associated with responses of families during the childbearing cycle through a combination of laboratory and supervised clinical practice activities. Clinical experiences occur under faculty supervision in a variety of childbearing patient care settings.

315 Nursing Care of Children (1.5)

For Basic students only. Prerequisite: PSY 210, Co-requisites: NUR 314, 314L. This course presents the essential concepts, theories and development processes vital in understanding the health concerns and problems of children, adolescents and their families. Students examine family-centered nursing care in the health promotion and health maintenance of infants, children and adolescents.

315L Nursing Care of Children Laboratory (1.5)

For Basic students only. Co-requisite: NUR 315. This course provides students the opportunity to apply the essential concepts, theories and processes useful in meeting the health and developmental needs of children and their families. Learning experiences are provided that emphasize the role of the nurse and continuity of care in meeting the needs of children and families in acute care and community settings. Clinical experiences occur under faculty supervision in a variety of childbearing patient care settings.

318 Health Assessment (4)

For RN to BSN students only. Prerequisites: HEA 230, BIO 307, ENG 102, PSY 200 and SOC 100. Concurrent or prerequisite: NUR 301. Health Assessment provides the nurse with the necessary knowledge to obtain and record a history and physical examination, as well as to assess the level of health and wellness of the client throughout the lifespan. This course offers a didactic and laboratory experience.

322 Contemporary Issues in Health Care (3)

For Basic and RN to BSN Students. Basic student prerequisites: NUR 200, 212, 212L. RN to BSN Prerequisite :: ENG 102. Concurrent or prerequisite: NUR 301. The health care delivery system is examined from political, economic, legal and ethical perspectives.

345 Pharmacology (2)

For Basic students only. Prerequisites: NUR 212, 212L, 210, 218. This course introduces students to the fundamentals of pharmacology and therapeutics in the treatment of illness, and the promotion, maintenance and restoration of health in patients across the lifespan. The major drug categories are reviewed with emphasis placed on the therapeutic use, action and adverse reaction, as well as benefits and risks to the drug therapy. This prepares the health professional for safe, therapeutic pharmacological interventions.

347 Clinical Human Nutrition (2)

For Basic students only. Prerequisites: NUR 212, 212L, 210, 218. This course provides information on the fundamentals of nutrition and application. Nutritional needs across the lifespan and nutritional support in selected disorders are specifically discussed.

410 Mental Health Nursing Across the Lifespan (1.5)

For Basic students only. Prerequisites: NUR 315, 315L, 322. This course examines the biological, environmental, cultural and interpersonal factors, which predispose individuals to mental illness. Mental health is viewed as the continuous adaptation to the inevitable stressors of life, and deviations are a result of the inability of individuals to adapt to life's stressors. Individuals are viewed holistically across the lifespan.

410L Mental Health Nursing Across the Lifespan Laboratory (1.5)

For Basic students only. Co-requisite: NUR 410. The course provides students the opportunity to apply the concepts of mental health nursing through a combination of laboratory and supervised clinical practice. Clinical experiences occur under faculty supervision in a variety of settings in which patients and families with acute and chronic mental health problems may be found.

411 Nursing Leadership and Management II (3)

For RN to BSN students only. Prerequisites: NUR 301 and 311. Key concepts in leadership and management are explored. Emphasis is placed upon organizing and delivering health care, assessing financial resources, planning, managing human resources, improving quality, and promoting positive change. (*fall and spring semesters)

412 Nursing Care of Clients in the Acute Care Setting (3)

For Basic students only. Prerequisites: NUR 315, 315L. Pre or Co-requisites: NUR 410, 410L. This course examines advanced concepts related to patients experiencing complex multi-system biological problems and related physiological and psychological responses.

412L Nursing Care of Clients in the Acute Care Setting Laboratory (3)

For Basic students only. Co-requisite: NUR 412. The course provides the opportunity for students to apply advanced concepts and processes required to help adults with complex multi-system problems. Students examine adults from physical, social, psychological and developmental perspectives through a combination of laboratory and supervised clinical practice activities. Clinical experiences occur under faculty supervision in a variety of acute care settings.

415 Leadership and Management (3)

For Basic students only. Prerequisites: NUR 315, 315L. This course examines key concepts in leadership and management within the health care system. Emphasis is placed on organizing and delivering health care, assessing financial resources, planning, managing human resources, improving quality, and promoting positive change.

420 Principles of Community Health (3)

For Basic and RN to BSN students. Prerequisites (Basic students): NUR 410, 410L, 412, 412L, 415, 432. Prerequisite (RN to BSN): NUR 311. Concurrent or prerequisite: NUR 432. This course focuses on the community health system by examining it from historical, organizational and political perspectives. Emphasis is placed upon analysis of epidemiological trends and the relevance of community assessment to community health nursing practice. The impact of local, state and federal legislation is explored related to the impact on community health.

420L Community Health Laboratory (2)

For Basic students only. Co-requisite: NUR 420. The course provides the opportunity to synthesize and apply the cognitive knowledge gained in NUR 420 through supervised clinical practice. Students provide culturally competent care to individuals, families and groups in a variety of community agencies.

430 Holistic Care: Alternative Therapies for Self-Care and Professional Practice (3) (IG) (NW)

Open to non-nursing students. This course examines alternative health practices from a cross-cultural perspective. Healing interventions such as acupuncture, biofeedback, homeopathy, meditation, and traditional Chinese and herbal medicine are studied and demonstrated by practitioners. Emphases are placed upon the historical underpinnings of holistic health practices and the political/economic ramifications on global health. This course also compares and contrasts non-traditional modalities of health care with industrial models. (*once each year)

432 Introduction to Nursing Research (3) (W)

For Basic and RN to BSN Prerequisites (Basic): NUR 200, Statistics. Prerequisite (RN to BSN): MAT 201. Concurrent or prerequisite (RN to BSN): NUR 301. Introduction to nursing research with emphasis on the research process and the critique of nursing research studies.

438 Principles of Family Health (3)

For RN to BSN students only. Concurrent or prerequisite: NUR 432. This course focuses on the theoretical concepts of family development and functioning essential in understanding the contemporary family and the current trends related to families. The course emphasizes the role of the nurse in assessing and planning intervention strategies needed to provide comprehensive nursing care to families. (*fall and spring semesters)

440 Community/Family Practicum (4)

For RN to BSN students only. Prerequisite: NUR 318. Concurrents or prerequisites: NUR 420 and 438. This course provides the student with the opportunity for in-depth experiences with individuals, families and groups in the health system. This clinical practicum enables the student to synthesize the knowledge acquired in NUR 420 and 438. (*fall and spring semesters; summer semester if sufficient enrollment).

446 Senior Practicum (4)

For RN to BSN students only. Prerequisite: 432. Concurrents or prerequisites: NUR 411 and 440. This course provides the student the opportunity to synthesize nursing knowledge and experience professional role implementation in a variety of health care settings. (*fall and spring semesters; summer semester if sufficient enrollment).

447 Legal Nurse Consulting I (3)

Prerequisites: RN licensure and NUR 322 (or equivalent). This course provides students the opportunity to explore legal foundations of nursing practice liability issues, nursing malpractice and the American legal system (with special emphasis on Florida law and personal injury claims) in depth. Case analyses, synthesis of fact and law, and introduction to written and oral communication skills that are essential in the role of legal nurse consultant are the foci, as well as the steps inherent in discovery. The evolving roles of legal nurse consultants are explored. (*fall and spring semesters)

448 Legal Nurse Consulting II (3)

Prerequisites: RN licensure, NUR 322 (or equivalent.) This course provides students the opportunity to develop skill and knowledge related to the process of performing legal research (including record reviews) and medical and legal verbal and written communication. Emphases are on conducting and organizing literature searches, and reviews and facilitation of life-care and end-of-life planning, as well as preparation of documents for trial. The role of expert witness and risk manager also are explored. (*fall and spring semesters)

450 Independent Study in Nursing (1-3)

An independent study in nursing that provides students with an opportunity to pursue a topic or project under the guidance of a nursing faculty member. By permission of instructor and department director. May include a practicum.

451-459 Selected Topics in Nursing (1-3)

For elective credit only. An in-depth study of a selected nursing topic of concern to students and faculty. Emphasis is on contemporary issues affecting nursing and health care.

452 Clinical Preceptorship (5)

For Basic students only. Prerequisites: NUR 412, 412L, 410, 410L. Co-requisite: NUR 454. This course provides in-depth clinical experience with a diverse patient population. The student will utilize knowledge from the physical, biological and behavioral sciences to provide culturally competent nursing care to clients of all ages across the lifespan. Critical thinking skills will be further developed to integrate research findings to validate and im-

prove patient outcomes. The student will incorporate principles of teaching and learning to promote, maintain and restore health and the prevention of illness to individuals, families and groups.

454 Senior Seminar (2)

For Basic students only .Prerequisite: NUR 415. Co-requisite: NUR 452. This seminar course helps the student in understanding what it means to be a professional in the evolving health care delivery system. Discussions include methods to ease transition from student to practitioner, lifelong learning, professional commitment and political involvement. Students are assisted in defining their own professional practice with regard to political, economic, legal, ethical, social and cultural influences in nursing, both domestically and globally.

601 Current Perspectives in Health (2)

For graduate students only. Prerequisite: Acceptance to the MSN Program. This course focuses on professional, socio-cultural, economic and political forces exerting pressure on the current health care system. Emphasis is placed upon the leadership role advanced practice nurses can play related to shaping the direction and substance of changes. (*each academic term).

605 Theory Development in Nursing (3)

For graduate students only. Co- or prerequisite: NUR 601. Emphasizes theory development in nursing science in terms of historical perspective, concept formulation and available models. Selected theories are analyzed. (*fall and spring semesters)

615 Nursing Research (3)(W)

For graduate students only. Co or prerequisites: NUR 601,605 and Statistics.. Focuses on developing and refining researchable questions, conducting a scholarly review of literature, and examining qualitative and quantitative methodologies for data collection and analysis. Provides opportunity for the development of a research proposal. (*fall and spring semesters)

618 Advanced Health Assessment (4)

For graduate students only. Co- or prerequisites: NUR 601 and 605. This course builds on the competencies acquired in a baccalaureate nursing assessment course, and expands expertise in completing comprehensive assessment and developing diagnostic reasoning skills. Biopsychosocial contributors to health status are explored across the lifespan. A synthesis of the assessment data will lead to a health status descriptive report and provide the basis for focused investigation and treatment recommendations. This course includes a laboratory experience. (*fall and spring semesters)

620 Nursing and Organizational Behavior (2)

For graduate students only. Prerequisites: NUR 601, 605 and 615. Analysis of organization of health care services. Topics include the process of providing care, factors that affect need, access and use of services, supply and distribution of professionals and facilities, quality assessment, decision-making and structure. (*once each year)

621 Consultation in Health Care (3)

For graduate students only. Co or prerequisites for MSN and MSN/MBA students: NUR 601, 605 and 615. This course analyzes and differentiates various models and strategies for consultation in health care organizations. Contemporary health policy and legal issues related to advanced practice are discussed. Completion of a consultation project evaluating or initiating change in a community organization is required. (*once each year)

625 Health Care Finance (3)

For graduate students only. Co- or prerequisites for MSN and MSN/MBA students: NUR 601, 605 and 615, ECO 601 and ACC 601. This course examines financial analysis and decision-making in health care organizations. Managerial decisions, budgetary controls and fiscal information systems are discussed. Cost-benefit analysis, budgeting, generating revenue, inventory analysis, capital expenditures and forecasting are examined. (*once each year)

630 Human Resource Management (3)

For graduate students only. Co- or prerequisites for MSN and MSN/MBA students: NUR 601, 605 and 615. This course analyzes the management of personnel resources for health care delivery. Theories and research related to human resource management in organizations are reviewed. Emphases are on information systems, staff development, labor/management relationships, quality improvement systems and organizational care delivery models. (*once each year)

635 Professional Issues and the Nurse Practitioner (3)

For graduate students only. Co- or prerequisites: NUR 601, 605 and 615. This course focuses on current practice issues related to the emerging role of the nurse practitioner in health care delivery. Emphases are on critical review and analysis of role theory, role implementation strategies, and role performance as a clinician, educator, case manager, leader, consultant and colleague. Legal and ethical practice parameters also are addressed. (*spring semester and summer 12-week term)

640 Health Care Policy (3)

For graduate students only. Co- or prerequisites for MSN and MSN/MBA students: NUR 601, 605 and 615. This course reviews the policy formation process and examines political strategies for gaining scarce resources necessary to advance nursing practice, education and research. Specifically, it analyzes policy participants, health care issues, processes and outcomes, as well as social, legal and ethical components of policy development and implementation. (*once each year)

645 Clinical Pharmacology (3)

For graduate students only. Co- or prerequisites: NUR 601 and 605. This course is a case study approach to the clinical application of the major classifications of drugs. A lifespan approach is utilized to address client needs of drug therapy in primary, secondary and tertiary care settings. Statutory authority for prescription writing protocols is examined. There also are foci on factors that promote consumer involvement in decisions regarding drug therapy and ultimate compliance with treatment recommendations. (*fall and spring semesters)

646 The Family: Theory, Research and Practice (2)

For graduate students only. Co- or prerequisites: NUR 601, 605 and 615. This course examines frameworks for family nurse practice, incorporating issues in practice, theory development and research. Additional foci are on theoretical bases for comprehensive family assessment and intervention. (*spring semester and summer 12-week term)

650 Teaching Methods and Strategies in Nursing Education (3)

For graduate students only. Co- or prerequisites for MSN and MSN/MBA students: NUR 601, 605 and 615. Examines major concepts related to teaching and learning in nursing education and practice. Analyzes teaching methods for the appropriateness of their use in adult education, based on learning theories and adult development. Describes appropriate teaching methods and innovative strategies to enhance learning for specific learning needs in both the classroom and clinical practice settings.

652 Curriculum Design and Evaluation in Nursing Education (3)

For graduate students only. Co- or prerequisites for MSN and MSN/MBA students: NUR 601, 605 and 615. Introduces students to the process of curriculum and program development and evaluation. Applies learning theory and accreditation in the integration of philosophy, conceptual framework, program objectives, course objectives and content selection for curriculum development process.

654 Measurement and Evaluation in Nursing Education (3)

For graduate students only. Co- or prerequisites for MSN and MSN/MBA students: NUR 601, 605 and 615. Develops techniques for measurement and evaluation of student performance in the classroom, clinical practice and other settings. Emphases are on applica-

tion of basic statistical procedures, use and interpretation of standardized tests, various grading and reporting systems, portfolio assessment, authentic grading, and other non-traditional assessment procedures.

655 Advanced Pathophysiology (3)

For graduate students only. Co- or prerequisites: NUR 601 and 605. This course addresses the concepts that contribute to alterations in health status of clients throughout the life cycle. Concepts of focus include the cellular environment, altered tissue biology, and principles of genetics as they apply to health status, immunity and cellular proliferation. In addition, alterations in status of the primary physiological systems, developmental abnormalities and oncology are included. (*fall and spring semesters)

656 Nursing Education Practicum (4)

For graduate students only. Prerequisite for MSN students: successful completion of the oral comprehensive examination. Focuses on the application of educational theories and strategies in classroom and clinical settings. Provides opportunities to practice role behaviors as a nurse educator under the guidance of a qualified preceptor in a post-secondary academic setting. Includes 224 hours on site in a selected institution.

658 Community Nursing Education Practicum (4)

For graduate students only. Prerequisite for MSN students: successful completion of the oral comprehensive examination. Focuses on the application of educational theories and strategies in classroom and clinical settings. Provides opportunities to practice role behaviors as a nurse educator in staff development, continuing education and community education under the guidance of a qualified preceptor. Includes 224 hours on site in a selected institution.

670 Nursing Administrative Practicum I (4)

For graduate students only. Prerequisite: successful completion of oral comprehensive examination. This practicum provides an organization-based practice in which students can apply knowledge and skills learned in the classroom. Students are expected to assume responsibility for or participate in at least one project under the direction of a preceptor. This practicum includes a minimum of 224 hours of supervised administrative clinical practice. (*each academic term)

671 Nursing Administrative Practicum II (4)

For graduate students only. Prerequisite: successful completion of oral comprehensive examination. This practicum provides an organization-based practice in which the student can apply knowledge and skills learned in the classroom. This practicum includes a minimum of 224 hours of supervised administrative clinical practice. (*each academic term)

675 Practicum in Adult Primary Care I (3)

Co- or prerequisites: NUR 677 and successful completion of oral comprehensive examination. Each practicum experience provides the student the opportunity to apply knowledge and skills learned in the classroom while caring for adult clients. Each practicum includes a minimum of 168 hours of supervised clinical practice in the role of nurse practitioner in a variety of settings. Students may enroll for no more than two practicum courses in a single academic term. (*each academic term)

676 Practicum in Adult Primary Care II (3)

Co- or prerequisites: NUR 677. Prerequisite: successful completion of oral comprehensive examination. Each practicum experience provides the student the opportunity to apply knowledge and skills learned in the classroom while caring for adult clients. Each practicum includes a minimum of 168 hours of supervised clinical practice in the role of family nurse practitioner in a variety of settings. Students may enroll for no more than two practicum courses in a single academic term. (*each academic term)

677 Clinical Management of the Adult Client (3)

Prerequisites: NUR 618, 645 and 655. Co- or prerequisites: NUR 635 and 646. This course emphasizes primary-care management of common acute and chronic health problems of adult clients. (*each spring semester and summer session)

685 Practicum in Infants, Children and Adolescent Primary Care (3)

Co- or prerequisite: NUR 687. Prerequisite: successful completion of oral comprehensive examination. This practicum experience provides the opportunity to apply knowledge and skills learned in the classroom in caring for infants, children and adolescent clients. This course includes 168 hours of supervised clinical practice in a variety of settings. Students may enroll for no more than two practicum courses in a single academic term. (*each academic term)

686 Practicum in Women and Older Adult Primary Care (3)

Co- or prerequisite: NUR 697. Prerequisite: successful completion of oral comprehensive examination. This practicum course provides the opportunity to apply knowledge and skills learned in the classroom in caring for women and older adult clients. This practicum includes a minimum of 168 hours of supervised clinical practice in a variety of settings. Students may enroll in no more than two practicum courses in a single academic term. (*each academic term)

687 Clinical Management of Infants, Children and Adolescents (3)

Prerequisites: NUR 618, 645 and 655. Co- or prerequisites: NUR 635 and 646. This course emphasizes primary care management of common acute and chronic health problems of infants, children and adolescents. (*each fall and spring semester)

690 Thesis (3-6) (may be taken over two semesters) (optional)

For graduate students only. Co- or prerequisite: NUR 670 or 675. Focused nursing research study under the guidance of a faculty thesis advisor. Includes identifying the research question, reviewing relevant research, designing the study, analyzing the findings and preparing the final research paper. Students must register for a minimum of three credit hours for each semester prior to thesis defense.

695 Selected Topics in Nursing (1-3)

An in-depth study of a selected nursing topic of concern to students and faculty. Emphasis is on contemporary issues of global relevance affecting nursing and health care. By permission of instructor and department director.

697 Clinical Management of Women and Older Adults (3)

Prerequisites: NUR 618, 645 and 655. Co- or prerequisites: NUR 635 and 646. This course emphasizes primary-care management of common acute and chronic health problems of women and older adults. (*each fall and spring semester)

Philosophy (PHL)

200 Introduction to Philosophy (4)

A study of philosophical methods and concepts via selected philosophical systems and problems. (*fall and spring semesters)

201 Logic (4)

Studies principles of correct reasoning: formal and informal arguments. (*fall and spring semesters)

202 Ethics (4)

Examines major systems of thought regarding problems of moral value and the good life. (*every other spring semester)

203 Contemporary Philosophy (4)

Examines major concepts and methods of the 20th century. (*every other spring semester)

204 Aesthetics (4)

An examination of selected topics in the philosophy of art and critical appreciation such as the nature of art, aesthetic experience, and aesthetic objects. (*every other fall semester)

205 Philosophy of Science (4)

A study of the origins and implications of the ideas that generate scientific worldviews and scientific paradigm change. (*every other spring semester)

206 Philosophy of Religion (4)

Examines the nature and validity of religious beliefs. (*every other fall semester)

208 Business Ethics (4)

An examination by case study of moral problems in the business world. Topics include the obligation of industry to the natural environment, governmental regulation of private enterprise, employee rights and truth in advertising. Develops a number of ethical theories to assist the analysis.

209 Biomedical Ethics (4)

An investigation of selected moral problems that arise in the contemporary biomedical setting. Issues include abortion, euthanasia, patient rights, animal experimentation, in-vitro fertilization, surrogate motherhood and genetic engineering. (*every other fall semester)

210 Environmental Ethics (4) (NW) (IG)

An examination of issues that arise from human beings interacting with their natural environment. Initial discussion involves selected ethical problems that arise from human use of “common systems” (e.g., the atmosphere, oceans, wilderness). Further discussions consider whether ecological systems, natural features and non-human animals have moral worth independent of their utility for human commerce.

212 Critical Thinking (4)

Designed to strengthen students’ skills in reasoning about problems and issues of everyday life by helping them to distinguish between good and bad arguments. Students work to achieve these goals through reading and discussion of course materials, written analyses of others’ arguments or development of their own arguments, and class debates for practice in persuasive argument.

217 Social and Political Philosophy (4)

A study of major social and political systems and issues from Plato to the present. (*every other fall semester)

220 Problems of Philosophy (4) (NW) (IG)

Recommended: prior completion of PHL 200. An in-depth study of selected philosophers or philosophical problems. May be repeated if content varies.

237 Eastern Thought (4) (NW) (IG)

Studies the Indian concept of Darsana and the five Hindu philosophical systems as related to human experience. May examine Chinese thought as time permits. Cross-listed as REL 217.

300 Philosophical Foundations of the Western World (4)

Prerequisite: any 200-level philosophy course (except PHL 201) or consent of instructor. A survey of Western philosophy from Tales to Thomas Aquinas. (*every other fall semester)

301 The Making of the Modern Mind (4)

Prerequisite: any 200-level philosophy course (except PHL 201) or consent of instructor. A survey of modern philosophy from Aquinas to Kant. (*every other fall semester)

305 Philosophy of Mind (4)

Prerequisite: any 200-level philosophy course (except PHL 201) or consent of instructor. A study of the concept of self and its implications for scientific research and everyday activities. (*every other fall semester)

306 Existentialism (4)

Prerequisite: any 200-level philosophy course (except PHL 201) or consent of instructor. A study of central themes in existential philosophy and literature. (*every other spring semester)

308 Film Aesthetics (4)

Prerequisite: COM 260, PHL 204 or consent of instructor. A study of film as an aesthetic medium. Explores the social, technological, historical and artistic influences on the development of cinema. Also examines how theories of film (i.e., realism, formalism, expressionism and semiology) affect the aesthetic construction and critical reception of films. Cross-listed as COM 308. (*every other spring semester)

Physical Education Service (PES)

111 Aerobic Dance (2) (Elective)

A co-educational activity class providing instruction in the principles of aerobic conditioning and development of aerobic dance skills. (*according to availability of faculty)

112 Ballroom Dance (1) (Elective)

A co-educational activity providing instruction in basic ballroom dancing and associated skills. Special emphases are placed upon balance, rhythm, coordination and creative expression. (*according to availability of faculty)

113 Bowling (1) (Elective)

A co-educational activity class for developing and improving basic bowling skills. (*according to availability of faculty)

116 Lifesaving (1) (Elective)

Trains individuals to establish and carry out emergency plans for recreational aquatic facilities. Also teaches how to educate the public on its role in promoting safety. (*according to availability of faculty)

119 Racquetball (1) (Elective)

A co-educational activity class examining the rules of racquetball and developing associated skills. (*according to availability of faculty)

122 Water Safety Instructor (1) (Elective)

Trains instructor candidates to teach American Red Cross water safety classes, while improving the candidate's skill level and knowledge of swimming and water safety. Successful completion of all aspects of the course qualifies the student to be a certified Red Cross water safety instructor. (*according to availability of faculty)

125 Weight Training (1) (Elective)

A co-educational activity class that covers the necessary skills and techniques to enjoy participation in weight training for health and recreation. (*according to availability of faculty)

Physics (PHY)

125 Physical Science (3)

Designed for non-science majors. Not open to students who have previously taken a course in college physics or chemistry. Covers the basic concepts of astronomy, electricity, energy and motion. Satisfies General Curriculum Distribution requirements. Lecture-Laboratory. (*Offerings depend upon availability of faculty.)

126 Introduction to Astronomy (3)

Prerequisite: MAT 150 or equivalent. Designed for non-science majors. Topics include naked-eye observations, planetary motion, the solar system, and the origin, structure and evolution of stars, galaxies and the universe. Satisfies General Curriculum Distribution requirements. Lecture only. (*Offerings depend upon availability of faculty.)

200 General Physics I (4)

Prerequisite: MAT 170. A non-calculus course intended primarily for science majors. Topics include kinematics, Newton's laws of motion, linear and angular momentum, work and energy, gravity, oscillations and waves, sound, fluids and thermodynamics. Lecture-Laboratory. (*fall semester)

201 General Physics II (4)

Prerequisite: PHY 200. A continuation of General Physics I. Topics include electricity, magnetism, optics, relativity, atomic physics, nuclear physics and particle physics. Lecture-Laboratory. (*spring semester)

Psychology (PSY)

PSY 200 is a prerequisite for all courses in psychology. Three courses at the 200 level (including PSY 200 and PSY 211) are required before taking 300- or 400-level courses

200 General Psychology (4)

An introduction to the basic principles of psychology. (*fall and spring semesters)

201 Psychological Assessment (4)

A study of psychometric theory with emphasis on techniques and topics in reliability and validity of psychological tests. (*every year)

202 Industrial Psychology (4)

Studies the application of psychological principles to business and industry. Includes topics such as personnel selection, training, job satisfaction and work motivation. (*every year)

203 Social Psychology (4) (W)

Studies the psychological processes (i.e., values, attitudes, communication and social adjustment) arising from the interaction of human beings. (*every year)

210 Child Psychology (4)

For majors and non-majors. Focuses on psychological development in infants, children and adolescents. Emphases are on applied, practical applications of research findings and consideration of the "how-to" as well as the "how" of growth and development. Cannot be used to satisfy Area "B" requirement if PSY 310 is used to satisfy Area "E" requirement. (*every year)

211 Statistics and Experimental Methods I (4) (W)

Prerequisite: MAT 160. An introduction to statistical techniques and experimental methods. Statistical coverage includes frequency distributions, graphic representations, central tendency measures, variability measures, probability, distributions, single sample tests and the independent t-test. Methodological coverage includes the nature of science, ethics, research approaches, the experimental approach, hypothesis testing, two group between design, control for a two group between design, and the APA research report format. (*fall and spring semesters)

230 Theories of Personality (4)

Examines the theoretical approaches to the study of human personality, including psychoanalytic, behavioral and phenomenological conceptions. (*every year)

250 Health Psychology (4)

Explores the area of psychology that examines psychological aspects of how individuals maintain health, become ill, and respond to illness. (*every other year)

Special Summer Studies (2-4)

Special courses are offered occasionally during the summer sessions. Course descriptions are published annually in a separate bulletin.

Note: Three 200-level psychology courses, including Psy 200 and Psy 211, are required before taking any 300- or 400-level courses.

303 Abnormal Psychology (4)

A systematic presentation of concepts related to the etiology, symptoms and treatment of behavior disorders. (*fall semester)

305 Applied Psychology: Consumer Psychology (4)

Focuses on the application of the principles of psychology to consumer behavior. (*every other year)

310 Developmental Psychology (4) (W)

Examines the development of human behavior from both intradisciplinary and interdisciplinary perspectives. Focus is on etiological factors in growth and development. Also emphasizes the roles of genetic and environmental influences and their interaction in the process of maturation. Cannot be used to satisfy Area “E” requirement if PSY 210 is used to satisfy Area “B” requirement. (*every other year)

312 Statistics and Experimental Methods II (4) (W)

Extension of elementary statistical and experimental methodological topics begun in PSY 211. Statistical coverage includes correlation, regression, matched pairs t-test, and one-way and two-way analyses of variance. Methodological coverage includes a review of ethics and hypothesis testing, various experimental designs, control in experimentation, constancy techniques, data collection and the APA research report format. (every year)

314 Cognitive Psychology and Perception (4)

Surveys the processes that lead to perception, memory recall and thought. Topics include perceptual processes, human information processing and attention. (*every other year)

315 Human Learning and Memory (4)

Studies empirical research and findings on human memory and learning, including verbal learning, mnemonic devices and memory organization. (*every other year)

320 Biopsychology (4)

Introduces the student to the biological bases of behavior. Course content includes neuroanatomy and neural processes, physiological and motivational bases of behavior, and applications of this information. (*every other year)

325 Psychology of Women (4) (W)

Examines psychological research and theory dealing with the female experience. Topics include gender differences and their origins, theories of gender-role socialization, and stereotyping. Equivalent to WST 325. (*every other year)

400 History and Systems of Psychology: Seminar (4)

Surveys the history of systematic psychology from ancient to modern times. Requires independent study project and seminar presentation. (*spring semester)

404 Human Sexual Behavior: Seminar (4) (W)

A survey of the physiological, sociological and psychological aspects of human sexuality. Requires independent study project and seminar presentation. Equivalent to WST 404. (*every other year)

405 Internship in Clinical Psychology (4)

Open only to psychology majors. Prerequisites: PSY 200, 201, and 303, senior status and GPA in the PSY major of 3.0. A supervised internship in community agencies. Admission by application to the clinical internship coordinator. Graded on a pass-fail basis. (* fall semester)

406 Internship in Industrial/Organizational Psychology (4)

Open only to psychology majors. Prerequisites: PSY 200, 201, 202 and 211, and GPA in the PSY major of 3.0. A supervised internship in local organizations. Admission by application to the Industrial/Organizational internship coordinator. Graded on a pass-fail basis. (*every semester)

430-440 Selected Topics in Psychology: Seminar (4)

A seminar course involving special topics in psychology. Provides students with the opportunity to explore subject matter in psychology more thoroughly than is possible in a formal class. Requires an independent study project and a seminar presentation. (*occasionally)

450 Independent Study (1-4)

Prerequisite: consent of department chairperson. Involves independent study and honors research on individual problems in psychology. May be repeated for credit if subject matter varies. (*fall and spring semesters)

451 Senior Thesis (4)

Prerequisites: senior standing, grade point average of 3.5 or higher, completion of 24 hours in psychology, and consent of instructor and department chairperson. A substantial research and writing project expected to yield a journal-ready manuscript. (*fall and spring semesters)

Religion (REL)**203 The Old Testament (4)**

A study of Hebrew history and literature with emphasis on historical, prophetic and wisdom writings.

204 The New Testament (4)

Studies the origin of early Christianity with emphasis on the canonical Gospels and Epistles.

205 World Religions (4) (NW) (IG)

A survey of the religions of the world other than Judaism and Christianity, such as Zoroastrianism, Islam, Hinduism, Jainism, Sikhism, Buddhism, Shinto and Taoism.

210 Judaism (4)

An historical and theological survey of the ideas, practices and philosophy of Judaism. Traces the development of those ideas, starting with the intertestamental period.

212 Christianity (4)

An historical and theological survey of the Christian church, beginning with the post-Apostolic age and continuing through the Protestant Reformation.

217 Eastern Thought (4) (NW) (IG)

Studies the Indian concept of Darsana and the five Hindu philosophical systems as related to human experience. May examine Chinese thought if time permits. Cross-listed as PHL 237.

220 Problems of Religious Thought (4) (NW) (IG)

A selected topics course with varying subject matter.

350 Independent Study (1-4)**Social Sciences (SSC)****300 Statistics for the Social Sciences (4) (W)**

Prerequisite: junior or senior standing. An introduction to statistics emphasizing survey designs. Topics include descriptive statistics, probability distribution, hypothesis testing, psychometric scaling, chi-square, linear regression and multiple regression. (*every other fall semester)

350 Applied Social Research (4)

This course leads students through an applied, real-case research project from conception to data collection and presentation. It involves a team-oriented approach, with students working together to conduct and finish the project. (*every other semester)

400 Research Methods in the Social Sciences (4) (W)

Applies scientific method to the analysis of society. Includes elements in scientific logic, problem formation, research designs, methods of data collection and analysis, and interpretation of data. (*spring semester)

Sociology (SOC)

SOC 100 is a prerequisite for all other courses in sociology.

100 Introduction to Sociology (4) (NW) (IG)

An introduction to the structure, function and development of human societies. Emphasizes the nature and meaning of culture, socialization, personality, social institutions, social inequality and social change. (*fall and spring semesters)

101 Social Issues and Social Movements (4)

Examines the relationship between social issues and the mobilization of social protest and social movements. Surveys several 20th-century social movements, including the labor, civil rights, anti-war, women's, farmworkers and gay rights movements.

200 The Urban World (4) (NW) (IG)

An overview of the courses and consequences of urbanization in the United States, Western Europe and developing countries, integrating economic, geographical, political and sociological perspectives. Cross-listed as GWA 207. (*fall semester)

202 Marriage and Family (4)

Studies mate selection and marriage in the United States. Includes the processes of family formation, maintenance and dissolution, as well as alternative family forms. (*fall and spring semesters)

211 Sociology of Health and Illness (4)

This course examines the social contexts of health, illness and medical care. It gives prominence to the debates and contrasting perspectives that characterize the field of medical sociology.

220 Sociology of Gender Roles (4) (W)

Offers theoretical and empirical bases for prescriptions of masculinity and femininity. Studies the effect of gender-role differentiation on social institutions including the family, politics and the economy. Examines the impact of social change and the women's movement on gender roles in contemporary society.

226 Third World Development and Underdevelopment (4) (NW) (IG)

Examines sociocultural causes and consequences of development and underdevelopment, especially concerning technology and economic organization, population, class structure, polity, culture and position in the world system. Also analyzes relevant theoretical issues. (*every other fall semester)

290-299 Special Studies (2-4)

Special courses are offered each year. Course descriptions published annually in a separate bulletin.

300 Cultural Diversity and Aging (4) (IG)

Key elements concerning ethnicity and its influence on the perception of aging are introduced. Emphases are placed upon gender roles throughout the life cycle, contrasted worldviews, kinship networks and roles, and cross-cultural health beliefs.

301 Dying, Death, and Bereavement (4)

An investigation of dying, death and bereavement from the sociological perspective.

302 Gerontology: Aging and Society (4) (W)

A theoretical and practical examination of the sociological implications of aging for the individual and society. (*every other fall semester)

304 Public Policy Analysis (4) (W)

Studies the formation, implementation and evaluation of public policies. Cross-listed as GWA 304. (*spring semester)

305 Field Work Intern Program (2-4)

Prerequisite: nine hours of sociology with grade of C or higher. Designed to provide concerned students an opportunity to make relevant contributions to the community through service in an organization, agency or program in the forefront of combating social problems. Students spend five to ten hours each week in supervised community service. The variable credit allows students to take two community placements, if they desire. Graded on a pass-fail basis. (*fall and spring semesters)

306 Racial and Ethnic Relations (4)

A comparative study of inter-group relations, social conflict and modes of adjustment in the United States and elsewhere. Examines prejudice and discrimination, their sources, their consequences and potentials for change. (*every other fall semester)

307 The Family (4) (W) (NW) (IG)

A comparative study of the literature on families in Western, non-Western and Third World countries, including the effects of Westernization on family structure and function.

310 Introduction to Applied Sociology (4)

This course introduces students to the field of applied sociology. (*every spring semester)

313 Inequality (4)

Focuses on the three dominant lines of division in modern American society: class, race and gender. Covers the nature of human inequality, its origins and its modern manifestations. Examines theories of social inequality and attempts to eliminate it.

403 Gerontology: the Biology of Senescence (4)

Explores basic concepts pertaining to the biological aspects of the aging process in general and analyzes how these processes impact on sociological, psychological, and medical issues relevant to the demographic trends associated with an aging society.

404 Women and Aging (4) Cross-listed with WST 403.

This course explores the impact of aging on women, with special emphasis on the diverse experiences, challenges and social and economic conditions of older women. Topics include health issues, the politics of aging, beauty and aging, sexuality, housing, and women as caregivers.

410 Social Thought and Sociological Theory (4) (W)

A survey of major trends in social thought. (*every other fall semester)

450 Independent Study (2-4)

Prerequisites: completion of 20 hours of sociology, grade point average of 3.0 or higher, and consent of instructor and area coordinator. A series of directed readings and short research projects on a topic of interest to the student. Materials covered must be different from those included in current courses. Independent studies may be taken with any full-time professor in the sociology area. Subject matter must be determined through student-faculty consultation. (*fall and spring semesters)

451 Senior Thesis (4)

Prerequisites: completion of 28 hours of sociology, grade point average of 3.25 or higher, and prior consent of instructor and area coordinator. Involves a major research paper planned

and written with possible publication in mind. A senior thesis can be written under the guidance of any full-time professor in the sociology department. Subject matter must be determined through student-faculty consultation. (*fall and spring semesters)

452 Independent Study: Gerontology (2-4)

Prerequisites: completion of eight hours of coursework for the certificate program in gerontology, a GPA of 3.0 or higher, and consent of the coordinator of the certificate program in gerontology. Involves guided readings, research and criticism in gerontology. May be repeated if subject matter varies. (*spring and fall semesters)

Spanish (SPA)

Students who have had one or more years of Spanish in high school are encouraged to register at the highest level compatible with their knowledge of the language, including 300- and 400-level courses. Credit cannot be earned for 100- and 200-level Spanish courses that are prerequisites for courses already successfully completed.

100 Introduction to Practical Spanish (2)

Not open to native speakers of Spanish. A basic introduction to Spanish with an emphasis on the practice of speaking and listening skills. Basic grammar also is covered. This course is a prerequisite for those LAN/CST 100 Language and Culture courses having a language instruction component, and is open only to those students who have had no previous coursework in Spanish. It also may be taken as a prerequisite for SPA 110. Graded on a pass-fail basis only. (*as needed)

101, 102 Elementary Spanish I, II (4, 4) (IG)

Not open to native speakers of Spanish or Portuguese. SPA 101 or equivalent skills is a prerequisite for SPA 102. May not be taken after SPA 110. Beginning Spanish with emphasis on Hispanic culture, as well as understanding and speaking Spanish in practical situations. Includes practice in reading and writing. Students who have successfully completed two or more years of Spanish in secondary school within the previous eight years may not enroll in Spanish 101 for credit, except by written permission of the instructor. (*fall and spring semesters)

110 Elementary Spanish Review (4) (IG)

Not open to native speakers of Spanish. May not be taken after SPA 101. Review of Spanish for students who have studied the language in high school for at least two years. Emphases on accelerated grammar and speaking. Listening comprehension, reading and writing are included. Credit may not be earned for both Spanish 102 and 110. (*fall and spring semesters)

150 Conversational Spanish I (1) (IG)

Not open to native speakers of Spanish. Prerequisite: SPA 102, SPA 110, or equivalent skills. Designed for students who wish to maintain or improve their conversational skills and improve their listening and speaking skills through structured materials. May be taken concurrently with SPA 201, but not after successful completion of SPA 201. (*occasionally)

201, 202 Intermediate Spanish I, II (4, 4) (IG)

Not open to native speakers of Spanish. Prerequisite: SPA 102, two or more years of high school Spanish, or equivalent skills. Develops a greater understanding of Hispanic culture and everyday Spanish, as well as speaking, reading and writing skills. (*fall and spring semesters)

250 Conversational Spanish II (1) (IG)

Not open to native speakers of Spanish. Designed for students who wish to maintain or improve their conversational skills and to improve their listening and speaking skills through structured materials. Prerequisite: SPA 201 or equivalent skills. May be taken concurrently with SPA 202. (*occasionally)

251-259 Topics in Spanish (1-4) (IG)

Prerequisite: consent of instructor. Content varies. May be repeated for additional credit.

300, 301 Advanced Spanish I, II (4, 4) (IG)

Prerequisite: SPA 202 or equivalent, four or more years of high school Spanish, or equivalent skills. Not open to students who received their secondary education in the Spanish language. Emphases in Advanced Spanish I are on oral expression, reading and vocabulary building. Emphases in Advanced Spanish II are on writing, vocabulary building and grammar. (*occasionally)

306 Phonetics and Phonology (4)

Prerequisite: one 300-level Spanish course, equivalent skills or consent of instructor. Covers the theory and practice of pronunciation. A systematic analysis of the sounds of Spanish, including stress and intonation patterns, phonetic transcription and oral practice. (*every other spring semester)

307 The Structure of Modern Spanish (4)

Prerequisite: SPA 202, four or more years of high school Spanish, equivalent skills, or consent of instructor. A study of the forms and syntax of Spanish. Involves training in composition and translation. (*every other fall semester)

308, 309 Commercial Spanish I, II (4) (4) (IG)

Prerequisite: SPA 202, four or more years of high school Spanish, equivalent skills or consent of instructor. The study of the fundamentals of practical, commercial Spanish, including business report and letter writing, as well as the language of advertising, foreign trade, transportation, banking and finance. Also considers the cultural context of Hispanic business. SPA 308 should be taken before SPA 309. (*occasionally).

351-359 Topics in Spanish (1-4) (IG)

Prerequisite: consent of instructor. Content varies. May be repeated for credit.

402, 403 General Spanish Literature I, II (4, 4) (IG)

Prerequisite: one 300-level Spanish course, equivalent skills, or consent of instructor. A reading and discussion of selections by master writers of Spanish literature for an understanding of how ideas, feelings and social points of view are conveyed through literature. Reviews the historical and cultural background of each period. Class conducted in Spanish. (*every other spring semester)

404, 405 Hispanic Culture and Civilization I, II (4, 4) (405: NW) (IG)

Prerequisite: two 300-level Spanish courses, equivalent skills, or consent of instructor. An integrated picture of the political, economic, social, geographical and cultural forces that have shaped Spain and Latin America. SPA 404 covers Spain; SPA 405 covers Latin America. Class conducted in Spanish. (*every other fall semester)

451-459 Topics in Spanish (1-4) (IG)

Prerequisite: consent of instructor. Content varies. May be repeated for credit.

500 Accelerated Business Spanish (6) (IG)

Prerequisites: senior or graduate standing, and SPA 102, two or more years of high school Spanish, or equivalent skills. Not open to native speakers of Spanish. For students interested in developing their ability in business Spanish at an accelerated pace. Development of functional proficiency in listening and speaking at the intermediate level, as well as minimal reading/recognition skills. Extensive practice using materials and vocabulary related to economics, finance, management, marketing and trade, as well as everyday spoken Spanish. Acquisition of the cultural background and everyday knowledge necessary for conducting business with Latin Americans. (*occasionally)

Spanish Literature in English Translation (SPT)

250 Spanish Literature in English Translation (4)

No prerequisites. A study of selected masterpieces of Spanish literature. Course and readings are in English. Cross-listed as ENG 250. (*occasionally)

Special Studies

See chapter on *Academic Policies and Procedures* for provisions on special studies courses.

10T Special Studies (1-5)

20T Special Studies (1-5)

30T Special Studies (1-5)

40T Special Studies (1-5)

60T Special Studies (1-5)

Note: Enrollment in special studies courses may be authorized under extreme circumstances and only with the expressed written approval of the instructor and the dean or chairperson of the college or department in which the credit is earned. A special studies course may be taken only when it is clearly a necessity.

Speech (SPE)

100 Voice and Diction (4)

A study of voice production, enunciation, pronunciation and elementary phonetics. (*fall semester)

200 Oral Communication (4)

Develops and improves skills in speech composition and delivery by exposure to various speech types and situations. Concentrates on poise in group speaking situations. (*fall and spring semesters)

205 Oral Interpretation of Literature (4)

Offers the beginning student an opportunity to study, perform and evaluate the reading of prose, poetry and drama. Develops interpretive skills, vocal range and flexibility, understanding of language, and expressiveness of voice and body. (*spring semester)

208 Speech for Business and the Professions (4)

Covers techniques for speaking situations commonly encountered in business and the professions. Offers practice in briefings, interviews, problem-solving conferences and communication management. (*fall and spring semesters)

300 Storytelling: Voice, Script and Movement (4) (W)

This course introduces students to the role that stories, plays and related processes can play in facilitating understanding and the sharing of our lives. This course includes practical application of ideas toward writing and performance of personal stories.

303 Seminar in Public Performance (4)

Prerequisites: eight or more hours of drama and/or speech courses, or consent of instructor. Provides guided study and rehearsal in such areas as oral interpretation, readers' theater, public speaking and acting. Project-oriented course involves public performances and critiques. (*as needed)

Technology and Innovation Management (TIM)

710 Global Competitive Technology Strategy (1.5)

For graduate students only. Prerequisites: Foundation course sequence or concurrent enrollment in foundation courses. This course provides an introductory overview of the critical challenges and strategic choices facing leaders of technology companies competing in global markets. Emphasis is placed upon how these companies create sustainable competitive advantage through their products, services and operating processes. Key conceptual frameworks and analytic tools for assessing and executing these strategies are explored. Examples from companies across several industries such as telecommunications, software, pharmaceuticals and computers are compared.

720 Accelerating New Product Development (3)

For graduate students only. Prerequisites: Foundation course sequence and TIM 710. This course examines the processes organizations use to increase R&D effectiveness and the rate of new product introduction. Emphasis is on the organization processes and leadership used to effectively integrate all key functional areas of the organization. Special emphasis is given to the interactive roles played by technologists (scientists, engineers) and marketers in identifying and translating market opportunities and knowledge breakthroughs into successful products. The course explores numerous methodologies (e.g., strategy maps) to identify and manage potential problems in those processes.

730 Leading Innovators and Technologists (1.5)

For graduate students only. Prerequisites: Foundation course sequence and TIM 710. Attracting, developing, directing and rewarding a company's creative technical talent are major human resource challenges. The unique strategies for leading and supporting highly creative people are identified via case studies, simulations and guest speakers. The course explores such topics as inhibitors to innovation, tailoring reward and recognition systems for technical professionals, and creating organizational designs that enable innovation. Opportunities are provided to practice leadership, influence and constructive feedback skills.

740 Optimizing Organizational Learning and Knowledge Management (3.0)

For graduate students only. Prerequisites: Foundation course sequence and TIM 710. This course explores how organizations acquire, create, share and leverage what they know to create sustainable competitive advantage in their markets. Their stock of knowledge represents intellectual capital that must be effectively managed. Knowledge management processes and systems are discussed based upon case studies and research of best practices in leading companies. The course also intensively focuses on the international and domestic laws governing intellectual property.

750 Surveying New Technologies (1.5)

For graduate students only. Prerequisites: Foundation course sequence and TIM 710. Companies once considered the leading edge of new technologies often are severely affected by "disruptive technologies" that fundamentally change their markets. This course provides the concepts and tools needed to assess the impact of emerging new technologies across several scientific and technical fields. Emphasis is upon understanding how companies competitively react and transform themselves in response.

760 Managing Large Technology Programs (1.5)

For graduate students only. Prerequisites: Foundation course sequence, TIM 710 and ITM 614. This course augments the project management concepts and tools introduced in ITM 614. Its focus is on the management of multiple projects that comprise a large technology program such as the introduction of a new aircraft, facility or process. Case studies, readings and guest lecturers provide an overview of the sophisticated techniques and management designs used to effectively manage risk, financial exposure and human resource constraints. Advanced features of Microsoft Project® are utilized in course assignments.

770 Advanced Operations and Customer Support Systems (1.5)

For graduate students only. Prerequisites: Foundation course sequence and TIM 710. This course explores how organizations use advanced technologies to both enhance and compete through operations, logistics and customer support systems. The course surveys the latest technologies that successfully drive operating performance, and explores those elements critical to successful introduction. Topics such as the benefits and challenges of using Enterprise Resources Planning (ERP) and Internet-based E-Business systems are examined. Guest speakers with hands-on experience in selecting, planning and implementing new operating technologies share insights.

800 Assessing Innovative Capacity and Performance (3)

For graduate students only. Prerequisites: Foundation course sequence, TIM 710, ITM 614, last-semester standing. This capstone course provides an integrative, hands-on team experience with an actual company in assessing its strategic capacity for innovation, and specific ways to improve its overall competitive performance. Concepts and tools from all program courses are available for application in this assessment.

Theater (DRA)

103 Survey of World Theater (3) (W)

Introduces the student to the art of theatre as it evolved from ancient Greece up to the time of Elizabethan England. Surveys the aesthetics of theater, plays written for the stage and the roles of collaborating artists in creating theatre. Involves some stage work in acting and directing. Requires attendance at university theatre productions.(fall semesters).

104 Survey of World Theater II (3) (NW-IG-W)

Introduces the student to the art of theatre as it evolved following Elizabethan England up to modern times. Includes study in the traditional non-western dramatic forms of the orient. Surveys the aesthetics of theater, plays written for the stage and the roles of collaborating artists in creating theatre. Involves some stage work in acting and directing. Requires attendance at university theatre productions. (spring semesters).

204 Acting I (3)

A studio/performance-oriented course. Introduces the beginning student to the craft of acting. Teaches basic stage technique and develops skills of relaxation, observation and concentration. Emphasis is on exercises and improvisation, with some scene study. Required for the major in performing arts. (*fall semester)

205 Oral Performance of Literature (4)

Offers the beginning student an opportunity to study, perform and evaluate the reading of prose, poetry and drama. Develops interpretive skills: vocal range and flexibility, understanding of language, and expressiveness of voice and body. (*spring semester)

221 Stage Movement (2)

Teaches the fundamentals of stage movement. Increases awareness of physical self, helping students master the “physicalization of emotion” (Michael Chekhov) and physical character building.

240 Special Project in Theater: Drama Production Participation (0-1)

Requires audition and/or interview. May be used to fulfill the performance credit requirement for the major in performing arts. May be repeated for credit.

241 Special Project in Theater: Musical Production Participation (0-1)

Requires audition and/or interview. May be used to fulfill the performance credit requirement for the major in performing arts. May be repeated for credit.

242 Special Project in Theater: Cabaret Production Participation (0-1)

Requires audition and/or interview. May be used to fulfill the performance credit requirement for the major in performing arts. May be repeated for credit.

245 Special Projects in Theater: Technical Theater (1)

Provides practical on-stage and backstage experience. May be repeated for credit. May be used to fulfill the performance credit(s) requirement for the major in performing arts. (*fall and spring semesters)

282-289 Modern Drama (4) (W)

Studies include survey of modern drama (Ibsen to the present), contemporary British drama, contemporary American drama, or modern Continental drama. May be repeated if content varies. Open to all students. Equivalent to ENG 282-289. (*every other year)

290 Theater New York (4)

A yearly trip to see the Broadway and off-Broadway theater from both sides of the footlights. Includes six plays, seminar with the Time theater critic, postperformance interviews with actors and actresses.

303 Seminar in Public Performance (4)

Prerequisite: eight or more hours of drama and/or speech courses, or consent of instructor. Provides guided study and rehearsal in such areas as oral interpretation, readers' theater, public speaking and acting. Project-oriented course involves public performances and critiques.

304 Acting II (3)

A studio/performance-oriented course. Provides training and experience in stage performance for students who have gained initial expertise in the craft of acting. Emphases are on monologue preparation and performance. Required for the major in performing arts. (*spring semester)

305 Acting Shakespeare (4)

A studio/performance-oriented course. Provides training, analysis and experience in the stage performance of the works of Shakespeare and his contemporaries. Emphases are on monologue and scene study. (*spring semester)

308 Development of Musical Theater (3)

No prerequisites. May not be repeated for credit. A survey of the history and development of musical theater as a distinct art form. Students study significant developments in the history of musical theater, including the artists who contributed to musical theater and significant works from the repertory.

309-311 Advanced Drama (4) (W)

Prerequisites: ENG 101 and 102. Studies include Elizabethan, Restoration or contemporary drama. May be repeated if content varies. Equivalent to DRA 309-311. (*every third year)

315 Advanced Acting Workshop (3)

Prerequisites: DRA 204 and 304, or consent of instructor. A studio/performance-oriented course designed to enhance previously acquired acting skills via intensive study, demonstration and observation of the physicalization of emotion and text, in-class exercises, and instruction. The study of advanced methods of acting techniques (Stanislavski, M. Chekov, Meisner, Whelan) are examined through scene study, dramatic interpretation and analysis, as well as monologue preparation and performance.

320 Play Analysis (3) (W)

Prerequisites: DRA 103 or consent of instructor. Prepares the more advanced student for play selection, analysis and production. Students are required to make a director's study/analysis of a specific play. Required for the major in performing arts.

325 Directing (4) (W)

Prerequisites: DRA 320 or consent of instructor. Studies the basic tasks of the director: play selection, analysis, casting, rehearsing and mounting the production. Each student is responsible for the direction and performance of a one-act play or equivalent dramatic scene.

Urban Studies (UST)

200 The Urban World (4) (NW) (IG)

An overview of the causes and consequences of urbanization in the United States, Western Europe and developing countries, integrating economic, geographical, political and sociological perspectives. (*fall semester)

210 Urban Politics and Policy (4) (W)

Covers political processes, institutions and problems of urban-political systems in the United States. Cross-listed as GWA 210. (*fall semester)

301 Urban Planning and Development (4) (W)

Examines the history, methods, processes and problems of urban planning and development. Cross-listed as GWA 301. (*every other spring semester)

304 Public Policy Analysis (4)

Covers the formulation, implementation and evaluation of public policies. (*spring semester)

440 Field Work Intern Program (4-16)

Prerequisite: consent of area coordinator. Offers practical experience in an agency or agencies dealing with urban policies or problems. (*fall and spring semesters)

450 Independent Study (2-4)

Prerequisites: 12 hours of urban studies, grade point average of 3.0 or higher, and consent of area coordinator. Involves guided readings, research and criticism. May be repeated for credit if subject matter varies. (*fall and spring semesters)

451 Senior Thesis (4)

Prerequisites: senior standing, grade point average of 3.25 or higher or membership in the Honors Program, and consent of area coordinator. A substantial research and writing project. (*fall and spring semesters)

Women's Studies (WST)

212 Witchcraft and Magic in the Early Modern Atlantic World (4) (IG)

A study of the development of witchcraft accusations, beginning with continental Europe in the 15th and 16th centuries and continuing with the later scares in England and New England. Particular emphases will be given to international comparisons and the changing social, cultural and economic positions of women. Cross-listed as HIS 212.

215 Women in American History (4) (W)

A survey of women's accomplishments, lifestyles, changing image and struggle for equality from colonial times to the present. Cross-listed as HIS 215. (*fall semester)

220 Sociology of Gender Roles (4) (W)

Offers theoretical and empirical basis for the prescriptions of masculinity and femininity. Studies the effect of sex-role differentiation on social institutions, including the family, politics and the economy. Examines the impact of social change and the women's movement on sex roles in contemporary society. Cross-listed as SOC 220. (*every other spring semester)

238 Contemporary Themes in Literature: Women's Literature (4) (W)

An introduction to the classics of world literature written by women. Special emphases are on English literature and the contemporary era. Cross-listed with ENG 238. May count

toward the humanities component of the general curriculum distribution, but not toward the social science component. (*every other year)

325 Psychology of Women (4) (W)

Examines psychological research and theory dealing with the female experience. Topics include gender differences and their origins, theories of sex-role socialization, and stereotyping. Equivalent to PSY 325. (*every other year)

370 Women, Film, and Popular Culture (4)

Focuses on the politics of representing women, particularly in film, television, advertising, popular literature and the popular press. The critical background includes texts on political economics, semiotics, feminist theory and cultural studies. A major research project is required. Equivalent to COM 370. May not count toward social science component of the general curriculum distribution. (*every other spring semester)

383 Women's Studies (4) (W)

An overview of women's studies that examines the pervasive and often unacknowledged ways that gender shapes our social institutions, individual knowledge and inter-personal relationships. Includes history, literature and film by and about women. May be used to satisfy general curriculum distribution in social science.

403 Women and Aging (4) Cross-listed with SOC 404.

This course explores the impact of aging on women, with special emphasis on the diverse experiences, challenges and social and economic conditions of older women. Topics include health issues, the politics of aging, beauty and aging, sexuality, housing, and women as caregivers.

404 Human Sexual Behavior: Seminar (4) (W)

A survey of the physiological, sociological and psychological aspects of human sexuality. Requires independent study project and seminar presentation. Equivalent to PSY 404. (*every other year)

Writing (WRI)

200 Introduction to Creative Writing (4) (W)

An introduction to the forms and techniques of creative writing, with opportunities to write poetry, fiction and drama. May be used to satisfy general curriculum distribution requirements if not used for the writing major or minor. (*every year)

210 Writing as a Means of Self-Discovery (4) (W)

A beginning creative writing course that encourages intensive exercises in self-discovery as preparation for writing stories, poems or plays that authentically convey emotion. May be used to satisfy general curriculum distribution requirements if not used for the writing major or minor. (*as needed)

225 Writing for Electronic Communication (4) (W)

Studies the creative elements that marry in the electronic media (i.e., sound effects, visuals, actuality and narration). Covers script formats, techniques, terminology and editing skills. Students apply these skills to documentary, narrative and instructional projects. Equivalent to COM 225. May not be used to satisfy general curriculum distribution requirements. (* every semester)

230-239 Special Topics (1-4) (W)

A study of one or more specialized writing genres and/or techniques. Topics may include science fiction and fantasy writing, autobiographies, persuasive writing, critical reviews, travel writing, photojournalism, unblocking writer's block and writing for the stage.

240 Writing Drama (4) (W)

An introduction to the techniques of writing stage and television scripts. May be used to satisfy general curriculum distribution requirements if not used for the writing major or minor. May be repeated for advanced credit with portfolio by permission of instructor. (*every other spring semester)

250 Poetry Writing I (4) (W)

Involves poetry writing and reading of related works. May be used to satisfy general curriculum requirements if not used for the writing major or minor. May be repeated for advanced credit with portfolio by permission of instructor. (* every year)

251 Poetry Writing II (4) (W)

Prerequisite: WRI 250 or consent of instructor. Involves poetry writing and reading of related works. May be used to satisfy general curriculum distribution requirements if not used for the writing major or minor. May be repeated for advanced credit with portfolio by permission of instructor. (*every year)

260 Fiction Writing I (4) (W)

Covers techniques of writing imaginative fiction. May be used to satisfy general curriculum distribution requirements if not used for the writing major or minor. May be repeated for advanced credit with portfolio by permission of instructor. (* every year)

261 Fiction Writing Workshop (4) (W)

WRI 260 recommended, but not required. Covers techniques of writing imaginative fiction. May be used to satisfy general curriculum distribution requirements if not used for the writing major or minor. May be repeated for advanced credit with portfolio by permission of instructor. (* every year)

271 Journalism (4) (W)

Prerequisite: ENG 101. Covers the elements of news, the style and structure of news and feature stories, methods of gathering and evaluating news, and copy editing. May not be used to satisfy general curriculum distribution requirements. (* every other year)

273 Practicum in Student Publications (1-4) (W)

Prerequisite: consent of instructor. Not recommended for first-semester freshmen. A seminar involving supervised practical experience on a student publication. Students may sign up for credit as follows: editor (four semester hours of credit), assistant editor or area editor (three semester hours of credit), assistant area editors (two semester hours of credit), or other staff (one semester hour of credit). No student may receive more than four semester hours of credit in student publications in any one semester. May be repeated for a maximum of the following semester hours of credit: *Minaret*, 10; *Moroccan*, 8; *Quilt*, 6. May not be used to satisfy general curriculum distribution requirements. (*fall and spring semesters)

274 Creative Nonfiction (4) (W)

A workshop devoted to the writing and reading of creative (literary) nonfiction (i.e., literary journalism, memoir, the personal essay, travel writing, biography): prose engaged in the rendering of fact, but employing the formal techniques and styles of fiction and other types of imaginative writing. Satisfies the ENG 204 Advanced Composition requirement for teacher certification. May be used to satisfy general curriculum distribution requirements if not used for the writing major or minor.(every year)

280 Business Writing (4) (W)

Prerequisite: ENG 101. Involves guided practice in the major forms of business communication (i.e., letters, memos, summaries, proposals and reports) for successful writing on the job. May not be used to satisfy general curriculum distribution requirements. (*every other year)

281 Technical Writing (4) (W)

Prerequisite: ENG 101. Involves guided practice in the major forms of technical communication (i.e., instructions, scientific descriptions, proposals, and research and analysis reports) for successful writing on the job. May not be used to satisfy general curriculum distribution requirements. (*spring semester of odd-numbered years)

340 Screenwriting (4) (W)

Prerequisite: WRI 225 or 240. Covers the elements of writing feature film scripts, including character development, dialogue and dramatic structure. Equivalent to COM 340. (* every year)

350 Poetry Writing Workshop (4) (W)

Prerequisite: WRI 250 or 251, or consent of instructor. Involves advanced training in poetry writing, as well as directed reading and discussion of modern poetry. May be repeated for advanced credit with portfolio by permission of instructor. (* as needed)

360 Seminar in Fiction Writing (4) (W)

Prerequisite: WRI 260 or 261, or consent of instructor. Involves advanced training in fiction writing, as well as directed reading and discussion of modern fiction. May be repeated for advanced credit with portfolio by permission of instructor. (* every other year)

362 Seminar in Creative Writing (4) (W)

Prerequisite: WRI 250, 251, 260 or 261, or consent of instructor. A workshop/seminar for advanced creative writing students, involving prose, poetry, experimental forms, reading work aloud and publication of work. May be repeated for advanced credit with portfolio by permission of instructor. (*as needed)

382 Writing for Advertising and Public Relations (4) (W)

Involves training in theory, form and style for writing advertising and public relations copy, including ads and press releases for both print and broadcast media. (*once each year)

455-459 Directed Poetry Writing (1-4) (W)

Prerequisite: WRI 350 or evidence of readiness for book publication. Involves preparation of a book of poems to submit to publishers.

465-469 Directed Fiction Writing (1-4) (W)

Prerequisite: WRI 360 or consent of instructor. Involves individual advanced training and supervision of fiction writing.

485-489 Directed Career Writing (1-4) (W)

Prerequisite: WRI 270, 280 or 281, or consent of instructor. Involves advanced training in professional writing on the job or for freelance markets, with emphases on flexibility and practicality of topic and style. May not be used to satisfy general curriculum distribution requirements.

495 Writing Internship (1-10)

Open only to juniors and seniors. Prerequisites: consent of full-time member of writing faculty and department chairperson. Involves closely supervised on-the-job training in career writing. May be repeated for a maximum of 10 semester hours of credit, eight of which may count toward the writing major. Students must apply for the internship one semester in advance. May not be used to satisfy general curriculum distribution requirements.

510 Professional Writing and Research Techniques (3)

For graduate or post-baccalaureate students only. A writing course designed to help students prepare for MBA graduate study. Includes instruction on design, research, writing, revising and editing of specific forms of written communication for business and business courses. Equivalent to MGT 510.