UNDERGRADUATE COURSES

COURSE NUMBER SYSTEM

Each course is assigned a number for identification purposes. A four-digit prefix identifies the college and the subject area. The prefix is followed by a three-digit number that identifies the particular course. This number is coded to give the level of the course. The following table gives that breakdown.

College Codes

A, T, U – Z	Arts and Sciences
B	Business Administration
H	Honors
M	Music
C	City College
G	Special Programs (Any course may be offered with special permission through Special Programs. These courses carry academic credit.)

COURSE NUMBERING SEQUENCE

Number	Level of Instruction
001 – 099	Pre-college Level or Remedial Courses
100 – 199	Introductory Courses
120 – 129	Introductory Common Curriculum Courses in the College of Arts and Sciences
130 – 199	Advanced Common Curriculum Courses in the College of Arts and Sciences
200 – 299	Introductory and Intermediate Courses
300 – 399	Intermediate and Advanced Courses
400 – 499	Advanced Courses
600 – 699	Introductory Graduate Courses
700 – 799	Intermediate Graduate Courses
800 – 899	Advanced Graduate Courses

ACCOUNTING

Business Administration

ACCT B202 Financial Accounting 3 crs.
This course covers the fundamental concepts and reports of the accounting process with the primary emphasis on meeting external reporting requirements. The techniques of recording transactions, analyzing the detailed elements of the primary financial statements, and preparing information in decision making. Offered in the fall and spring.
Prerequisite: MATH 092, if required.

ACCT B203 Managerial Accounting 3 crs.
This course covers the preparation of accounting information with a primary emphasis on meeting the needs of internal users. Topics include product/service costing methods, activity-based costing, cost-volume-profit analysis, budgeting, responsibility costing, transfer pricing, and performance measurement and evaluation. Offered in the fall and spring.
Prerequisite: ACCT B202.

ACCT B205 Intermediate Accounting I 3 crs.
This course is an introduction to accounting theory underlying financial statements. Emphasis is on the study of accounting principles relating to presentation of cash, receivables, inventories, and debt and equity investments in corporate securities. Offered in the fall and spring.
Prerequisites: ACCT B202 and B203 with grade of C or above.

ACCT B206 Intermediate Accounting II 3 crs.
This is a continuation of ACCT B205. Topics include plant and equipment, intangibles, current and long-term liabilities, deferred taxes, pensions, and leases. Offered in the spring.
Prerequisite: ACCT B205 with a grade of C or above.

ACCT B300 Federal Tax Accounting 3 crs.
This course examines the concepts and methods of determining federal income tax liability for individuals. Topics emphasized include determination of gross income, personal deductions, tax credits, capital gain and loss provisions, the alternative minimum tax, penalty taxes, tax free exchanges, and selected international topics. Offered in the fall.
Prerequisite: junior standing.

ACCT B307 Intermediate Accounting III 3 crs.
This course is also a continuation of ACCT B205. Topics include stockholders' equity and earnings per share, income recognition, statement of cash flows, accounting changes and errors, and governmental/not-for-profit accounting. Offered in the fall.
Prerequisites: ACCT B205 with a grade of C or above; junior standing.

ACCT B340 Accounting Information Systems 3 crs.
The major emphasis of this course is directed toward the problems of integrating automatic data processing and accounting information systems. Problems inherent in the development of systems are also covered. Offered in the fall.
Prerequisites: ACCT B205; junior standing.

ACCT B400 Advanced Accounting 3 crs.
Application of accounting principles for parent/subsidiary companies, intercompany transactions, and foreign operations are discussed. Accounting for partnerships is also covered. Offered in the spring.
Prerequisites: ACCT B205 with a grade of C or above; junior standing.

ACCT B403 Auditing Principles 3 crs.
Philosophy, concepts, and techniques used by independent auditors are discussed in this course. Also included are professional ethics and legal relationships, study and evaluation of internal control, audit program applications, and statistical sampling. Offered in the spring.
Prerequisites: ACCT B205, ACCT B340; junior standing.

ACCT B410 Cost Accounting 3 crs.
The course emphasizes the uses of cost accounting in cost determination for job order, process, and standard cost systems as well as activity-based costing. It discusses the control and analysis of materials, labor, and factory overhead, and introduces budgeting, cost-volume-profit, and relevant costing. Offered in the fall.
Prerequisites: ACCT B203; junior standing.

ACCT B493 Special Topics in Accounting 3 crs.
Prerequisite: junior standing.

ACCT B497 Accounting Internship 1 - 6 crs.
See description in *College of Business Administration* section.

ACCT B499 Independent Study in Accounting arr.
See description in *College of Business Administration* section.

BIOLOGY

Arts and Sciences

BIOL A106 Cells and Heredity 3 crs.
This course emphasizes the principles and concepts of chemical, cellular, and genetic processes common to all life. Topics include the scientific method, basic chemical concepts, macromolecules, prokaryotic and eukaryotic cell structure, membrane structure, energy and metabolism, meiosis, mitosis, Mendelian inheritance, and the Central Dogma.

BIOL A108 Biology of Organisms 3 crs.
This course compares the biology of microbes, plants, and animals focusing on morphology, physiology, reproduction, and natural history.
Prerequisite: BIOL A106.
Co-requisite: BIOL A109, A110.

BIOL A109 Biology of Organisms Lab 1 cr.
This course examines the diversity of life through field trips, demonstrations, dissections, and experimental activities. Form and function of microbes, plants, and animals will be compared to demonstrate how organisms have adapted to their environments.
Prerequisite: BIOL A106.
Co-requisites: BIOL A108, A110.

BIOL A110 Biology of Organisms Recitation 1 cr.
This course meets one hour a week and complements the BIOL A109 laboratory, reviewing background and procedures for the weekly lab and discussing results from previous weeks' laboratories.
Prerequisite: BIOL A106.
Co-requisites: BIOL A108, A109.

BIOL A118 Tropical Ecology 3 crs.
Two weeks will be spent in the field in Belize, Guatemala, or Trinidad studying the plants and animals in several different ecological zones: coral reefs, pine savannah, rain forest, and mangrove swamps. A paper on the ecology of the area will be written after returning from the expedition.

BIOL A205 Cell and Molecular Recitation 1 cr.
This course meets one hour a week and complements the BIOL A207 laboratory, reviewing background and procedures for the weekly lab and discussing results from previous weeks' laboratories.
Prerequisites: BIOL A106 - A110.
Co-requisites: BIOL A206, A207.

BIOL A206 Cell and Molecular Biology 3 crs.
This course emphasizes current concepts and principles of cell and molecular biology and their experimental bases. Topics include DNA replication, transcription, translation, gene regulation, recombinant DNA technology, organelles, cell communication, the cytoskeleton, the cell cycle, and the cellular aspects of immunity.
Prerequisites: BIOL A106 - A110.
Co-requisites: BIOL A205, A207.

BIOL A207 Cell and Molecular Lab 1 cr.
Students investigate cell structure and function using the methods of molecular and cellular biology. The approach emphasizes student-designed experiments, data collection and analysis, oral and written presentation, and use of the scientific literature.
Prerequisites: BIOL A106 - A110.
Co-requisite: BIOL A205, A206.

BIOL A208 Ecology and Evolution 3 crs.
This course introduces current concepts and principles of ecology and evolution. Animal behavior, populations, communities, ecosystems, biogeography, natural selection, speciation, the history of life, human evolution, and other topics will be studied through lectures, readings, discussion, and a field trip.
Prerequisites: BIOL A106 - A110, A205 - A207.

BIOL A300 Microbiology 3 crs.
Bacteriological technique, the classification and study of the properties of important protists, fungi, and bacteria, will be discussed. The principles of immunity, serology, and virology are also considered.
Prerequisites: Completion of biology core courses; two years of chemistry including Organic Chemistry.
Co-requisite: BIOL A301.

BIOL A301 Microbiology Lab 1 cr.
Laboratory experience that meets three hours per week in conjunction with BIOL A300.
Prerequisites: Completion of biology core courses; two years of chemistry including Organic Chemistry.
Co-requisite: BIOL A300.

BIOL A303 Comparative Anatomy of the Vertebrates 2 crs.
Through lectures, demonstrations, and dissections, vertebrate structure is analyzed in terms of phylogeny and function.
Prerequisites: Completion of biology core courses or permission of instructor.
Co-requisite: BIOL A304.

BIOL A304 Comparative Anatomy— Vertabrate Lab 2 crs.
Laboratory experience that meets four hours per week in conjunction with BIOL A303.
Prerequisite: Completion of biology core courses.
Co-requisite: BIOL A303.

BIOL A305 Histology 2 crs.
The study of the microscopic structure of tissues and organs of the mammalian body and the study of the fundamentals of hematology will be the focus of this course.
Prerequisite: Completion of biology core courses.
Co-requisite: BIOL A306.

BIOL A306 Histology Lab 2 crs.
Laboratory experience that meets four hours per week in conjunction with BIOL A305.
Prerequisite: Completion of biology core courses.
Co-requisite: BIOL A305.

BIOL A308 Developmental Biology 3 crs.
Events and mechanisms of developmental genetics, gametogenesis, fertilization, morphogenesis, and organogenesis in selected vertebrates and invertebrates will be examined. The laboratory includes experimental approaches to the study of development.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A309.

BIOL A309 Developmental Biology Lab 1 cr.
Laboratory experience that meets three hours per week in conjunction with BIOL A308.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A308.

BIOL A310 General Physiology 2 crs.
This course is an introductory study of physio-chemical processes in cells, tissues, and organs.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A311.

BIOL A311 General Physiology Lab 2 crs.
Laboratory experience that meets four hours per week in conjunction with BIOL A310.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A310.

BIOL A312 Anatomy and Physiology 4 crs.
Anatomy and Physiology focuses on the interrelationships of the structural components of the human body to their function at the cellular, tissue, organ, and organ system level. Particular emphasis is placed on study of mechanisms responsible for maintaining homeostasis in the human body. Designed for allied health and other pre-health professional students.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A313.

BIOL A313 Anatomy and Physiology Lab 2 crs.
Laboratory experience that meets four hours per week in conjunction with BIOL A312.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A312.

BIOL A322 Population Genetics 3 crs.
This is an advanced course dealing with methods of measuring and expressing the genetic variation within and among natural populations. The course focuses on the Hardy-Weinberg equilibrium and how various factors modify it including selection, inbreeding, genetic drift, migration, and mutation.

BIOL A324 Evolutionary Biology 3 crs.
This course for majors addresses topics in Darwinian evolution, mechanisms of evolutionary change and speciation, life history characters, and others. Emphasis is placed on an understanding of how evidence from various disciplines such as morphology, genetics, ecology, development, and geology supports the evolutionary synthesis.
Prerequisite: completion of biology core courses.

BIOL A326 Molecular Genetics 3 crs.
Fundamentals of molecular genetics such as: transcription, DNA synthesis and repair, and RNA processing will be discussed. Through review and discussion of scientific literature and laboratory experience, students will learn the process of scientific investigation, recent findings, and new technologies in the field of molecular genetics.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A327.

BIOL A327 Molecular Genetics Lab 1 cr.
Laboratory experience that meets three hours per week in conjunction with BIOL A326.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A326.

BIOL A328 Genetic Analysis 3 crs.
This course for majors addresses advanced topics in transmission genetics, cytogenetics, evolutionary genetics, and mutagenesis. Emphasis is placed on development of quantitative skills and written and oral communication.
Prerequisite: completion of biology core courses.

BIOL A330 Ecology 3 crs.
Basic ecological principles and concepts are considered including the nature of the ecosystem, energy flow, biogeochemical cycles, and the ecology of populations and communities.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A331.

BIOL A331 Ecology Lab 1 cr.
Field and laboratory experience that meets four to five hours per week in conjunction with BIOL A330.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A330.

BIOL A334 Biology of Fishes 3 crs.
This course examines phylogenetic relationships, functional morphology, physiology, sensory biology, reproduction, behavior, ecology, biogeography, and conservation of fishes. Special emphasis will be placed on identification and natural history of Louisiana's freshwater and marine fishes through field trips and laboratory exercises.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A335.

BIOL A335 Biology of Fishes Lab 1 cr.
Field and laboratory experience that meets three hours per week in conjunction with BIOL A334.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A334.

BIOL A336 Animal Behavior 3 crs.
This course examines behavioral adaptations of animals and critically evaluates hypotheses to account for the evolution of these adaptations. Student activities emphasize field observation of animal behavior, experimental design, and scientific communication.
Prerequisite: completion of biology core courses.

BIOL A345 Herpetology 2 crs.
Introduction to the study of morphology, adaptation, classification, distribution, and ecology of amphibians and reptiles. Field work and identification of North American groups and field studies of local fauna.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A346.

BIOL A346 Herpetology Lab 2 crs.
Field and laboratory experience that meets six hours per week in conjunction with BIOL A345.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A345.

BIOL A350 Phycology 3 crs.
This course is an introduction to the field and laboratory study of algae. An ecological perspective is used to explore the diversity of photosynthetic microbes forming the energy base of aquatic habitats, including environmental and economic concerns. Labs include living materials, field collection, culturing, and experimental analysis.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A351.

BIOL A351 Phycology Lab 1 cr.
Field and laboratory experience that meets three hours per week in conjunction with BIOL A350.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A350.

BIOL A352 Biology of Protists 3 crs.
This is an advanced course exploring eukaryotic microbial diversity. An evolutionary perspective is used to survey the cellular diversity and ecology of algae, protozoa, and selected fungi, and the origin of eukaryotic cells. Labs include living and preserved materials, field collecting, culturing, and data analysis.
Elective course for majors.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A353.

BIOL A353 Biology of Protists Lab 1 cr.
Field and laboratory experience that meets three hours per week in conjunction with BIOL A352.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A352.

BIOL A355 Conservation Biology 3 crs.
The study of the conservation of biodiversity based in the principles of ecology, evolution, and genetics. The primary goal is to understand natural ecological systems in the context of a human dominated world to learn to best maintain biological diversity in concert with an exploding human population. This is accomplished through lecture, socratic discussion, and videos.
Prerequisite: completion of biology core courses.

BIOL A360 Cell Biology 3 crs.
An analysis of cell structure and function. Topics to be discussed include protein synthesis, the nucleus, cytoplasmic organelles and bioenergetics, endomembrane systems, vesicular transport, the cytoskeleton, cell signaling, cell cycle control, and cancer.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A361.

BIOL A361 Cell Biology Lab 1 cr.
Laboratory experience that meets three hours per week in conjunction with BIOL A360.
Prerequisite: completion of biology core courses.
Co-requisite: BIOL A360.

BIOL A363 Virology 3 crs.
Virology will cover cell and molecular biology of animal virology in detail. Topics to be addressed include virus structure, replication, pathogenesis, taxonomy, viral transformation, and cancer with specific virus families explored in depth. Some epidemiology, including recent research of specific viruses in the news, will be explored.
Prerequisite: completion of biology core courses.

BIOL A365 Immunology 3 crs.
The field of experimental cellular and molecular immunology will be explored in this course. Clinical immunology will not be emphasized. Topics include: organization of the immune system, structure and function of antigen recognition molecules, immune cell interactions, and regulation of the immune system and immunity-related diseases.
Prerequisite: completion of biology core courses.

BIOL A370 Introduction to Marine Science 4 crs.
This course is an introduction to physical, chemical, geological, and biological processes in the oceans and coastal environments and their interactions. Interrelationships of man and the marine environment. Five-week summer course at LUMCON in Cocodrie, La.
Prerequisite: completion of biology core courses.

BIOL A375 Introduction to Marine Zoology 4 crs.
This course is a field and laboratory survey of marine animals, particularly those of the Louisiana Gulf Coast, including classification, morphology, physiology, and ecology. Five-week summer course at LUMCON in Cocodrie, La.
Prerequisite: completion of Biology Core Courses.

BIOL A400 Research Proposal 1 cr.
Students work with a faculty research adviser to identify an original question in the biological sciences and develop and write a proposal/prospectus to investigate this question. This course is required of all biology honors students and students intending to complete a thesis in biological sciences.

BIOL A401 Independent Research 1 – 4 crs.
Students work with a faculty research adviser to conduct theoretical, field, and/or laboratory research. Students may register for one to four credit hours per semester and may enroll in this course in more than one semester, but the cumulative total credit hours earned may not exceed four.

BIOL A402 Research Thesis 1 cr.
Students work with a faculty research adviser to prepare a written thesis describing their original research and make an oral presentation at the undergraduate research symposium. This course is required of all biology honors students and students intending to complete a thesis in biological sciences.
Prerequisite: BIOL A400.
Co-requisite: BIOL A401.

BIOL A442 Marine Invertebrate Zoology 4 crs.
This course is a general study of the classification, structure, function, and ecology of marine and estuarine invertebrates, emphasizing field studies on the Louisiana Gulf Coast. Five-week summer course at LUMCON in Cocodrie, La.
Prerequisite: BIOL A370 or A375.

BIOL A444 Marine Vertebrate Zoology 4 crs.
General study of the marine chordates with particular emphasis on the fishes, including classification, structure, function, and ecology will be the focus of this course. Five-week summer course at LUMCON in Cocodrie, La.
Prerequisite: BIOL A370 or A375.

BIOL A446 Marine Ecology 4 crs.
This course concerns the relationships of marine and estuarine organisms to environmental factors: interactions among organisms, ecological processes of energy and materials flow, communities, and ecosystems of the Louisiana Coastal Zone. Five-week summer course at LUMCON in Cocodrie, La.
Prerequisite: BIOL A370 or A375.

BIOL A448 Topics in Marine Science 1 cr.
This course is an advanced lecture, laboratory, and field work on a selected topic in the marine sciences. Two- to three-week summer course at LUMCON in Cocodrie, La.
Prerequisite: BIOL A370 or A375.

BIOL A499 Independent Study arr.

BIOL H233 Honors: Human Ecological Biology 3 crs.
Common Curriculum: University Honors Program.
This in-depth course covering the ecological impact of humans on the biosphere is innovative in content, design, and topic. Through discussion, field trips, lab-setting demonstrations, films, debates, and readings, students learn the world of ecological science by active participation for application to issues of global, regional, and local concern.

BIOL T122 Cultural Biology 3 crs.
Common Curriculum: Introductory
The range of subject matter for this course concerns survey of plant and animal taxonomic groups; survey of major organ and other structural systems in man; introduction to principles of genetics, ecology, and evolution.

BIOL T123 Cultural Biology Lab 1 cr.
Common Curriculum: Introductory
For education students.

BIOL Z130 Human Ecology 3 crs.
Common Curriculum: Natural Sciences Modern
This course is a consideration of the basic concepts of ecology, including the nature of ecosystems, energy flow, biogeochemical cycles, and characteristics of populations and communities of organisms. The role of humans in the ecosphere will be emphasized, with particular attention to human population problems, food production, and pollution problems.

BIOL Z132 Impact Biology Society 3 crs.
Common Curriculum: Natural Sciences Modern
This course examines moral problems biology brings to society—e.g., abortion, "test-tube" babies, mouse with four parents, mouse-human cell hybrids, artificial life support for terminally ill, dangers and promise of recombinant DNA, building of artificial genes, and cloning. Effects of these areas on our lives will be considered.

BIOL Z136 Evolution 3 crs.
Common Curriculum: Natural Sciences Modern
This course examines the issues relating to the changes in life forms during the history of life on earth. Concepts are illustrated using examples from living systems and the fossil record. Human evolution also is considered. Designed for non-biology students.

BIOL Z138 Genetics and Society 3 crs.
Common Curriculum: Natural Sciences Modern
This course studies the basis of heredity and reproduction with a primary focus on human aspects. Recent genetic research and its application to medicine, industry, and agriculture. Social and ethical considerations of current genetic research and practices.

BIOL Z142 Microbes: Friend or Foe? 3 crs.
Common Curriculum: Natural Sciences Modern
This course is designed to relate daily living to the activities of the microbial world. Topics of discussion include: infectious diseases including sexually transmitted diseases, vaccines and immunity, antibiotics and disease treatment, pollution, food production and spoilage, viruses and cancer, and developments in biotechnology.
Prerequisite: High school biology.

BIOL Z144 Mississippi River Delta Ecology 3 crs.
This course is a basic study of the ecology of the Mississippi River deltaic plain. Emphasis is on the importance of costal erosion, accompanied by study of the physical and biological aspects of the Mississippi River, its delta, estuaries, and their habitats, flora and fauna, and relevant environmental issues. The course is designed to enhance the student's understanding of the relevance of the ecology of the Mississippi River Delta to the activities of humans.

City College

BIOL C270 Biology for Today 3 crs.
This course is a lecture demonstration course designed to acquaint non-majors with current trends in the biological sciences.

BUSINESS ADMINISTRATION

Business Administration

BA B100 Introduction to Business 3 crs.
The course introduces the nature of business and its complexities in the context of the environment in which it operates. Subjects covered include ownership forms, organization, management, marketing, accounting, financial institutions, labor relations, basic word processing, e-mail, spreadsheets, data base, library resources, and small businesses.
Co-requisite for business majors only: BA B102.

BA B101 Business Communications 3 crs.
The purpose of this course is to improve the students' ability to create successful communication products—both written and oral. Topics include word processing applications, the process for successful communication, business writing, report writing using style guidelines, résumé writing, Internet, and presentation skills. The course will also focus on multicultural sensitivity, ethical considerations, collaborative writing, and career issues.
Prerequisites: ENGL T122, BA B100.

BA B102 Introduction to Business Lab 0 crs.
This lab introduces the student to the technology that plays an important role in the world of business. The lab also includes coverage of resources for career development.
Co-requisite for business majors only: BA B100.

BA B400 Global Startups 3 crs.
This course is designed to enhance the student's analytical, research, communication, and entrepreneurial skills via two methods—first, in-depth discussions of concepts and cases focusing on the opportunities, challenges, and strategies pursued by small and/or new international ventures; and second, an applied research project whereby students design and defend global strategic plans (specifying the financial, marketing, human, technological, and operational resources) with which to take advantage of an attractive business opportunity identified in the first part of the course. Offered in the spring.
Prerequisites: FIN B300, MGT B325, MKT B280; senior standing.

BA B405 New Venture Funding 3 crs.
In this course, students develop skills that enable them to manage the specific funding issues that cause greatest concern for new and growing ventures. Primary topics are securing funding for a developing venture, developing a financial plan to present when seeking funding, establishing successful banking relationships, use of accounting software packages, cash flow management, and credit and collections. The course will be applied in nature and will build on prior work in accounting and finance in the CBA core curriculum. Students will develop entrepreneurial skills by combining analytical skills with intuition and creative problem solving techniques.
Prerequisites: MGT B345, MKT B280.

BA B410 Business Plan Development 3 crs.
In this course, students develop skills that enable them to develop and present superior business plans to use when seeking funding for new ventures. Students will work with business owners, bankers, venture capitalists, and other professionals in developing these business plans. Primary topics are (1) expanding on the basic business plan developed in prior course work, (2) using the business plan to secure funding, and (3) competing with other proposed ventures for funding. Student teams will compete among themselves for the right to represent the CBA in business plan competitions with students from other universities. The course will be applied in nature and will build on prior work in the basic business core of the CBA and the Small and New Venture class, MGT B430. Students will develop skills needed to develop actual new venture business plans by combining analytical skills with intuition and creative problem solving techniques.
Prerequisites: MGT B430, MKT B280.

BA B415 Business Ethics 3 crs.
This course examines the sources of societal pressure, business reaction, and the community's expectation. The entire spectrum of corporate and government activities are discussed against the framework of the demands made on the firm and government by forces outside of the marketplace.
Prerequisites: ECON B201, MGT B345, PHIL V152 or C364.

BA B435 Multinational Business Strategy 3 crs.
This course is designed to enhance the student's analytical, research, communication, and strategic skills via two methods—first, in-depth class discussions of concepts and cases focusing on the opportunities, challenges, and strategies pursued by large multinationals; second, an applied research project whereby students formulate and defend a global strategic plan for a company, after performing a strategic audit and assessing the forces and trends shaping the future of the industry in which it operates. Offered in the fall.
Prerequisites: FIN B300, MGT B325, MKT B280; senior standing.

BA B445 Business Policy and Strategy 3 crs.
The purposes of this course are to (1) provide students with the opportunity to integrate the skills acquired in prior course work in analyzing the internal and external environments of organizations and (2) have students learn how to formulate and implement strategies that will allow a firm to compete successfully within its environment. Offered in the fall and spring.
Prerequisites: FIN B300, MGT B325 (ACCT B410 for accounting majors), MGT B345, MKT B280.

BA B493 Special Topics 3 crs.
Prerequisite: junior standing.

BA B497 Internship 1 - 6 crs.
See description in *College of Business Administration* section.

BA B499 Independent Study arr.
See description in *College of Business Administration* section.

CHEMISTRY

Arts and Sciences

CHEM A105 General Chemistry I Lecture 3 crs.
This course is a basic one-year course in the fundamental principles of general chemistry. This is the first chemistry course for all science majors and includes the history of chemistry, the development of modern atomic theory, chemical bonding and structure, and the nature of matter and physical states. Included is an introduction to thermodynamics and kinetics with a more thorough development of equilibria concepts. Descriptive chemistry is liberally sprinkled throughout the course.
Prerequisite: Eligibility to take MATH A257. Co-requisite: CHEM A107.

CHEM A106 General Chemistry II Lecture 3 crs.
Same description as CHEM A105.
Prerequisite: CHEM A105, CHEM A107.

CHEM A107 General Chemistry I Laboratory 1 cr.
This lab involves experiments to accompany General Chemistry Lecture. One three-hour laboratory period per week.
Prerequisite: CHEM A105 or co-registration in CHEM A105.

CHEM A108 General Chemistry II Laboratory 1 cr.
Same description as CHEM A107. Also includes qualitative analysis.
Prerequisite: CHEM A106, CHEM A107, or co-registration in CHEM A106.

CHEM A300 Organic Chemistry I Lecture 3 crs.
This is an intensive course in organic chemistry covering structural theory, organic reaction mechanisms, stereochemistry, and reactions of organic compounds.
Prerequisite: CHEM A105 – A108 or permission of department chair.

CHEM A301 Organic Chemistry II Lecture 3 crs.
Same description as CHEM A300.
Prerequisite: CHEM A300.

CHEM A302 Organic Chemistry Lab I 2 crs.
This is a laboratory course to accompany CHEM A300 – A301. Introduction to laboratory techniques of organic chemistry: preparations, separations, and identification of organic compounds. Two three-hour laboratory periods per week.
Prerequisite: CHEM A300 or co-registration in CHEM A300.

CHEM A303 Organic Chemistry Lab II for Chemistry Majors 2 crs.
Same description as CHEM A302.
Prerequisite: CHEM A301 or co-registration in CHEM A301.

CHEM A305 Organic Chemistry Laboratory 2 crs.
This is a laboratory course for non-chemistry science students to accompany CHEM A301. Introduction to laboratory techniques of organic chemistry: simple preparations, separation, and identification of organic compounds. Two three-hour laboratory periods per week.
Prerequisite: CHEM A301 or co-registration in CHEM A301.

CHEM A306 Physical Chemistry I Lecture 3 crs.
This course is a general survey of physical chemistry stressing thermodynamics, phase and chemical equilibria, electrochemistry, and kinetics.
Prerequisites: CHEM A105 – A108, MATH A257, A258, CHEM A301, or permission of instructor.

CHEM A307 Physical Chemistry II Lecture 3 crs.
This is an advanced course in physical chemistry treating elementary quantum theory and spectroscopy with an introduction to statistical thermodynamics.
Prerequisites: CHEM A105 – A108, MATH A257, A258, PHYS A110, A111, CHEM A306, or permission of instructor.

CHEM A310 Organic Chemistry Laboratory I 1 cr.
This is a laboratory course for chemistry and non-chemistry science students to accompany CHEM A301. Introduction to laboratory techniques of organic chemistry: simple preparations, separation, and identification of organic compounds. Three-hour laboratory four days per week. Offered in the summer only.
Prerequisite: CHEM A300 or co-registration in CHEM A300.

CHEM A311 Organic Chemistry Laboratory II 1 cr.
This is a laboratory course for chemistry and non-chemistry science students to accompany CHEM A301. Introduction to laboratory techniques of organic chemistry: simple preparations, separation, and identification of organic compounds. Three-hour laboratory four days per week. Offered in the summer only.
Prerequisite: CHEM A301 or co-registration in CHEM A301.

CHEM A320 Integrated Laboratory I 3 crs.
This is an advanced laboratory with one hour of recitation each week for all chemistry majors. The lecture and experiments cover a wide range of techniques and topics including chemical literature, inorganic synthesis and characterization, photochemistry, titrations, kinetics, extractions, magnetic susceptibility, TLC, UV-Vis, crystal field theory, mass spectrometry, and chromatography.
Prerequisites: CHEM A301, A303.

CHEM A330 Integrated Laboratory II 2 crs.
This course is an advanced chemistry laboratory that involves structural analysis, thermodynamics, chemical separations, electrochemistry, advanced kinetics, and spectroscopy. Classical and modern spectroscopic techniques, such as UV-Vis, FT/IR, and LIF are employed along with molecular modeling techniques. The semester concludes with a special project derived from the chemical literature.
Prerequisites: CHEM A303, A306.

CHEM A350 Inorganic Chemistry I 3 crs.
This lecture course is designed to introduce various topics in inorganic chemistry. The topics covered will include atomic structure, symmetry and group theory, introduction to ionic and covalent bonding models in coordination complexes, acid-base theories, aqueous chemistry, electrochemistry, and an introduction to bioinorganic chemistry.
Prerequisite: CHEM A301.

CHEM A400 Biochemistry I Lecture 3 crs.
This course is a detailed description of the structure and function of the major classes of biological macromolecules: proteins, nucleic acids, lipids, and sugars. Physical, chemical, experimental, and mechanistic aspects of macromolecules and their behavior are emphasized based on an understanding of the underlying principles of bonding, equilibria, thermodynamics, and kinetics. Topics covered include protein structure and folding, experimental methods used to characterize and manipulate proteins and DNA, allostery and other types of regulation, molecular disease, enzyme mechanism and inhibition, and membranes.
Prerequisites: CHEM A300, A301.

CHEM A401 Biochemistry II Lecture 3 crs.
This course is a thorough coverage of metabolism and metabolic regulation. It begins with a brief review and expanded treatment of concepts from the first semester course of particular relevance to the study of metabolism such as energetics, membranes and membrane transport, receptors, and enzymes and their regulation. Topics covered include vitamins and cofactors, glycolysis, TCA cycle, oxidative phosphorylation, glycogen metabolism, gluconeogenesis, photosynthesis, and the metabolism of fatty acids, lipids, amino acids, and nucleotides. Emphasis is placed on understanding the chemical conversions involved, the interplay between various metabolic processes, and on understanding a variety of metabolic diseases.
Prerequisites: CHEM A300, A301, A400.

CHEM A402 Techniques in Biochemistry 1 cr.
Selected chemical and instrumental techniques will be performed by students based on lecture material covered in CHEM A400. Topics covered will include methods to label or sequence proteins, optical methods, NMR spectroscopy, enzyme kinetics and inhibition, column chromatography, introduction to basic molecular biology methods, and acrylamide and agarose gel electrophoresis.
Prerequisites: CHEM A302, A400.

CHEM A415 Modern Analytical Chemistry 3 crs.
This combined lecture/lab course applies the principles of analytical chemistry to instrumental methods of analysis. The goal will be to provide the student with an introduction to the principles of spectroscopic, electrometric, and chromatographic methods of analysis. We will discuss the kinds of instruments that are available and the strengths and limitations of these instruments. We will focus on spectrometric, chromatographic, and electrochemical techniques such as: AA, UV/VIS/NIR, fluorometry, GC, GC/MS, HPLC, and CV.
Prerequisite: CHEM A306 or permission of instructor.

CHEM A455 Inorganic Chemistry II 3 crs.
This course will cover advanced topics in inorganic chemistry. Topics will emphasize structure function relationships in inorganic substances. These topics will include 1) bonding, electronic spectra, magnetism, kinetics, reaction mechanisms, and structure of coordination compounds; 2) organometallic chemistry; 3) solid state chemistry including polymers; 4) bioinorganic chemistry; and 5) catalysis.
Prerequisites: CHEM A307, A350.

CHEM A493 Oral Presentation 1 cr.
This course is designed to strengthen the student's oral and writing skills in technical communication. A secondary objective is to practice skills retrieving data from the chemical literature in both written and electronic form. The course requires one paper and one oral presentation at the departmental seminar.
Prerequisites: CHEM A303, A320, or permission of instructor.

CHEM A495 Special Project arr.
This course focuses on the creative or productive efforts of one or more students. A special project is distinguished from a research project in its lack of the historical or experimental method and perspective characteristics of research.

CHEM A496 Seminar/Workshop arr.
A seminar is a supervised group of students sharing the results of their research on a common topic. A workshop is a supervised group of students participating in a common effort.

CHEM A497 Internship/ Practicum arr.
An internship is supervised practical experience. A practicum is supervised practical application of previously studied theory.

CHEM A498 Research arr.
All majors are encouraged to, and honors program students must, register for one to three credit hours for each semester starting with the second semester of their sophomore years for a total of four credit hours. Credit will be prorated on the basis of one credit hour for four hours devoted to research.
Prerequisite: Permission of chairperson.

CHEM A499 Independent Study arr.

CHEM T122 Introduction to Chemistry 3 crs.
Common Curriculum: Introductory
This course is an introduction to chemistry for non-scientists that they may be concerned, clear thinking citizens. In a complex scientific and technological society, an average person must be able to understand chemistry-related problems, e.g., food, energy, pollution, ozone depletion, global warming, space exploration, drugs, medicinals, genetic engineering, and even life itself.

CHEM Z130 World Food and Nutrition 3 crs.
Common Curriculum: Natural Sciences Modern
This course is a brief review of nutritional requirements of Homo sapiens and a historical review of how male and female members of the species have met these requirements, individually and collectively. This review will serve as a background for intensive discussion of the modern world food situation and possible future solutions.

City College

CHEM C105 General Chemistry I Lecture 3 crs.
This is a basic course in the fundamental principles of general chemistry.

CLASSICAL STUDIES

Arts and Sciences

CLHU U132 Socrates and Jesus 3 crs.
Common Curriculum: Humanities/Arts Premodern
Thoughts of Socrates and Jesus will be examined in the writings of their disciples and contemporaries. Discussions compare and contrast the lives, deaths, and teachings of these teachers.

CLHU U138 Justice in Greek Literature 3 crs.
Common Curriculum: Humanities/Arts Premodern
Justice is the foundation of civilized society. It is at once the condition and means of concord and harmony among men. Greek poets and philosophers were among the first to investigate the nature of justice. Examination of their writings on this subject can alert latter-day students to its importance and to its nature.

CLHU U142 The Development of Greek Tragedy 3 crs.
Common Curriculum: Humanities/Arts Premodern
This course involves the reading in English of a selection of plays by Aeschylus, Sophocles, and Euripides and their relationship to the development of Greek theater and performance.

CLHU U144 The Greek and Roman Epic 3 crs.
Common Curriculum: Humanities/Arts Premodern
This course is a survey in English of Greek and Latin epics, such as the works of Homer, Virgil, Apollonius of Rhodes, and Lucan.

CLHU U146 Greek Mythology 3 crs.
Common Curriculum: Humanities/Arts Premodern
This course is a study of the origins, themes, and significance of Greek mythology, with emphasis on myth as a vestige of primitive thought and on the corpus of Greek myths as a source of Greek and Roman literature.

CLHU U148 Greek Art and Archaeology 3 crs.
Common Curriculum: Humanities/Arts Premodern
A survey of artistic works and monuments of ancient Greece from the Geometric through the Hellenistic periods (c. 1000 – 50 B.C.) with an emphasis on stylistic developments in the main areas of painting, sculpture, and architecture.

CLHU U150 Roman Art and Archaeology 3 crs.
Common Curriculum: Humanities/Arts Pre-modern
A survey of the most important works of art and monuments of ancient Rome from the beginnings of the city through the period of Constantine, emphasizing stylistic developments in the areas of sculpture, architecture, and painting, with some consideration of materials and techniques. Works of the Etruscans, Greeks, and Italic peoples will be considered for their influence.

CLHU U156 Greek Elegies and Lyrics 3 crs.
Common Curriculum: Humanities/Arts Pre-modern
This course is an introduction to lyric and elegiac forms of individual poetic expression. Consideration will be given to the technical terms referring to the poems studied, their themes, and performance. Authors include Archilochus, Tyrtaeus, Alcaeus, and Sappho among others.

CLHU U157 Greek Culture 3 crs.
Common Curriculum: Humanities/Arts Pre-modern
This course will examine the literature, culture, history, art, and daily life of the Greeks from the Minoan period to the rule of Alexander the Great. Course work will include readings in Greek literature in translation and secondary texts and assignments using Internet resources such as Perseus 2.0.

CLHU U158 Roman Culture 3 crs.
Common Curriculum: Humanities/Arts Pre-modern
This course examines the literature, culture, history, politics, and daily life of the ancient Romans from the legendary beginning of the city in 753 B.C. to the fifth century A.D. Readings will include Latin literature in translation and secondary texts which provide archaeological evidence and the historical context.

CLHU U160 Pandora's Daughters 3 crs.
Common Curriculum: Humanities/Arts Pre-modern
This course examines the status of women in classical antiquity from the Bronze Age through the late Roman Empire. Readings include selections from a wide variety of ancient documents and contemporary scholarship. Archaeological and artistic evidence will also be considered.

CLHU U163 Greek and Roman Comedy 3 crs
Common Curriculum: Humanities/Arts Pre-modern
This course is a survey of Greek and Roman comedy including works by Aristophanes, Menander, Terence, and Plautus. The course will consider the significant social and political issues as well as the plays' appeal, significance, and legacy for us today.

CLHU U165 Pagans and Christians 3 crs.
Common Curriculum: Humanities/Arts Pre-modern
This course examines the triumph of Christianity over paganism in the Roman Empire. Focusing on the debate and culture clash between the two in the fourth century, students will discuss and write on important controversies of the age and their relation to our own times.

CLHU U168 Roman Republic 3 crs.
Common Curriculum: Humanities/Arts Pre-modern
This course examines the rise and decline of the Roman Republic from the founding of the city (c. 800 B.C.) to the assassination of Julius Caesar (44 B.C.). The course explores political, economic, military, religious, and societal topics.

CLHU U170 The Later Roman Empire 3 crs.
Common Curriculum: Humanities/Arts Pre-modern
This course explores all the major aspects of late Roman civilization, roughly from 300 – 700 A.D. Study will cover political, economic, military, social, and religious developments with focus on the effects of the Germanic and Islamic invasions. Students will examine a wide variety of textual and physical evidence.

CLHU U172 The Early Roman Empire 3 crs.
Common Curriculum: Humanities/Arts Pre-modern
This course will examine the rise and the first decline of the Roman empire from the establishment of the autocracy by Octavian Augustus (30 B.C. – 14 A.D.) to the reordering of the Roman empire by Diocletian (284 – 305 A.D.). It will explore political, social, military, economic, cultural, and religious topics.

CLHU U174 The Byzantine Empire 3 crs.
Common Curriculum: Humanities/Arts Pre-modern
This course will survey the medieval Roman empire, also known as the Byzantine empire, from the rise of Islam in the seventh century to the fall of Constantinople to the Turks in 1453. The course will examine political, military, economic, social, religious, and cultural features of the Byzantine world.

CLHU U175 The Ancient Novel 3 crs.
Common Curriculum: Humanities/Arts Pre-modern
This course traces the development of the novel in the earliest examples from Greek and Roman antiquity. These works detail the adventures of young men and women determined to preserve their integrity while searching for their true identities. Readings include Longus' *Daphne and Chloe*, Petronius' *Satyricon*, and Heliodorus' *An Ethiopian Story.*

CLHU U180 Ancient Mystery Cults 3 crs.
Common Curriculum: Humanities/Arts Pre-modern
By their very nature, ancient mystery cults were secretive and their rituals known only to the initiates. This course examines, in translation, a wide variety of ancient sources to see what can be learned about cults ranging from Demeter to Isis to early Christianity.

CLHU H498 Honors Thesis Research 2 crs.
This course offers students who wish to pursue an honors thesis time to do research under the guidance of their thesis adviser.

CLHU H499 Honors Thesis 3 crs.
Students who have satisfactorily completed their research register for this course while they write their honors thesis.

COMMUNICATIONS
Arts and Sciences

CMMN A100 Introduction to Mass Communications 3 crs.
This course is a survey of the various fields of mass communications taught at Loyola and specific preparation for courses taught in the department. Consideration is given to philosophical foundations, historical development, current trends and status, organizational structure, and career opportunities.
Required for communications majors.

CMMN A101 Communications Writing 3 crs.
This course discusses the basic kinds of writing used most frequently in the media, including description, narration, the interview, and criticism as well as other forms. The students read widely contemporary journalists and essayists, and there is an emphasis on developing the student's personal style.
Required for communications majors.
Prerequisites: ENGL T122, CMMN A100.

CMMN A220 Introduction to Broadcasting and Film 3 crs.
This course is a survey study of broadcasting and film.
Prerequisite: CMMN A101.

CMMN A250 Beginning Reporting 3crs.
The basics of news writing and reporting will be discussed.
Prerequisite: CMMN A101.

CMMN A251 News Editing 3 crs.
This course concerns the creation of newspaper and magazine formats including copy and headline preparation; social, legal, and ethical ramifications of editing.
Prerequisite: CMMN A250.

CMMN A260 Introduction to Layout and Design 3 crs.
This course involves the creative use of two-dimensional space, using visual perceptions, principles of graphic design and their application, use of type in design, graphic interpretation, basic formats of advertising, and public relations layout.

CMMN A265 Photography 3 crs.
This is a course in learning to observe and see. Lectures and instruction on the operation of still cameras and extensive black and white darkroom experience. Aesthetics are emphasized. Student must have use of an adjustable 35 mm or larger format still camera.

CMMN A310 Advertising 3 crs.
This is an introduction to the field of advertising with attention given to market planning, message strategies, media planning, and advertising's impact on society.
Prerequisite: CMMN A101.

CMMN A311 Advertising Copywriting 3 crs.
This is a study of the elements involved in advertising copy including concept, visualization, and understanding the prospect. Attention is given to the various media alternatives and how to write effective copy in each medium.
Prerequisites: CMMN A310; junior standing.

CMMN A313 Advertising Media Planning 3 crs.
This course focuses on the study of media planning and research as it relates to the overall advertising and marketing process. Specific areas covered include media terminology, advertising and media research, selection and evaluation of media, and media resources.
Prerequisite: CMMN A310.

CMMN A314 Advertising Campaigns 3 crs.
This is a practical application of advertising theories in assigned projects.
Prerequisites: CMMN A311; junior standing.

CMMN A315 Advanced Advertising Campaigns 3 crs.
As near as possible, this course will expose the student to the experience of working on a major national advertising account in an advertising agency environment. Each student should leave this course with portfolio material and hands–on experience in the field of advertising.
Prerequisites: CMMN A310 and permission from the instructor.

CMMN A316 Public Relations 3 crs.
This course concerns the development of contemporary public relations practices with emphasis on solving communications problems within organizations and institutions by applying appropriate theories and techniques.
Prerequisite: CMMN A101.

CMMN A317 Writing for Public Relations 3 crs.
This is a laboratory course in writing for a variety of media in the context of public relations work including directed practice in preparing news releases, employee publication materials, copy for brochures and newsletters, and copy for television and radio. Offered in the spring semester only.
Prerequisites: CMMN A250, CMMN A316; junior standing.

CMMN A318 Public Relations Cases and Campaigns 3 crs.
This course examines case studies and typical public relations problems culminating in development of specialized communications materials to gain reaction and support from target groups. Offered in the spring semester only.
Prerequisites: CMMN A317; senior standing.

CMMN A319 Advanced Public Relations Campaigns 3 crs.
This course will give students the opportunity to create and implement a campaign for a national public relations client in a public relations agency environment. Students will experiment with various research, planning, and writing processes introduced in courses required by the public relations sequence.
Prerequisites: CMMN A316 and permission of instructor.

CMMN A320 Production Theory and Practice I 3 crs.
Basic theoretical and practical knowledge of audio and video, emphasizing awareness of the processes of production in each medium will be the focus. Lab required.
Prerequisite: CMMN A101.

CMMN A321 Radio-TV Announcing 3 crs.
This is a course combining linguistic study of and practice in vocal performance for radio, TV, and film. Problems in overcoming regional and cultural accents will be explored.
Prerequisites: CMMN A220; junior standing.

CMMN A322 Production Theory and Practice II 3 crs.
Basic producing-directing and writing in the production of television will be the focus of this course. Students complete assignments on video tape. Lab required.
Prerequisite: CMMN A320 with a minimum grade of C+.

CMMN A323 Production Theory and Practice III 3 crs.
Students will produce and direct independent projects. The projects will be done on video tape, in the studio and on location.
Prerequisites: CMMN A322; junior standing.

CMMN A324 Television Direction 3 crs.
This course examines theory and practice of effective television directing. Topics include problems of working with the television performer; dealing with the technical assets and liabilities of the medium; and technical direction. Studio situations are designed to improve student skills in directing in various program formats.
Prerequisite: CMMN A322.

CMMN A325 Television Performance 3 crs.
This course examines theory and practice of effective television communication. Topics include problems of the television performer and adaptations in composition and interpretation that the medium requires of the announcer, newscaster, narrator, or actor. Studio situations are designed to aid students in improving performance skills.

CMMN A327 Radio Production 3 crs.
This is a basic radio production course, including studio work in all aspects of audio techniques for commercials, drama, documentary, and musical production. Participation on WLDC radio will be offered.
Prerequisite: junior standing.

CMMN A329 Script Writing 3 crs.
This is a course in writing for television and film. Script formats, visual and aural development, character development, pacing, and action included as part of the writer's craft.
Prerequisite: CMMN A101.

CMMN A330 Broadcast News I 3 crs.
This course concerns basics in news writing, producing, and reporting for broadcasters, including assignments for WLDC radio.
Prerequisites: CMMN A250, A320.

CMMN A331 Broadcast News II 3 crs.
Advanced news writing and reporting for broadcasters, including assignments for WLDC television, will be discussed.
Prerequisites: CMMN A330; junior standing.

CMMN A332 TV News Studio 3 crs.
The course will focus on the production of local news stories for WLDC-TV. A full-length news show is aired at least twice a week, and each student will produce an entire program and individual segments.
Prerequisites: CMMN A331; junior standing.

CMMN A333 Television News Direction 3 crs.
Professional experience in directing three weekly newscasts at WLDC-TV will be the focus of this course. Students serve as members of the production/direction news team.
Prerequisites: CMMN A322; junior standing.

CMMN A350 Advanced Reporting 3 crs.
This is an advanced course in news writing with an emphasis on the creative handling of news stories, features, and special interest articles.
Prerequisites: CMMN A250; junior standing.

CMMN A351 Advanced Editing 3 crs.
This is an advanced course in editing with emphasis on developing technical proficiency through a full understanding of theoretical concepts.
Prerequisites: CMMN A251; junior standing.

CMMN A352 Interpretive Writing 3 crs.
Types of interpretive journalism will be discussed, including editorials, columns, art, reviews, etc.
Prerequisite: CMMN A101 or permission of instructor.

CMMN A354 Feature Writing 3 crs.
This is a course in writing features for print and media, with stress on the development of color and individual style.
Prerequisite: CMMN A101 or permission of instructor.

CMMN A359 Advanced Journalism Lab 3 crs.
This course will give the student practical experience in reporting and writing with academic evaluation. Campus news coverage and beats will be assigned for use on *The Maroon*, the university student newspaper.
Prerequisite: permission of instructor.

CMMN A360 Advanced Layout and Design 3 crs.
This course concerns creative design applications, designing with grid, contemporary advertising layouts, brochure and folder production, logo and symbol design, posters and billboards, and direct advertising, including the use of desktop publishing and various graphics communications computer applications in production.
Prerequisite: CMMN A260 with a minimum grade of C.

CMMN A368 Photojournalism 3 crs.
This course is an introduction to the field of photojournalism. Historical development, selected works of masters of photography, and ethical and legal considerations will be examined. Photographic projects will be required.
Prerequisite: CMMN A265.

CMMN A369 Documentary Photography 3 crs.
This is an advanced photography course in which each student will complete an in-depth documentary project. The history of documentary photography will be studied.
Prerequisite: CMMN A265.

CMMN A370 Environmental Communications 3 crs.
Presents an overview of how environmental information is expressed in mass communications and associated theory of the field. Important environmental theory and issues will be discussed. Students will use and sharpen their writing skills, learn how to evaluate scientific information, and study issues with conflicting data.

CMMN A371 Covering the Environmental Beat 3 crs.
Presents an appreciation of the elements of news coverage of environmental issues. Includes discussion of a variety of complex environmental challenges and provides the opportunity to explore disparate points of view. Students will engage in intensive reporting and writing skills, and study many issues with conflicting information.
Prerequisite: CMMN A250 or permission of the instructor.

CMMN A400 Mass Communications Theory and Research 3 crs.
This is an advanced course tracing development of mass communications research from its origins to work recently published in academic journals. Students will be introduced to research methods and participate in one or more research projects.
Required for communications majors.
Prerequisites: CMMN A101; junior standing.

CMMN A401 Law of Mass Communications 3 crs.
This is an examination of major legal and regulatory developments in print and broadcast communications and the new technologies, with an emphasis on both legal and ethical considerations.
Required for communications majors.
Prerequisites: CMMN A101; junior standing.

CMMN A410 Nonprofit Communications 3 crs.
An analysis of the nonprofit and public sector industry and integrated communications within these organizations. Students will study organizational typologies and classifications, social and ethical issues, theories of public vs. private and how these affect message, publics, and media issues. The course includes classic and contemporary readings.
Prerequisites: CMMN A101; junior standing.

CMMN A420 Regulations of Broadcasting and Cable 3 crs.
Laws and regulations dealing with all aspects of broadcasting, cable, and new telecommunications technology will be examined.
Prerequisites: CMMN A401; junior standing.

CMMN A421 Business Aspects of Broadcasting 3 crs.
This course investigates several areas of broadcasting as a business: promotion, public relations, sales, programming, etc.
Prerequisites: CMMN A101; junior standing.

CMMN A422 TV Analysis and Criticism 3 crs.
This course is an analysis of the content, issues, and values of television programming and specific TV programs. Examination of the writings and reviews of selected television critics.
Prerequisite: CMMN A101.

CMMN A424 Broadcast/Cable Programming 3 crs.
Tactics and strategies of programming for commercial broadcast and cable systems in the U.S. will be discussed.
Prerequisite: CMMN A101.

CMMN A441 Film Artists 3 crs.
This course is an examination of the works of selected major film artists. May be repeated once for credit when topic varies.

CMMN A442 Film Genres 3 crs.
This course is a study of various films as they have evolved in the history of cinema. May be repeated once for credit when topic varies.

CMMN A443 Film History 3 crs.
This course is a survey of the major periods in the development of international cinema.

CMMN A444 Film and Culture 3 crs.
This course is a study of the films of a given country, section, or culture. May be repeated once for credit when topic varies.

CMMN A445 Film Theory and Criticism 3 crs.
This course is a survey of major film theories and the application of criticism.

CMMN A450 History of Journalism 3 crs.
Development of journalism from its beginning to the present will be examined.
Prerequisites: CMMN A101; junior standing.

CMMN A452 The Great Journalists 3 crs.
This is a study of those outstanding American and English writers who have by their literary skills, vision, and sometimes by their character, profoundly influenced modern journalism. When some are novelists and essayists as well as journalists, the relationship between their several careers will be studied.
Prerequisite: CMMN A101.

CMMN A453 American Women Journalists 3 crs.
This course is an interdisciplinary study of the lives and writings of prominent American women who, through their talent and their commitment, have had a significant impact on both American culture and American journalism.
Prerequisite: ENGL T122.

CMMN A455 Media and Gender 3 crs.
This course examines the impact of media's gender images on individuals, society, and culture. Participants will learn to be more critical consumers of media messages, specifically in terms of gender representations, to think and to write critically about their responses to and use of media products, and to develop different perspectives to interpret pop culture and media messages.
Prerequisite: junior standing.

CMMN A465 History of Photography 3 crs.
This course is a history of photography from its invention to the present. Attention will be given to the aesthetic criteria and the historical context that influenced photographers, as well as to the ways photographs have been used from the era of the daguerreotype to the computer-based image.
Prerequisite: junior standing.

CMMN A470 Mass Persuasion 3 crs.
This course is a study of commercial and political propaganda and their impact on society.
Prerequisites: CMMN A101; junior standing.

CMMN A471 Mass Communications Literature 3 crs.
This course is an advanced course focusing on one specific author or school of thought or genre in the existing mass communication literature. Strong emphasis is placed on reading and class discussion.
Prerequisites: CMMN A101; junior standing.

CMMN A473 International Media Systems 3 crs.
This course is a survey of the media of other countries. Comparisons in values, patronage bases, freedom of expression, and similar concerns are the heart of the course.
Prerequisites: CMMN A101; junior standing.

CMMN A474 Ethics of Mass Communications 3 crs.
This course examines the moral principles which order the work of the communications professional. The social responsibility of mass media institutions and the individual responsibilities of the practitioners.
Prerequisites: CMMN A101, PHIL V152; senior standing.

CMMN A480 Current Trends 3 crs.
Each offering of the course will change, since the content of the course is based on current issues and developments within the media. May be repeated for credit when topic varies.
Prerequisites: junior standing and permission of the instructor.

CMMN A495 Special Project arr.
This course focuses on the creative or productive efforts of one or more students. A special project is distinguished from a research project in its lack of the historical or experimental method and perspective characteristics of research. A formal proposal is required in which the student clearly sets forth what he/she proposes to do. A reminder: the average three-hour course is supposed to account for 145 hours over the semester.

CMMN A496 Seminar/Workshop arr.
A seminar is a supervised group of students sharing the results of their research on a common topic. A workshop is a supervised group of students participating in a common effort.

CMMN A497 Internship/ Practicum arr.
An internship is supervised practical experience. A practicum is supervised practical application of previously studied theory.
Prerequisites: junior standing. Students must complete a series of courses specified for each type of internship before entering on the internship. Requirements are published by the Department of Communications.

CMMN A498 Research Project arr.
This course focuses on empirical or historical investigation, culminating in a written report. A formal proposal is required in which the student clearly sets forth what he/she proposes to do. A reminder: the average three-hour course is supposed to account for 145 hours over the semester.

CMMN A499 Independent Study arr.
A formal proposal is required in which the student clearly sets forth what he/she proposes to do. A reminder: the average three-hour course is supposed to account for 145 hours over the semester.

CMMN X133 Art of the Film 3 crs.
Common Curriculum: Behavioral/Social Sciences Modern
This course will consider film both as art and as related to the traditional arts. Weekly screenings of great works by artists like Welles, Hitchcock, Fellini, Bergman, and Renoir will be discussed in class. Viewings, discussions, and readings will give the student an understanding of this most prominent 20th-century art.

CMMN X136 Understanding Media 3 crs.
Common Curriculum: Behavioral/Social Sciences Modern
This is an examination of the different mass media, with special attention to their historical and technological development; to the economic aspects of mass communication including media conglomerates and cross-media ownership; to the theories of communication; to the collection and dissemination of news; and to the international aspects of communication.

CMMN X170 The American Character 3 crs.
Common Curriculum: Behavioral/Social Sciences Modern
This is a study of those characteristics of American culture that seem to define America as unique among nations. It will concentrate on contemporary American values and politics, but will begin with the observations of de Tocqueville and include the writings of contemporary journalists, social scientists, novelists, travel writers, and foreign observers.

City College

CMMN C100 Introduction to Mass Communications 3 crs.
This course is a survey of the various fields of mass communications taught at Loyola and specific preparation for courses taught in the department. Consideration is given to philosophical foundations, historical development, current trends and status, organizational structure, and career opportunities.

CMMN C101 Communications Writing 3 crs.
This course discusses the basic kinds of writing used most frequently in the media, including description, narration, the interview, and criticism as well as other forms. The students read widely contemporary journalists and essayists, and there is an emphasis on developing the student's personal style.
Prerequisites: COMP C119 and CMMN C100.

CMMN C250 Beginning Reporting 3 crs.
The basics of news writing and reporting will be discussed.
Prerequisite: CMMN C101.

CMMN C260 Introduction to Layout and Design 3 crs.
This course involves the creative use of two–dimensional space, using visual perceptions, principles of graphic design and their application, use of type in design, graphic interpretation, basic formats of advertising, and public relations layout.

CMMN C310 Advertising 3 crs.
This course concerns advertising fundamentals, including the organization and operation of agencies and departments, the psychology of advertising and promotion, copywriting and layout techniques. Assigned problems and demonstrations.
Prerequisites: CMMN C101; junior standing.

CMMN C311 Advertising Copywriting 3 crs.
This course is a study of the elements involved in writing commercial copy, including concept, visualization, style, and sponsor image.
Prerequisites: CMMN C310; junior standing.

CMMN C314 Advertising Campaigns 3 crs.
This course involves practical application of advertising theories in assigned projects.
Prerequisites: CMMN C311; junior standing.

CMMN C316 Public Relations 3 crs.
This course discusses development of contemporary public relations practices with emphasis on solving communications problems within organizations and institutions by applying appropriate theories and techniques.
Prerequisites: CMMN C101; junior standing.

CMMN C317 Writing for Public Relations 3 crs.
This course involves writing for a variety of media in the context of public relations work; includes directed practice in preparing news releases, employee publication materials, copy of brochures and newsletters, copy for television and radio, and the like.
Prerequisites: CMMN C250, C316; junior standing.

CMMN C318 Public Relations Cases and Campaigns 3 crs.
An examination of case studies and typical public relations problems culminating in development of specialized communication materials to gain reaction and support from target groups.
Prerequisites: CMMN C317; senior standing.

CMMN C354 Feature Writing 3 crs.
This is a course in writing features for print and electronic media, with stress on the development of color and individual style.
Prerequisite: CMMN C101 or permission from instructor.

CMMN C360 Advanced Layout and Design 3 crs.
This course concerns creative design applications, designing with grids, contemporary advertising layouts, brochure and folder production, logo and symbol design, posters and billboards, and direct advertising, including the use of desktop publishing and various graphic communications computer applications in production.
Prerequisites: CMMN C260; junior standing.

CMMN C400 Mass Communication Theory and Research 3 crs.
This is an advanced course tracing development of mass communications research from its origins to work recently published in academic journals. Students will be introduced to research methods and participate in one or more research projects.
Prerequisites: CMMN C101; junior standing.

CMMN C401 Law of Mass Communications 3 crs.
This is an examination of major legal and regulatory developments in print and broadcast communications and the new technologies, with an emphasis on both legal and ethical considerations.
Prerequisites: CMMN C101; junior standing.

COMPOSITION

City College

COMP C100 Basic Writing Skills 3 crs.
This course involves close supervision in writing skills such as grammar, punctuation, spelling, construction of sentences and paragraphs, and in reading skills. Students who need to take COMP C100 are selected by means of a writing sample, or they may choose to register for the course.

COMP C119 English Composition 3 crs.
This course focuses on an adult approach to perfecting skills needed in writing formal and informal essays and in preparing an academically sound research paper. Class discussion of writing techniques and development of critical skills will be emphasized.

COMPUTER INFORMATION SCIENCE

City College

CISC C105 Personal Productivity with IS Technology 3 crs.
This prerequisite course enables students to improve their skills as knowledge workers. The emphasis is on personal productivity concepts through using functions and features in computer software such as databases, presentation graphics, and Web authoring. Although identified as a course, this material can be delivered as self-study modules, as modules associated with other courses using the software, or as a full course.

CISC C110 Fundamentals of Information Systems 3 crs.
This course provides an introduction to systems and development concepts, information technology, and application software. It explains how information is used in organizations and how IT enables improvement in quality, timeliness, and competitive advantage.
Prerequisite: CISC C105 or documented knowledge of word processing, spreadsheets, e-mail, and Internet browsing.

CISC C210 Information Systems Theory and Practice 3 crs.
This course provides an understanding of organizational systems, planning, and decision process, and how information is used for decision support in organizations. it covers quality and decision theory, information theory, and practice essential for providing viable information to the organizations. It outlines the concepts of IS for competitive advantage, data as a resource, IS and IT planning and implementation, change and project management.
Prerequisite: CISC C110.

CISC C215 Information Technology Ethics and Society 3 crs.
This course examines ethical issues and the moral responsibility of information technology professionals. It covers issues surrounding the social impact of information technology. Both technical and behavioral aspects of ethical and social issues are examined within the context of case studies and the law.
Prerequisite: CISC C110.

CISC C220 Programming, Data, File, and Object Structures 3 crs.
This course provides an exposure to algorithm development, programming, computer concepts and the design and application of data and file structures. It includes the use of logical and physical structures for both programs and data.
Prerequisite: CISC C110.

CISC C250 Hardware and System Software 3 crs.
This course provides the hardware/system software fundamentals for various computer/network architectures used in the design, development and implementation of contemporary information systems. These concepts enable systems development personnel to explain trade-offs in computer architecture for effective design. System architecture for single user, central, and networked computing systems; single and multiuser operating systems.
Prerequisite: CISC C110.

CISC C255 Internet Technologies 3 crs.
This course offers fundamental knowledge and sufficient experience in using Internet software tools to facilitate the understanding and development of Internet-based virtual sites.
Prerequisite: CISC C110.

CISC C280 Analysis and Logical Design 3 crs.
this course examines the system development and modification process. It emphasizes the factors for effective communication and integration with users and user systems. It encourages interpersonal skill development with clients, users, team members, and others associated with development, operation, and maintenance of the system. Structured and object oriented analysis and design, use of modeling tools, adherence to methodological life cycle, and project management standards.
Prerequisite: CISC C110.

CISC C295 Intermediate Topics 3 crs.
This is a generic course for engaging students with the latest advances in computer information systems. This course may be repeated for credit each time there is a different topic.
Prerequisite: CISC C110; possibly other courses depending on the topic.

CISC C310 Electronic Business Technology 3 crs.
This course examines the linkage of organizational strategy and electronic methods of delivering products, services, and exchanges. It explores technological solutions for enabling effective business processes within and between organizations in a global environment.
Prerequisite: CISC C110.

CISC C350 Networks and Telecommunications 3 crs.
This course provides an in-depth knowledge of data communications and networking requirements including networking and telecommunications technologies, hardware, and software. Emphasis is upon the analysis and design of networking applications in organizations. Management of telecommunications networks, cost-benefit analysis, and evaluation of connectivity options are also covered. Students learn to evaluate, select, and implement different communication options within an organization.
Prerequisite: CISC C250.

CISC C370 Database Development 3 crs.
This course covers information systems design and implementation within a database management system environment. Students will demonstrate their mastery of the design process acquired in earlier courses by designing and constructing a physical system using database software to implement the logical design.
Prerequisites: CISC C220 and CISC C280.

CISC C475 Information Exchange with XML 3 crs.
This course gives the student an introduction to the eXtensible Markup Language (XML) and to several technologies that support management and presentation of XML documents on the World Wide Web. It is geared towards students who desire a working knowledge of XML for the purpose of authoring Web documents, designing websites, and especially for managing XML documents and transformation paths as part of enterprise software development.
Prerequisite: CISC C370.

CISC C455 Information Systems Security 3 crs.
The aim of this course is to equip learners with a sound knowledge of the underlying principles of information security and to provide them with the skills needed to analyze and evaluate information security problems, especially in the areas of the Internet, World Wide Web and Electronic Commerce.
Prerequisite: CISC C350.

CISC C470 Design and Implementation in Emerging Environments 3 crs.
This course covers physical design and implementation of information systems applications. Implementation in emerging distributed computing environments using traditional and contemporary development environments.
Prerequisites: CISC C270 and CISC C370.

CISC C480 Project Management and Practice 3 crs.
This course covers the factors necessary for successful management of information systems development or enhancement projects. Both technical and behavioral aspects of project management are applied within the context of an information systems development project.
Prerequisites: CISC C280 and CISC C370.

CISC C495 Advanced Topics 3 crs.
This is a generic course for engaging students with the latest advanced issues in computer information systems. This course may be repeated for credit each time there is a different topic.
Prerequisite: depends on the topic.

COMPUTER SCIENCE

Arts and Sciences

COSC A106 Microcomputers and Productivity 3 crs.
This course will investigate the microcomputer and the impact of its powerful tools upon the way humans work. The student will examine and use word processors, graphic construction tools, spreadsheet applications, databases, and presentation tools. Emphasis will be placed upon exploring the ways that such tools change the way that people work and think.

COSC A111 Introduction to the Internet 3 crs.
This course introduces a new range of worldwide information networks using the latest advances in telecommunication systems, applications software, and computer equipment. It provides students with a working knowledge of the Internet and its World Wide Web as well as electronic mail, list servers, computer bulletin boards, and local area networks.

COSC A114 Multimedia and Information Technology 3 crs.
This course introduces computer concepts within a framework of multimedia application packages. Software packages used for presentation and interactive demonstration are studied. Emphasis is on computer science topics, such as software development. Elementary programming concepts (branching, loops, code encapsulation, actions, etc.) are also introduced.

COSC A119 Introduction to Computer Science 3 crs.
This course introduces concepts within a framework of worldwide information network software and multimedia application packages. Computer science topics, such as software development, design, maintenance issues, documentation, and elementary programming concepts, are introduced. Networks, the Internet and its World Wide Web, multimedia and applications, and several software tools will be introduced in order to promote a better understanding of the basic concepts.

COSC A211 CS1: Introduction to Computer Science and Visual Programming I 3 crs.
This course discusses concepts and terminology of visual programming, including interface builders and visual tools; problem-solving within the context of a visual programming environment; and rudiments of software development, analysis, and design; with human-computer interaction.
Prerequisites: COSC A119, COSC A111, or COSC A114. Prerequisite may be waived with departmental approval.

COSC A212 CS2: Introduction to Computer Science and Visual Programming II 3 crs.
This course is a continuation of concepts and terminology of visual programming and interface builders; object-oriented programming; window control behavior; even-driven programs; more thorough treatment of software development concepts; data structures including records and arrays; abstract data types of stacks, queues, lists, trees, etc.
Prerequisite: COSC A211.

COSC A216 Fundamentals of Software Development 3 crs.
This course is an introduction to the fundamentals of software development. A particular focus will be on the object-oriented paradigm. Procedural abstractions, data abstraction, and complex data structures are covered within the context of the OO paradigm. The major phases of software development are discussed, with emphasis on design.
Prerequisite: COSC A212.

COSC A270 Introduction to Visual Databases 3 crs.
This course discusses concepts and terminology of databases, survey and use of database tools, file systems, sequential and direct data organization, analysis and design models, relational and other data models, database interface components, and multiparadigm data processing.
Prerequisites: COSC A211, MATH A204. The COSC A211 prerequisite may be changed to co-requisite with departmental approval.

COSC A280 Introduction to Computer Graphics 3 crs.
This course serves as an introduction to basic computer graphics concepts. Topics include graphics algorithms, and 2D and 3D graphics. Basic programming ideas—e.g., incremental design and abstraction—are covered. Mathematics will not be emphasized, but a rigorous approach will be adopted.
Prerequisites: COSC A212, MATH A204. The COSC A212 prerequisite may be changed to co-requisite with departmental approval.

COSC A315 Computer Organization 3 crs.
This course introduces the topics of digital logic, digital systems, machine level representation of data, assembly level machine organization, memory system organization, I/O, and communication.
Prerequisite: COSC A216.

COSC A361 Languages and Paradigms 3 crs.
This course is a survey of languages and paradigms. Topics include parameters, data types, abstract data types, storage issues, static/dynamic attributes, and software abstractions. Emphasis is on the procedural paradigm with introduction and comparison to the object-oriented paradigm, the logic paradigm, and other paradigms.
Prerequisites: COSC A216, MATH A270.

COSC A363 Algorithms and Software Development 3 crs.
This course discusses programming techniques and design and analysis of algorithms. Object-oriented language is introduced. Topics include the basic concepts of program design, including modularity, cohesion, and coupling; sorting; searching; tree and graph algorithms; big-O notation; and space-time trade-offs.
Prerequisites: COSC A216, MATH A270.

COSC A365 Operating Systems 3 crs.
This course introduces students to computer hardware organization and operating system concepts. It will provide students with a working knowledge of digital logic, registers, machine and assembly languages, computer architecture (storage structures, I/O, protection, etc.) process management, storage management, and distributed systems.
Prerequisite: COSC A216.

COSC A370 Computation and Automata 3 crs.
This course introduces abstract machines (computing devices that are specified on paper and not necessarily realized as some mechanical or electronic device). Essential properties of existing computer systems provide the framework for the presentation of the abstract machines.
Prerequisites: COSC A361, MATH A270.

COSC A375 Numerical Algorithms 3 crs.
This course develops the computational procedures which are fundamental to numeric applications. The student will study error analysis, numerical solutions of polynomial and transcendental equations, systems of linear equations using iterative methods, polynomial interpolation, quadrature, evaluation of functions, and curve fitting.
Prerequisite: COSC A212.
Co-requisite: MATH A258.

COSC A405 Artificial Intelligence 3 crs.
This course teaches the fundamentals of artificial intelligence, including problem solving techniques, search, heuristic methods, and knowledge representation. Topics include ALL programming, expert systems, and an introduction to natural language processing.
Prerequisite: COSC A361.

COSC A425 Computer Graphics 3 crs.
This course introduces technology and techniques of computer graphics. Various graphic hardware devices will be surveyed as will graphic software support. The student will design and implement programs to produce graphic display, both statistical and dynamic, with real time interaction. Three-dimensional perspective transformations will be explored.
Prerequisites: COSC A280, A361.

COSC A430 Database Management Systems 3 crs.
This course studies different database management system architectures, security and integrity, storage structures, data models and submodels, access controls, and data sharing.
Prerequisites: COSC A270, any of A361, A363, or A365.

COSC A451 Software Engineering 3 crs.
This course introduces advanced techniques of large-scale, complex software systems development. Techniques to automate the analysis specification, design, implementation, and texting of software systems will be examined. For information-intensive systems, students will build, revise, store, and maintain complex data models.
Prerequisites: COSC A270, A361.

COSC A455 Compilers and Interpreters 3 crs.
This course is an in-depth study of the principles and design aspects of programming language translation. Major components of a compiler are discussed including lexical analysis, syntactic analysis, type checking, code generation, and optimization. Alternate parsing strategies (e.g., top-down, LR, recursive descent) are presented.
Prerequisites: COSC A361, MATH A270.

COSC A465 Computer Architecture 3 crs.
This course teaches the important concepts in computer system hardware design. Topics include design models including the register transfer level model, instruction set processor model, and processor memory switch model along with information theory, queuing theory, and performance evaluation techniques.
Prerequisite: COSC A365.

COSC A470 Communication Systems and Networks 3 crs.
This course examines the problem of data communication and various hardware and software systems that achieve it. Topics include asynchronous and synchronous communications, modem, simplex and duplex systems, and local area networks.
Prerequisite: COSC A365.

COSC A475 Advanced Programming Language Concepts 3 crs.
This course examines advanced topics in programming languages. Included will be an introduction to alternate programming paradigms (object-oriented, functional, and logical) and languages and the comparisons of these to procedural languages. In addition, concurrency and parallel constructs will be introduced.
Prerequisite: COSC A361.

COSC A493 Special Topics in Computer Science 3 crs.
As need or interest arises, courses will be provided under this number to add further breadth to the computer science student's degree program.

COSC A495 Special Project arr.
This course focuses on the creative or productive efforts of one or more students. A special project is distinguished from a research project in its lack of the historical or experimental method and perspective characteristics of research.

COSC A496 Seminar/Workshop arr.
A seminar is a supervised group of students sharing the results of their research on a common topic. A workshop is a supervised group of students participating in a common effort.

COSC A498 Research Project arr.
This project focuses on empirical or historical investigation, culminating in a written report.

COSC A499 Independent Study arr.

COSC Z132 The Computer Impact 3 crs.
Common Curriculum: Natural Sciences Modern
This course provides students with the basic knowledge to understand computer information technology and, more importantly, to understand the impact of this technology and its ethical implications on the individual, organizations, and society. Computer programming will not be required; however, students will use the Internet for writing papers. Students will also design Internet presentations.

CRIMINAL JUSTICE

City College

CRJU C101 Introduction to Law Enforcement 3 crs.
This course is an introduction to the philosophical and historical background of law enforcement. The principles of organization and administration for functions and activities; planning and research; public relations; personnel and training; inspection and control; direction; and policy formation will be discussed.

CRJU C105 Introduction to Criminal Justice Systems 3 crs.
This course is intended to introduce the student to how the justice system works in America. It begins with a discussion of the underlying rationale for punishment of crime. Topics discussed include police, role of the attorney, bail, criminal trial, sentencing, corrections, and post-conviction remedies.

CRJU C110 Criminology: Fundamentals 3 crs.
This course is a survey of basic topics and problems related to the discipline, such as the nature of crime in America, criminal statistics, and selected criminological theories. It serves as an introduction to the systematic study of crime, criminals, criminal behavior, and the criminal justice system.
Prerequisite: SOCI C100.

CRJU C200 Criminalistics 3 crs.
This course is an introduction to the techniques of crime scene investigation. The value of evidence; preservation of the crime scene; crime scene searching; photography; and the sketching of crime scenes. Also covered are techniques for the recognition, collection, and preservation of specific types of evidence.

CRJU C201 Criminalistics: Crime Lab 3 crs.
This is a course designed to introduce the student to some of the advanced concepts of forensic science and medico-legal investigation. Topics include forensic pathology, odontology, anthropology, gunshot injuries, blunt and sharp force trauma, and child abuse.

CRJU C205 Police Supervision 3 crs.
This course examines supervisory methods and problems within the law enforcement organization and the implication of principles of human relations to effective performance; policy and procedure; field supervision; instruction and planning; supervisory reporting; and performance evaluation.

CRJU C210 Police Administration 3 crs.
This course concerns individual and group studies in the dynamics of law enforcement and administration, policy formation and decision making in management from a human relations and organizational point of view, and electronic data processing in law enforcement.

CRJU C213 Police Community Relations 3 crs.
This course examines factors contributing to friction or cooperation between law enforcement personnel and the community, with emphasis on minority groups, political pressures, and cultural problems. Community organization and social responsibility of law enforcement also will be discussed.

CRJU C218 Criminal Procedure 3 crs.
This course is a study of the formal process whereby the government seeks to convict and punish a person for a criminal offense. Special emphasis will be placed on appellate review, the law of search and seizure, interrogations, confessions, the use of informers and entrapment, pretrial procedures, and various doctrines applying the fourteenth amendment.

CRJU C220 Recent Supreme Court Decisions 3 crs.
Students are exposed to an in-depth discussion and analysis of the most recent Supreme Court decisions in criminal cases. Issues of procedural and substantive law, right to counsel, criminal evidence, and constitutional law will be covered.

CRJU C250 Juvenile Delinquency 3 crs.
This course explores the nature and causes of juvenile crime and delinquency in America and other cultures. An in-depth analysis of crime measurement, causes, controls, and treatment are examined. Other topics include juvenile law, corrections, family therapy, gangs, schools, and the influence of the mass media on juvenile crime and delinquency.
Prerequisite: SOCI C100.

CRJU C255 Juvenile Justice Process 3 crs.
This course is an examination of the major decisions made about juveniles from initial contact by the police through termination of legal control over their conduct. Constitutional limitations on the power of the juvenile justice process as a result of recent Supreme Court decisions, case law developments, and statutory changes will be reviewed.

CRJU C313 Criminal Evidence 3 crs.
The rules of evidence will be examined including examination of witnesses; impeachment; real, direct, and circumstantial evidence. Special emphasis will be given to relevancy, hearsay and its exceptions, privileges, presumptions and inferences, burden of proof, judicial notice, and the parole evidence rule.

CRJU C320 Violent Offenders 3 crs.
Content of the course focuses on the felonious violent offender in which physical injury is inflicted against one or more others, including, but not limited to criminal homicide, aggravated assault, forcible rape, armed robbery, or attempts to inflict other physical injuries. Typologies of violent offenders are reviewed examining such factors as motives, facilitation and situational aspects of the crime, selection of victims, criminal careers, group support for violent behavior, etc. Special types of violent offenders such as mass murderers, serial murderers, child murderers, domestic murderers, etc. are discussed in the class.

CRJU C330 Correctional Institutions 3 crs.
The course examines the theory and practice of correctional institutions and functions; the history of the prison as a total institution; types of correctional facilities; problems of rehabilitation in correctional institutions; crimes in prisons; adjusting to prison life; the inmate culture; and the future of correctional institutions. Attention is also devoted to high-tech innovations in prisons; proactive approaches for reducing crowding, controlling inmates, and managing stress; and what works in correctional treatment.

CRJU C345 Seminar Constitutional Law 3 crs.
This seminar concerns basic constitutional law and in-depth analysis of Supreme Court decisions decided during recent terms of court with a special emphasis on trends in constitutional law and criminal procedure.

CRJU C355 Police Behavior 3 crs.
This course concerns history of the police; changing roles and public expectation of police officers; stress and the police; family life; and social behavior.

CRJU C375 Organized Crime 3 crs.
This course covers the nature of organized crime; its history in America; the forms it takes; theories explaining emergence, development, and persistence; and the unique problems law enforcement personnel encounter in trying to bring organized criminals to justice. Definitions that capture the nature of organized crime as a unique type of criminal activity are discussed as well as new variations of organized crime such as the Russian Mafia.

CRJU C385 Seminar in Advanced Criminology 3 crs.
Selected topics will concern criminology examined in depth through assigned readings and classroom discussion.

CRJU C405 Criminal Law 3 crs.
This course examines sources of criminal law; theories of punishment, corpus delicti, and basic elements of crime; specific offenses, principles of liability to punishment, and specific defense to criminal behavior.