

ECN 210 Principles Of Economics I: Microeconomics (3 to 4 Credits)

Tasks of economic organization; the main institutions of the economy; demand and supply analysis and applications; the operation of a price-directed economy; distribution theory-the pricing of the factors of production. Prerequisites: MTH 160, MTH 161;BUS 125; WRT 102, 105 or WRT 106.

Requisites: Take WRT-102, 105 or WRT-106 Take MTH-140 or MTH-141. If MTH-160/161 is completed, MTH-140 is not required. - Must be completed prior to taking this course.

Honors: ECN-210H ECO I:MICRO-HONORS (4 Credits)

ECN 211 Principles Of Economics II: Macroeconomics (3 to 4 Credits)

The determinants of national income, output, employment, and price level; introduction to money and banking and to monetary and fiscal policy; introduction to public finance and international trade; review of supply and demand analysis with some applications. Prerequisite: ECN 210.

Requisites: Take ECN 210 - Must be completed prior to taking this course.

Honors: ECN-211H PRIN ECN II- MACRO-HONORS (4 Credits)

ECN 309 Money And Banking OR BUS 332 International Financial Management (4 Credits)

Functions of money; role of financial institutions; roles of Federal Reserve Banks and monetary policy. Introduction to the determination of interest rates, the stock of money and other monetary theory concepts as they relate to economic activity. Prerequisite: ECON 210, ECN 211.

Requisites: Take ECN 210 and ECN 211 - Must be completed prior to taking this course

Honors: ECN-309H MONEY AND BANKING HONORS (4 Credits)

ECN 311 Monetary and Macroeconomic Theory (4 Credits)

Requisites: Requisite with no print text exists - Must be completed prior to taking this course.

Honors: ECN-311H MONET&MACRO TH-HONORS (4 Credits)

ECN 320 Intermediate Microeconomics (4 Credits)

This course is designed to provide the student with a thorough understanding of the modern microeconomic theory and its applications. The approach used for this purpose is rigorous but mathematically simple. In particular, the course will study the different market structures and the corresponding market mechanisms through which scarce productive resources are used to produce goods and services and distribute them among the members of the society.

Prerequisites: ECN 210, ECN 211.

Requisites: Requisite with no print text exists - Must be completed prior to taking this course.

Honors: ECN-320H INTERMED MICROECON-HONORS (4 Credits)

ECN 410 History of Economic Thought (4 Credits)

This course surveys the major trends in economic thought since the 19th century. Schools of economic thought to be discussed and critically analyzed include: classical political economics, neoclassical economics, Marxian, Austrian institutionalists, Keynesian and Post-Keynesian economics. Prerequisites: ECN 311, ECN 320.

Requisites: Requisite with no print text exists - Must be completed prior to taking this course.

Honors: ECN-410H HIST OF ECON THOUGHT-HONORS (4 Credits)

ECN-510 ECONOMIC STATISTICS (4 Credits)

The course provides the student with a hands-on approach to data presentation and analysis. Topics will include statistical inference, least-squares regression, multiple regression, one-way analysis of variance, and two-way analysis of variance. Prerequisite: An undergraduate course in Statistics.

Requisites: Take ECN 310a - Must be completed prior to taking this course.

ACC-201C PRINCIPLES OF ACCOUNTING I (3 to 4 Credits)

Basic accounting concepts, fundamentals of accounting procedures, development of accounting principles and practices, and the determination, valuation, and presentation of accounting information. Emphasis on accounting theory and its relationship to the preparation of financial accounting statements. Use of a computerized practice set will be required.

Requisites: Take WRT 108 or 109; - Must be completed prior to taking this course.

Honors option: AFS-207H (4 Credits)

ACC-204B PRINCIPLES OF ACCOUNTING II (3 to 4 Credits)

To continue the study of basic accounting concepts, fundamentals of accounting procedures, development of accounting principles and practices, and the determination, valuation, and presentation of accounting information. Emphasis on the use of accounting information as it pertains to management. Prerequisite: ACC 201

Requisites: Take ACC 201C - Must be completed prior to taking this course

Honors option: ACC-204H PRINCIPLES OF ACC II- HONORS (4 Credits)

ACC-301 Intermediate Accounting I (3 to 4 Credits)

Review of basic financial statements and an in- depth study of accounting principles including: disclosure classification and presentation. Prerequisite: ACC 204 with a grade of C or better.

Requisites: Prerequisite: ACC 204 with minimum grade of C - Must be completed prior to taking this course.

Honors option: ACC-301H INTM ACCT I-HONORS (4 Credits)

ACC-302 Intermediate Accounting II (4 Credits)

A continuation of ACC 301.

Requisites: Take ACC 301 - Must be completed prior to taking this course.

Honors option: ACC-302H INTM ACCT II-HONORS (4 Credits)

ACC-318C TAXATION I (4 Credits)

A study of taxation as it applies to the typical routine tax return for an individual taxpayer. Topics will include determination of tax, income inclusions, capital gains and losses, itemized deductions and tax credits. Prerequisite: ACC 204, or consent of the Instructor.

Requisites: Take ACC 204 or Consent of the Instructor - Must be completed prior to taking this course.

Honors option: ACC-318H TAXATION-HONORS (4 Credits)

ACC-323A Cost Accounting: A Managerial Emphasis I (3 to 4 Credits)

A study of the fundamentals of cost determination, allocation, cost analysis and costing for decisions. Topics include break-even analysis, cost-profit-volume analysis, job order costing, process costing, and basic standard cost analysis. Prerequisite: ACC 204.

Requisites: Take ACC 204 - Must be completed prior to taking this course.

Honors option: ACC-323H COST I-HONORS (4 Credits)

ACC-404A Advanced Accounting (3 to 4 Credits)

An in-depth study of business combinations and consolidations and partnerships. Prerequisite: ACC 302

Requisites: Take ACC 302 - Must be completed prior to taking this course.

Honors option: ACC-404H ADV ACCT-HONORS (4 Credits)

ACC-421A AUDITING (4 Credits)

A study of external auditing theory, practice and administration. Topics include auditing standards, ethics, disclosures required for public reporting, auditing techniques, auditor client relationships. Prerequisite: ACC 404, or consent of the Instructor.

Requisites: Take ACC 404A or consent of the Instructor - Must be completed prior to taking this course.

ACC-500 CONVERSION (4 Credits)

This course is to be taken by students who have completed all the requirements of the Professional Accounting program and need a waiver for ACC 505, ACC 510, ACC 515, ACC 520 and BUS 510. The course is an update course and it will require the students to do case study work. It will provide a waiver for any combination of the five classes listed above.

Requisites: NONE

ACC-515 MANAGERIAL ACCOUNTING SEMINAR (4 Credits)

ACC 515 MANAGERIAL ACCOUNTING SEMINAR The course is an in-depth study of managerial accounting including topics such as discussion models, quantitative techniques, specialized variance analysis, budgetary control, transfer pricing and cost allocations. The course will use a case study format to apply these topics to real life situations.

Requisites: Take ACC 201C ACC 204B; - Must be completed prior to taking this course.

ACC-520 FINANCIAL ACCOUNTING SEMINAR (4 Credits)

ACC 520 FINANCIAL ACCOUNTING SEMINAR The course is an in-depth study of financial accounting including topics such as consolidated statements, pro-forma statements, statements required by regulatory bodies, and accounting fiduciaries. The course will use a case study format to apply these topics to real life situations.

Requisites: Take ACC 201C ACC 204; - Must be completed prior to taking this course.

ACC-630 ACCOUNTING RESEARCH (4 Credits)

ACC 630 ACCOUNTING RESEARCH The course covers current techniques of research and preparation of a research project. Students will select a topic for research that will require a formal paper and a presentation. This is the capstone project. Prerequisite: Completion of seven graduate courses.

Requisites: Take 7 graduate level courses - Must be completed prior to taking this course.

AFS-105 Introduction To Africana Studies (4 Credits)

This course will offer a broad survey of African peoples and the African Diaspora in the world, beginning with their African origins. Special attention will be paid to the enslavement of Africans, colonization, and the resultant freedom struggles undertaken by Africans and the African Diaspora.

Requisites: None

Honors Option: AFS-105H Introduction To Africana Studies - Honors (4 Credits)

AFS-207 African-American History to 1877 (4 Credits)

(Also HIS 207) WRITING INTENSIVE This course begins with the history of Africans in continental Africa and their forced removal and enslavement in North America and continues through the Abolition movement, Emancipation, and Reconstruction. This course will examine the creolization of Africans in what became the United States, and the resultant religious, cultural, and political traditions. This is the first course in the African American History sequence.

Requisites: Take WRT*108 or WRT 109 with a minimum grade of C- or higher - Must be completed prior to taking this course.

Writing Intensive Option: AFS-207WI African-American History to 1877 - Writing Intensive (4 Credits)

AFS-222 African-American Literature (4 Credits)

(Also ENG/WMS 222) Selected poetry, drama, fiction, autobiography, and essays by African/American authors, with emphasis on literary excellence. Authors range from Phillis Wheatley to Frederick Douglass, Imamu Amiri Baraka, Alice Walker, and Ishmael Reed. Lecture, discussion.

Requisites: Take WRT*107; Minimum grade C-; - Must be completed prior to taking this course.

Honors option: AFS-222H African-American Literature - Honors (4 Credits)

AFS-224 Music of The United States: The African-American Influence (4 Credits)

(Also CAT 224) Musical traditions brought to our country from abroad. The development of American musical culture from colonial times to the present, including a survey of African/American music from its tribal and colonial origins to the present. The sociological impact of jazz upon Western music and culture.

Requisites: Take WRT*105 or WRT 106; Minimum grade C-; - Must be completed prior to taking this course.

Honors option: AFS-224H Music of The United States: The African-American Influence - Honors (4 Credits)

AFS-225 African-American History from 1877-Present (4 Credits)

This course explores the African American struggle for freedom after Reconstruction. Of particular concern will be the economic, political, social and cultural struggles that African-Americans waged to secure freedom and justice in the face of racial segregation and injustice. This is the second course in the African-American survey.

Requisites: Take WRT 107 WRT 108 or WRT 109; Minimum grade C-; - Must be completed prior to taking this course.

Writing Intensive option: AFS-225WI African-American History from 1877-Present - Writing Intensive (4 Credits)

AFS-226 Literature of Race, Class, and Gender (4 Credits)

Varied works of literature that illustrate how different races, ethnic groups, genders, and classes view themselves and each will be studied. Included are works of Philip Roth, Mary Gordon, Ishmael Reed and AliceWalker.

Requisites: Take WRT 108/109; Minimum grade C-; - Must be completed prior to taking this course.

Writing intensive option: AFS-226WI Literature of Race, Class, and Gender - Writing Intensive (3 to 4 Credits)

AFS-232 Introduction to Islam (4 Credits)

This course will introduce the student to the basic beliefs and practices of Islam. It will also survey major historical, cultural, theological, and social developments. Special attention will be given to the Arabian origins of Islam and to its subsequent growth into a dynamic global tradition. The role of Islam in the modern world and its impact on American society will also be considered.

Requisites: Take WRT*108 or WRT*109; Minimum grade C-; - Must be taken either prior to or at the same time as this course.

AFS-233 Select Topics in African Studies (4 Credits)

Selected topics with Africana Studies focus. Prerequisite: As defined by the department offering the course.

Requisites: Take WRT 107 WRT 108 or WRT 109; Minimum grade C- - Must be completed prior to taking this course.

Writing Intensive Option: AFS-233WI Select Topics in African Studies - Writing Intensive (4 Credits)

AFS-241 Minority Groups and Race Relations (4 Credits)

(Also LLC/SOC/WMS 241) This course examines race, ethnicity, racism, prejudice, discrimination, majority-minority relations, and other intergroup relations from a sociological perspective, paying close attention to the experiences of the major racial/ethnic groups in the United States, namely, American Indians, European Americans, African/Americans, Latinos, and Asian Americans.

Requisites: Take PSY 100 or SOC 100; - Must be completed prior to taking this course.

AFS-241A Minority Groups and Race Relations (3 to 4 Credits)

(Also CSJ/LAC/WMS 241A) This course concerns racial and ethnic inequalities from a sociological perspective. It focuses on the fundamental concepts of race, ethnicity, prejudice, and discrimination as they have played an important role in the maintenance of those inequalities. As such, the course examines how racial and ethnic inequalities have prevented social justice to be fully achieved, especially in the US.

Requisites: Take PSY 100 or SOC 100; - Must be completed prior to taking this course.

Honors Option: AFS-241H Minority Groups and Race Relations - Honors (4 Credits)

AFS-248 Harlem Renaissance: Reflection on Art & Society (4 Credits)

Broad review of the literary period known as the Harlem Renaissance or the New Negro Movement. An examination of poetry, fiction, critical essays, art and music for social and aesthetic values projected in the artistic production of the day. Highlighting the transnational, transethnic texture of African-American social consciousness.

Requisites: Take WRT 108 or WRT 109; Minimum Grade C-; - Must be taken either prior to or at the same time as this course.

AFS-363 Major Writers Of The African Diaspora (4 Credits)

(Also ENG 363) WRITING INTENSIVE Multi/Transcultural & Global Awareness Distinguished writers of African, Afro-Caribbean, Afro-Latin and African-American heritage. Emphasis is upon the theory and practice of diaspora, and how it has shaped the literary voices of writers of African descent.

Requisites: Take WRT 107 WRT 108 or WRT 109; - Must be completed prior to taking this course.

Writing Intensive Option: AFS-363WI Major Writers Of The African Diaspora - Writing Intensive (4 Credits)

APG 111 Cultural Anthropology(4 Credits)

(Also LLC 111) An analysis of the theory and universality of culture from the historical, functional and structural approaches. Emphasis on cross-cultural comparisons as a basis for understanding contemporary society .

Requisites: None

BIO-111B General Biology: Cell (4 Credits)

This course is one of two introductory general biology courses. Topics include the origin of life, the cellular level of organization, the chemical/physical basis of life, genetics, and the molecular biology of gene expression.

Requisites: Take BIO 111L; - Must be taken either prior to or at the same time as this course.
Lab: BIO-111L General Biology: Cell (Lab) (0 Credits)

BIO-115 Selected Topics In Biology (3 to 4 Credits)

This course presents selected topics in biology. Topics may include evolution, biomechanics (e.g. flight), emerging diseases (e.g. AIDS, Ebola virus), history of biological science, antibiotic resistant pathogens, cancer, nutri- tion, biotechnology and human affairs, etc. As topics change, this course may be repeated for credit. 1 c.u. Science majors may not enroll in this course without the consent of the Instructor.

Requisites: None
Honor Option: BIO-115H Selected Topics In Biology - Honors (4 Credits)

BIO-121 General Biology: Diversity (4 Credits)

This course is one of two introductory general biology courses. Topics will include the evolu- tion, diversity, development, reproduction, physiology, ecology, and behavior of living organisms. Laboratory work will include naturalistic observation as well as experimentation and will emphasize the analysis, organization, and presentation of data.

Requisites: Take BIO 121L; - Must be taken either prior to or at the same time as this course.
Lab: BIO-121L General Biology: Diversity (Lab) (0 Credits)

BIO-200 Microbiology (4 Credits)

This course describes the structure, physiology and culture of bacteria and related organisms, their importance in nature and their relationship to human problems of food preservation, sanitation, disease, and immunity.

Requisites: None
Lab: BIO-200L Microbiology (Lab) (0 Credits)

BIO-205 Human Anatomy and Physiology I (4 Credits)

This course is a study of the organization of the human body, and the anatomy and physi- ology of the skeletal, muscular, and circulatory (heart and circulation) systems. It is the first part of a two part sequence. The laboratory experience will include study of mammalian anatomy.

Requisites: Take BIO 205L - Must be taken either prior to or at the same time as this course.
Lab: BIO-205L Human Anatomy and Physiology I (Lab) (0 Credits)

BIO-206 Human Anatomy and Physiology II (4 Credits)

This course is a study of the structure and physiology of the human circulatory (hema-tology), respiratory, nervous, "special senses", digestive, urinary, endocrine, reproductive, and integumentary systems. General information on cells and tissues will be presented. It is the second part of a two part sequence. The laboratory experience will include experiments in physiology.

Requisites: Take BIO 205 or BIO 121 - Must be completed prior to taking this course.
Honors Option: BIO-206H Human Anatomy and Physiology II - Honors (4 Credits)
Lab: BIO-206L Human Anatomy and Physiology II (Lab) (0 Credits)

BIO-211B Human Biology (4 Credits)

This course is a study of the life history of man from birth to death including a discussion of all major organ systems and how they function to maintain the organism in the environment. It will include the biology of sex and heredity of man. This course is designed primarily for majors other than biology, and will not count towards the biology major. Science majors may not enroll in this course without the consent of the Instructor.

Requisites: None

BIO-213A Molecular and Cellular Biology (4 Credits)

This course is an in-depth treatment of nucleic acid metabolism and cellular architecture. The lecture emphasizes the relationships between structure and function at the cellular level, while the laboratory component highlights recent developments in recombinant DNA technology.

Requisites: Take BIO 111 or BIO 200 - Must be completed prior to taking this course.
Take BIO 213L - Must be taken either prior to or at the same time as this course.
Honors Option: BIO-213H Molecular and Cellular Biology - Honors (4 Credits)
Lab: BIO-213L Molecular and Cellular Biology (Lab) (0 Credits)

BIO-305 Comparative Vertebrate Morphology (4 Credits)

No description available.

Requisites: Requisite with no print text exists - Must be completed prior to taking this course.
Take BIO 305L - Must be taken either prior to or at the same time as this course.
Honors Option: BIO-305H Comparative Vertebrate Morphology - Honors (4 Credits)
Lab: BIO-305L Comparative Vertebrate Morphology (Lab) (0 Credits)

BIO-309A Genetics (4 Credits)

This course introduces the student to the fundamental principles of mendelian, population, and molecular genetics. The biochemistry of genetic material, the physical basis of inheritance as well as the mode of expression of genetic material in individuals and populations will be covered. Laboratory experiments with statistics will demonstrate the principle of molecular, mendelian, and population genetics.

Requisites: Take BIO 213A and MTH 200 - Must be taken either prior to or at the same time as this course.

Honors Option: BIO-309H Genetics - Honors (4 Credits)

Lab: BIO-309L Genetics (Lab) (0 Credits)

BIO-317 Immunology (4 Credits)

This course is an introduction to the rapidly expanding field of immunology covering such topics as the immune response, (cellular and humoral) immunoglobulins, antigen-antibody reactions, immunohematology complement and cytotoxicity, immunopathology (hypersensitivity and autoimmune diseases), transplantation and oncoimmunology.

Requisites: Take BIO 213 - Must be taken either prior to or at the same time as this course.

Honors Option: BIO-317H Immunology - Honors (4 Credits)

BIO-320 Ecology (4 Credits)

This course is a study of the relationships between animals and plants and their environment. Population growth and species interactions, organization of biological communities, ecosystem structure and function (energy flow and biogeochemical cycles) will be discussed. Current examples ("case studies") of environmental problems will be examined to show the real application of basic ecological principles. Laboratory consists of experimental and descriptive laboratories with experience in field techniques.

Requisites: Take BIO 111, or BIO 121 and MTH 200; - Must be completed prior to taking this course. Take BIO 320L - Must be taken either prior to or at the same time as this course.

Honors Option: BIO-320H Ecology - Honors (4 Credits)

Lab: BIO-320L Ecology (Lab) (0 Credits)

BIO-333 Special Topics in Biology (4 Credits)

No description available.

Requisites: None

BIO-390A Science Internship (4 Credits)

No description available.

Requisites: None

Honors Option: BIO-390H Science Internship - Honors (4 Credits)

BIO-401 Biochemistry I (4 Credits)

(Also CHM 401) The course presents proteins, lipids, and carbohydrates from the perspective of organic functional group chemistry, physical chemistry, analytical chemistry, and biochemistry. The acid-base properties, kinetics, thermodynamics and reactions of these biomolecules will be covered. Structure correlated to function will be an integral component of the discussion. The course consists of lecture and recitation.

Requisites: Take CHM 301 - Must be completed prior to taking this course.

Honors Option: BIO-401H Biochemistry I - Honors (4 Credits)

BIO-402 Biochemistry II (3 to 4 Credits)

(Also CHM 402) This course covers the biochemistry of the nucleic acids and proteins. Topics include DNA replication, transcription, translation, gene regulation, and protein function. The overall regulation of metabolic pathways will also be addressed.

Requisites: Take BIO 213 - Must be completed prior to taking this course.

Honors option: BIO-402H Biochemistry II - Honors (4 Credits)

BIO-404 Biochemistry I (Lab) (2 Credits)

(Also CHM 404) The course considers the qualitative and quantitative aspects of protein, lipid, and carbohydrate analyses. The laboratory includes applications of wet chemistry, as well as analytical techniques such as chromatography [column, thin layer, paper, and high performance liquid chromatography (HPLC)], colorimetric and spectrophotometric analyses, polarimetry, titrimetry and statistical data analysis.

Requisites: Take CHM 303 - Must be completed prior to taking this course.

Writing Intensive Option: BIO-404WI Biochemistry I (Lab) (2 Credits)

BIO-405 Biochemistry II (Lab) (2 Credits)

(Also CHM 405) The course covers basic techniques for the extraction, purification, and characterization of DNA, RNA, and protein molecules.

Requisites: Take BIO 213 - Must be completed prior to taking this course.

BIO-430 Advanced Selected Topics in Biology (4 Credits)

Topics will include advanced subjects in major areas of the biological sciences. Topics may vary or be repeated. As topics vary, students may repeat the course for credit. Course unit value will be announced with the topic.

Requisites: BIO*205 OR PHY*105 - Must be completed prior to taking this course.

Honors Option: BIO-430H Advanced Selected Topics in Biology - Honors (4 Credits)

Lab: BIO-430L Advanced Selected Topics in Biology (Lab) (0 Credits)

BIO-450A Bioseminar (4 Credits)

The seminar is designed to bring upperclassmen in all biology concentrations together so that they can discuss the major principles of this discipline. The preparation of a literature research paper and its oral presentation develop the ability to critically assess the research literature, expose students to subject areas not encountered in previous courses, develop communication skills, and serve as a basis for continued learning in individual students' particular areas of interest.

Requisites: Take 5 courses from the Biology Department Take WRT 107, WRT 108 or WRT 109 - Must be taken either prior to or at the same time as this course.

Honors Option: BIO-450H Bioseminar - Honors (4 Credits)

Writing Intensive Option: BIO-450WI Bioseminar - Writing Intensive (4 Credits)

BIO-460A Bioresearch (4 Credits)

This course is an opportunity for advanced students to design and conduct experimental research with the assistance of a faculty member. Students will learn the techniques involved in carrying out a research project including: Literature search, experimental design and implementation, data collection and analysis, and presentation of results.

Requisites: Take 5 courses from the Biology department - Must be completed prior to taking this course.

Honors Option: BIO-460H Bioresearch - Honors (4 Credits)

BUS-107A Personal Financial Planning (3 to 4 Credits)

This course helps individuals understand personal financial planning. Specifically, the content of this course is geared to teach students how to prepare personal budgets and how to evaluate insurance requirements. The fundamentals of investment decisions will also be covered. Any student who has taken or is taking BUS 312 cannot take BUS 107 for credit.

Requisites: None

Honors Option: BUS-107AH Personal Financial Planning - Honors (4 Credits)

BUS-125 Business Mathematics (3 to 4 Credits)

This is an essential course for Business and Accounting majors and utilizes mathematical operations to solve practical business problems. The topics include whole numbers, fractions, decimals, solving equations, percentages with applications, simple interest, compound interest, percent value, annuities and sinking funds, sales, excise and property taxes, business statistics and reading and analyzing financial statements. The primary objective of this class is to ensure that business majors have the essential math skills to be successful in the Business and Accounting majors. This compliments the college core math classes. The math core is conceptual whereas this new class is totally focused on applications to business and word problems.

Requisites: None

BUS-200 Introduction to Management (3 to 4 Credits)

Introduction to the world of a manager, the knowledge needed, the process of managing, the actual practice of managing, and the adjustments to change that are important in the modern world.

Requisites: Take WRT 102, WRT 105A or WRT 106A Minimum grade C- - Must be completed prior to taking this course.

Honors Option: BUS-200H Introduction to Management - Honors (4 Credits)

BUS-215 Business Statistics (3 to 4 Credits)

This course is an introductory statistics course applying a hands-on approach to business problems using Microsoft Excel. Topics include the organization and presentation of data, measures of central tendency and dispersion, basic concepts of probability theory, sampling theory, statistical estimation, hypothesis testing, and regression analysis.

Requisites: Take BUS 125 or MTH 140/141 - Must be taken either prior to or at the same time as this course.

BUS-300 Introduction to International Business (3 to 4 Credits)

Introduction to the dynamic field of international business. Students will learn the basics of international business transactions, with particular regard to the differences between international and domestic transactions. Students will also be introduced to the range of career opportunities available in international business and in related fields such as international law and civil service. Topics to be covered will include: international business contracts; international business negotiations; international marketing; international public affairs and lobbying; international arbitration and litigation; international transport; multicultural management; and international electronic commerce.

Requisites: Take BUS 200 - Must be completed prior to taking this course.

BUS-308 Entrepreneurship (4 Credits)

Applying the principles of management to small business and entrepreneurship in retailing, wholesaling, manufacturing, and service industries. The importance of small business, its status, problems, and requirements for success.

Requisites: Take ACC 201, ACC 204, BUS 200 and BUS 314 - Must be completed prior to taking this course.

BUS-312A Managerial Finance (3 to 4 Credits)

Introduction to the principles of financial management. Topics include: analysis of financial statements, roles of financial managers, financial functions, preparation of cash budgets, pro forma financial statements; introduction to working capital management, capital budgeting, valuation theory.

Requisites: Take ACC 204B; ECN 210, ECN 211 and BUS 200 or consent of the Business Advisor - Must be completed prior to taking this course.

Honors Option: BUS-312H Managerial Finance - Honors (4 Credits)

BUS-313B Human Resource Management (3 to 4 Credits)

Analysis of the principles and practices of personnel (human resources) management, including personnel policy, selection, training and development, wages and salary administration, labor and employee relations, benefits administration and performance appraisal, how human resources departments function and their contribution to the organization.

Requisites: Business Majors take BUS 200; PSY 100 for non Business majors - Must be completed prior to taking this course.

BUS-314B Principles of Marketing (3 to 4 Credits)

Introduction to marketing of products and services. Topics covered include: external analysis, target market identification, market research, consumer behavior, product development, demand estimation and forecasting, pricing, distribution channels, advertising, sales promotion and public relations.

Requisites: Take BUS 200, ECN 210 and ECN 211 - Must be completed prior to taking this course.

BUS-316 Business Law I (3 to 4 Credits)

Fundamental principles of business law and practice and the Constitutional setting in which they are implemented. Structure of the law and the state and federal court systems, contract law, agency law, and the law of sales.

Requisites: Take BUS 200. - Must be completed prior to taking this course.

Honors option: BUS-316H Business Law I - Honors (4 Credits)

BUS-317 Organizational Behavior (3 to 4 Credits)

(Also PSY 317) The study of individual and group behavior in organizations. Key topics include job satisfaction; motivation; group dynamics, leadership; conflict and change; communication; job design; power and influence; organization concepts and design; organizational development.

Prerequisites: Junior standing.

Requisites: Take BUS 200 and BUS 313. For Sociology majors, at least one prior Sociology course. For Psychology majors, PSY 224, or PSY/SOC 230. For other majors, consent of the instructor. - Must be taken either prior to or at the same time as this course.

Honors Option: BUS-317H Organizational Behavior - Honors (4 Credits)

BUS-322A Employee Benefit Administration (4 Credits)

Major classifications and related costs of employee benefits; principal laws governing employee benefits; typical features of benefit plans including group health, disability, survivor and retirement protection, capital accumulation, time off with pay. Basic planning techniques.

Approaches for communicating with employees.

Requisites: Take BUS 313B - Must be completed prior to taking this course.

Honors Option: BUS-322H Employee Benefit Administration - Honors (4 Credits)

Writing Intensive Option: BUS-322WI Employee Benefit Administration - Writing Intensive (4 Credits)

BUS-325A Principles of Advertising (3 to 4 Credits)

Introduction to the role of advertising and sales promotion strategies and practices. Topics include: strategy development, creative design, copy development, media selection, the role of advertising agencies and campaign execution and evaluation.

Requisites: Take BUS 314 - Must be completed prior to taking this course.

Honors Option: BUS-332H International Financial Management - Honors (4 Credits)

Writing Intensive Option: BUS-332WI International Financial Management - Writing Intensive (4 Credits)

BUS-333 Selected Topics in Contemporary Business and Management (4 Credits)

A study of a major business issue, person or activity occurring in the contemporary business world. Possible topics: government deregulation; environment; social responsibilities; mergers; conglomerates; world trade; etc. May be repeated for credit as topics change.

Requisites: Take BUS 200 - Must be completed prior to taking this course.

Honors Option: BUS-333H Selected Topics in Contemporary Business and Management - Honors (4 Credits)

Writing Intensive Option: BUS-333WI Selected Topics in Contemporary Business and Management - Writing Intensive (4 Credits)

BUS-337 Sales and Sales Management (4 Credits)

Covers the fundamentals of professional selling and management of the selling function. Topics covered include: selling theories, recruiting, demand forecasting, account management, motivation, territory design and management, compensation and profitability.

Requisites: Requisite with no print text exists - Must be completed prior to taking this course.

BUS-341 Project Management (3 to 4 Credits)

Managing projects introduces new challenges to professionals and managers. This course examines the environmental factors which affect project management, and provides an exposure to the key tools and techniques which have been developed for this unique type of management.

Requisites: Take BUS 200 and one of the following mathematics courses: MTH 140, MTH 141, MTH 160 or MTH 161 - Must be completed prior to taking this course.

BUS-342 Management Information Systems (3 to 4 Credits)

Information requirements, planning, design, implementation, facilities, equipment, replacement of equipment, and control. Analysis of cost/benefit relationships to the total management effort.

Requisites: Take BUS 200 - Must be completed prior to taking this course.

BUS-353 Operations Management (3 to 4 Credits)

Techniques and strategies for managing manufacturing and service sectors. Provides perspectives for the production areas which include product planning, product/process design, facility layout, capacity planning, aggregate planning, materials, inventory control, scheduling and quality control.

Requisites: Take BUS 200 Corequisite: Take MTH 200 - Must be completed prior to taking this course. Take MTH 200 or BUS 215 - Recommended to be taken either prior to or at the same time as this course, but is not required.

Honors Option: BUS-353H Operations Management - Honors (4 Credits)

BUS-354 Marketing Research (3 Credits)

Basic concepts needed for marketing research. Students will study problem formulation, research design, data collection, questionnaire construction sampling techniques, analysis and reporting. Students will design and implement a marketing research project.

Requisites: Take BUS 314 and MTH 200/PSY 245 - Must be completed prior to taking this course.

BUS-355 Consumer Behavior (4 Credits)

Principles of behavioral and social science concepts applied to marketing situations. The importance of understanding consumer behavior in demand, brand, pricing, advertising, motivation and positioning decisions will be explored.

Requisites: Requisite with no print text exists - Must be completed prior to taking this course.

BUS-356 Business (Industrial) Marketing (4 Credits)

Application of marketing principles to industrial (Business-to-business) situations. Students will study the unique marketing situations found in non-consumer product, price, distribution and promotional decisions. Demand for industrial products will be studied. Intermediaries and distribution channels will be evaluated.

Requisites: Take BUS 314 - Must be completed prior to taking this course.

BUS-359 Leading Diverse Teams (3 to 4 Credits)

Teamwork has become a solution to many problems within organizations. This course will explore diversity, and how leaders can maximize team performance, innovation, and creativity.

The intent is to gain an understanding of diversity, as it applies to developing and implementing team initiatives within an organization.

Requisites: Take BUS 200 - Must be completed prior to taking this course.

BUS-362 Ethics and Leadership in Organizations (4 Credits)

This course will explore varied ethical issues from the business world in conjunction with models of leadership leading to how those ethical issues are resolved. The intent is to deepen and broaden student's learning about theories, models, and constructs related to the study and practice of ethics and leadership. This includes experiential learning activities and discussions that connect formal knowledge with real world experiences and includes one credit of experiential learning.

Requisites: Take BUS 200 - Must be completed prior to taking this course.

Honors Option: BUS-362H Ethics and Leadership in Organizations - Honors (4 Credits)

Writing Intensive Option: BUS-362WI Ethics and Leadership in Organizations - Writing Intensive (4 Credits)

BUS-364 Conflict Management and Resolution (4 Credits)

Conflict is unavoidable in the workplace. Whether collaborating with peers, managing direct reports, or dealing with difficult supervisors, conflict exists at all levels of an organization. This course will provide tools for managing interpersonal dynamics that may be encountered during performance reviews, interdepartmental collaboration, and partnering with external organizations.

Requisites: Take BUS 200 - Must be completed prior to taking this course.

Writing Intensive Option: BUS-364WI Conflict Management and Resolution - Writing Intensive (4 Credits)

BUS-365 International Human Resource Management (4 Credits)

The course will examine such issues as the globalization of the human resource strategy, the management and structure of global organization and the compensation of the expatriates. A framework for analyzing global human resource management issues will be developed within the context of the critical issues.

Requisites: BUS 300 or BUS 313 - Must be completed prior to taking this course.

BUS-366 Workplace Issues in Human Resource Management (4 Credits)

This course will provide a comprehensive overview of contemporary issues faced by human resource professionals. Topics will include such areas as employee rights, employment discrimination, wrongful discharge, employment-at-will, workplace violence, employee deception

and theft, employee assistance programs, QWL (quality of worklife) programs and the future director of the human resource function.

Requisites: Requisite with no print text exists - Must be completed prior to taking this course.

BUS-368 Labor Relations and Collective Bargaining (4 Credits)

This course provides an overview of the labor relations process in which management deals with employees who are represented by a union. The history of major labor unions and primary labor laws and court cases are explored, along with the general structure and operational aspects of today's labor organizations. Union certification, collective bargaining, and dispute resolution are discussed in detail. Students may also participate in a mock labor contract negotiation project and analyze sample grievances.

Requisites: Take BUS 313B - Must be completed prior to taking this course.

BUS-379 Organizational Change and Development (4 Credits)

This course focuses on the nature and processes of organizational change, and how to be an effective leader, change agent, and recipient of change. It emphasizes forces of change, change implementation process, qualities and skills of successful change leaders, and theories and management practices of how individuals and organizations change.

Requisites: Take BUS 200 - Must be completed prior to taking this course.

BUS-401 Business Policy (3 to 4 Credits)

A capstone course which stresses the basic concepts of strategic planning and strategic management, the strategic planning process, and why it is necessary. Students will analyze situations from a top management viewpoint and determine recommended solutions to organization-wide problems through the use of actual company cases and a simulation game.

Requisites: Take BUS 215 BUS 312A, BUS 314B Take ECN 210 and ECN 211 minimum grade C or higher Can take BUS 353 as Corequisite - Must be completed prior to taking this course. Take BUS 353; - Must be taken either prior to or at the same time as this course.

Honors Option: BUS-401H Business Policy - Honors (4 Credits)

BUS-412C Security Analysis (4 Credits)

Introduction to portfolio selection, technical analysis, brokers, description of securities, mutual fund investment and short term investments. In-depth introduction to fundamental analysis of securities investment valuation theory-expanded coverage of the capital asset pricing model, option pricing theory, derivatives investments, diversification and risk, statistical measures of risk, return, capital market behavior.

Requisites: Take BUS 312A - Must be completed prior to taking this course.

Honors Option: BUS-412H Security Analysis - Honors (4 Credits)

BUS-415A Problems and Cases in Human Resource Management (4 Credits)

Cases in personnel including the resolution of complex problems in the procurement, development, maintenance and utilization phases of personnel. Discussion of and selection from alternate solutions to actual business and industry problems.

Requisites: Take BUS 313B - Must be completed prior to taking this course.

BUS-421 Compensation Management (4 Credits)

Theory and practice of wage and salary administration. Job analysis and evaluation methods, survey techniques, economic and behavioral aspects of managing compensation, policy issues and current controversies in the field.

Requisites: Take BUS 313B - Must be completed prior to taking this course.

BUS-423 Training and Development (4 Credits)

Principles and methods of employee, supervisory and management training and development. Includes needs assessment, program/course development, training techniques, evaluation methods.

Requisites: Take BUS 313; PSY 100 - Must be completed prior to taking this course.

BUS-510 The Legal Environment (4 Credits)

The course will be the study of business law beyond contract law. Topics to be included are: commercial paper, secured transactions, real property, bankruptcy, securities regulations, accountants legal liability and insurance.

Requisites: Requisite with no print text exists - Must be completed prior to taking this course.

CAT-101A Creative Arts Workshop (2 Credits)

Come alive as a dancer, singer, actor or artist in a short course where you collaborate with others, try out a new art form, develop your talents, and learn a great deal about being creative and expressive. This is a rotating series of half-courses that fulfill the Aesthetic Appreciation requirement for General Education. May be repeated for credit.

Requisites: None

CAT-107 Introduction To Music Technology (3 to 4 Credits)

This course will provide hands-on experience recording, editing and mixing digital audio. Pro Tools and Digital Performer will be the primary software programs used on the Macintosh computer platform. The student will work with files that contain spoken work, sound effects and music files. In addition the student will be given the opportunity to work with audio files and QuickTime movie files. Students should be prepared to spend lab time out of class. For CAT majors only.

Requisites: None

Honors Option: CAT-107H Introduction To Music Technology - Honors (4 Credits)

CAT-108 Introduction To Game Design (3 to 4 Credits)

This course covers the broader aspects of the games industry such as its history, its current state and potential future evolution, and the team-based development environment. It then focuses on core game design concepts and their application as students create documentation and work in collaborative groups to develop analog games.

Requisites: None

Honors Option: CAT-108H Introduction To Game Design - Honors (4 Credits)

CAT-116 Movement For Animators And Filmmakers (4 Credits)

This course explores the movement of both humans and inanimate objects through the study of Commedia Dell Arte, mime, acrobatics, stage combat and street theatre. This knowledge is used in the creation of animation and film pieces, with special attention to such advanced technologies as motion capture and green screen.

Prerequisite: CAT major or consent of the Instructor.

CAT-120 Drawing I (3 to 4 Credits)

This course teaches basic drawing skills. Students will develop keener powers of observation by drawing still lifes, live models and nature. By analyzing the contours, surfaces, bone

structures-by measuring the curves and angles of the objects and people they draw, students will gain an appreciation of the world around them.

Requisites: None

CAT-121A CAT Foundation Studio (4 Credits)

This is a team-taught freshman foundation class, a platform for experimentation, collaboration and networking. After meeting as a large group, the class divides into rotating sections. Each professor creates a teaching environment to broaden students' background knowledge, connect them to a personal creative path and welcome them as members of the CAT community. Students must receive a grade of "C" or better to continue as a CAT major. This course may not be repeated without an approved petition from the Academic Standards Committee.

Requisites: None

CAT-124 Dance Jam I (4 Credits)

A participatory class offering an introduction to beginning jazz, hip-hop and theater dance technique. The technique focuses on yoga breathing through movement as fundamentals of ballet, jazz and modern elements are combined in class to reflect dance styles ranging from the street to the Broadway stage. The art of dance develops self-confidence in a fun, supportive environment.

Requisites: None

CAT-126 Digital Photography (3 to 4 Credits)

Study the history of photography and explore the aesthetic opportunities of digital cameras. Practice storytelling through the development of single and sequential images. Learn about the operational functions of a digital single lens reflex (SLR) camera, digital editing, digital retouching, color management and output, and lighting for studio shots.

Requisites: None

Honors Option: CAT-126H (4 Credits)

CAT-134 Drawing for 2D Animation (3 to 4 Credits)

Study the history of photography and explore the aesthetic opportunities of digital cameras. Practice storytelling through the development of single and sequential images. Learn about the operational functions of a digital single lens reflex (SLR) camera, digital editing, digital retouching, color management and output, and lighting for studio shots.

Requisites: None

CAT-150 History & Culture of Games (3 to 4 Credits)

No description available.

Requisites: CAT 108 - Must be completed prior to taking this course.

CAT-189A Bloomfield College of Montclair State University Concert Choir (2 Credits)

No description available.

Requisites: None

CAT-191 Beginning Piano I (2 Credits)

Group instruction offered in the electronic piano lab for students who have had no previous piano training. The emphasis will be on playing simple pieces, reading, basic keyboard harmony and elementary keyboard technique. This course does not carry General Education elective credit.

Requisites: None

CAT-192 Beginning Piano II (2 Credits)

A continuation of CAT 191. This course does not carry General Education elective credit.

Requisites: CAT-191

CAT-193A Introduction To Acting (2 Credits)

A hands-on practical introduction to basic techniques and concepts of acting. Theater games, movement exercises, and character improvisations serve as a foundation for later work on scripted scenes. Attendance, participation, and energy are essential, as most of the work and grade are based on what happens in the class.

Requisites: None

CAT-194 3D Design (4 Credits)

The study of sculpture begins with an understanding of three-dimensional forms in space: how to imagine, draw, construct or shape them using a range of scale and materials. We will explore the concepts of volume, shape, form, time, and light, and sound in a series of group and individual creative design projects.

Requisites: None

Honors Option: CAT-194H 3D Design - Honors (4 Credits)

CAT-200A Music Theory I (3 to 4 Credits)

The fundamentals of music including: notation, intervals, scales and chords are explored. Emphasis is placed on demonstrating the results of study realized through the successful completion of projects designed to exhibit the students' understanding of the topics presented. The following software packages will be used: Pro Tools, Reason, Digital Performer and Finale.

Requisites: CAT-107 must be taken either prior to or at the same time as this course.

CAT-201A Music Theory II (3 to 4 Credits)

A continuation of Music Theory I.

Requisites: CAT-200 must be completed prior to taking CAT-201

CAT-203A World Art I (3 to 4 Credits)

Great works of art give clues to the meanings and values of a culture. We will explore and compare the obvious and the hidden meanings of the art and architecture of the world's great cultures, from prehistoric time to the Gothic (12th century) period of European art. Special attention to the ancient cultures of Egypt, Greece, Rome, India, China, Africa, Mexico, and Peru.

Requisites: WRT-102, WRT-105, WRT-105A, WRT-106, WRT 106A - Must be completed prior to taking this course.

Honors Option: CAT-203H World Art I - Honors (4 Credits)

CAT-204 World Music (3 to 4 Credits)

A survey course designed to stimulate the interest in and understanding of the music of representative world cultures including: Native American, Sub-Saharan Africa, India and China. The focus will be on the comparison and contrast of both classic folk forms and more the contemporary forms as they continue to evolve and function in their individual cultures. The student is responsible for outside listening, research projects and field trips.

Requisites: WRT 105A or WRT 106A - Must be taken either prior to or at the same time as this course.

Honors Option: CAT-204H World Music - Honors (4 Credits)

CAT-205 Basic Sequencing (3 to 4 Credits)

Explores the MIDI programming language as it applies to digital music production on the Macintosh system platform. Course content and projects are designed to aid students in establishing both a comprehensive and creative approach to computer music composition. Software applications include Reason, Live, Pro Tools and Logic.

Requisites: CAT-107 - Must be completed prior to taking this course.

CAT-206B Screenwriting (3 to 4 Credits)

WRITING INTENSIVE. The focus is on writing a feature-length film and the basic elements of plot, protagonist, turning point, and resolution. You will be expected to complete a step outline of your story and the first act of your screenplay. (Also ENG-206)

Requisites: WRT-105 or WRT-106; Minimum grade C-; Must be taken either prior to or at the same time as this course.

CAT-207A Art Appreciation (4 Credits)

To appreciate art, it helps to know it firsthand by making art yourself: some sculpture, painting, printmaking, drawing, and new experimental forms. It also helps to hear what artists have to say about their work, to know some art history, and to leave a course knowing whose work you enjoy and why. This course provides you with this kind of first-hand experience.

Requisites: WRT-105 or WRT-106; Must be taken either prior to or at the same time as this course.

Honors Option: CAT-207H Art Appreciation - Honors (4 Credits)

CAT-208 Illustration And Graphic Design For Games (4 Credits)

Techniques derived both from traditional illustration, comic books, and the latest computer graphics software to create visual representations of characters, environments, props, and textures.

Requisites: CAT-108 Must be completed prior to taking this course.

Honors Option: CAT-208H Illustration And Graphic Design For Games - Honors (4 Credits)

CAT-210 Digital Audio Engineering I (Recording) (4 Credits)

(Formerly CAT 119) Working in a critical and collaborative environment, students learn and put to use the fundamentals of sound recording. Acoustics, microphone usage, studio techniques, and advanced sequencing are stressed. Students achieve proficiency in equalization, compression and reverb. CAT 210 is a hands-on audio recording course which emphasizes listening, creativity, and critical discourse around the past, present and future of recorded sound.

Requisites: CAT-107 or CAT-205 Must be completed prior to taking this course.

CAT-211C Artists of the 20th Century (4 Credits)

Paris as the bustling artistic and cultural nexus and the birthplace of Modernism. A study of the art and culture of France from 1870 to 1945, with focus on artists who changed our way of seeing: Manet, Degas, Monet, Renoir, Cezanne, Morisot, Cassatt, Van Gogh, Gauguin, Rodin, Claudel, Vuillard, Bonnard, Braque, Matisse, and Picasso.

Requisites: WRT-107 or WRT-108 or WRT-109 Must be completed prior to taking this course.
Honors Option: CAT-211CH Artists of the 20th Century - Honors (4 Credits)

CAT-213 Musical Improvisation (2 Credits)

Focus on the musical ensemble skills associated with improvisation. Course will be participatory, and bulk of the time in class will be spent playing music. Diverse cultural approaches to improvisation -African/American, South Indian, and European will be explored.

Requisites: None

CAT-214 Modern Art Of Latin America: 1900-1950 (4 Credits)

Important works of Latin American painting and sculpture from 1900-1950, emphasizing stylistic analysis and the relationship of the art to its socio-cultural context.

Requisites: ENG-107A or WRT-107 Must be completed prior to taking this course.

CAT-217A Drawing II (3 to 4 Credits)

Drawing is often considered a preliminary step towards achievement of an artist's final work in sculpture or painting. However, drawing is also an independent art form and is valued as the most direct, personal expression of the artist. Both aspects of drawing are studied in works by the world's old and modern masters. Students will gain greater understanding of drawing materials and formal problems by experimentation with chalk, charcoal, pen and ink, pencil, and pastels.

Requisites: None

Honors Option: CAT-217H Drawing II - Honors (4 Credits)

CAT-218A Painting (3 to 4 Credits)

Studio work in composition and color in acrylic or oils.

Requisites: None

Honors Option: CAT-218H Painting - Honors (4 Credits)

CAT-222 Global Art History (4 Credits)

The course includes at least a week of intensive group travel and study abroad. Our goal is to increase your appreciation of art history, to develop your communication with the enjoyment of people in another country, and to make you an experienced traveler. The best way to understand works of art and architecture is to see the originals in their country of origin. This course prepares you to study art history abroad by familiarizing you in advance in class with art in its cultural context. Students have found this course to be a life-changing experience.

Requisites: ENG-107A OR ENG-107B Must be completed prior to taking this course.

CAT-224 Music In The United States: The African/American Influence (4 Credits)

(Also AFS-224) Musical traditions brought to our country from abroad. The development of American musical culture from colonial times to the present, including a survey of African/American music from its tribal and colonial origins to the present. The sociological impact of jazz upon Western music and culture.

Requisites: WRT-102, WRT-105 or WRT-106 Must be completed prior to taking this course with a minimum C grade.

Honors Option: CAT-224H Music In The United States: The African/American Influence - Honors (4 Credits)

CAT-228 3D Stop-Motion Animation (4 Credits)

This course will explore the basics of motion animation using clay, puppets and many other 3D objects. Students will learn how to pitch an idea, develop a concept and work up a production schedule for exercises using cutouts, collage and clay, in 3D stop-motion techniques with digital cameras.

Requisites: None.

CAT-230 History of Animation (4 Credits)

(Formerly CAT 114) Writing Intensive Aesthetic Appreciation This class will explore the history and development of animation throughout the 20th century. Major social and technological movements and the effects they had on animators working at the time will be analyzed and discussed. This work will be examined to see how animation has developed as an art form. The class will read related texts and view historic and contemporary animation work.

Requisites: WRT-107, WRT-108 or WRT-109 Must be completed prior to taking this course.

Honors Option: CAT-230H History of Animation (4 Credits)

CAT-230WI History of Animation (4 Credits)

Writing Intensive Aesthetic Appreciation. This class will explore the history and development of animation throughout the 20th century. Major social and technological movements and the effects they had on animators working at the time will be analyzed and discussed. This work will be examined to see how animation has developed as an art form. The class will read related texts and view historic and contemporary animation work.

Requisites: WRT-107 Must be completed prior to taking this course.

CAT-232 Japanese Culture And Language (2 Credits)

Be it anime, judo, sushi, the films of Kurosawa, the cars of Toyota, or the latest game from Nintendo, Japanese culture is very much a part of the American way of life. This course offers a fascinating look at both traditional and contemporary Japanese art forms within the context of Japanese politics, history, and lifestyle. Text, film, multimedia, guests, and class trips will inspire and prepare you for a visit to Japan, and each class session will include lessons in speaking basic conversational Japanese.

Requisites: WRT-107, WRT-108 or WRT-109 Must be taken either prior to or at the same time as this course.

Honors Option: CAT-232H Japanese Culture And Language- Honors (2 Credits)

CAT-235 World Art II (4 Credits)

European art and architecture from the Renaissance to the late nineteenth century, taught from the perspective of international travel, trade, and cultural interactions. We will study works of art first-hand in New York and local museums and see the influence of key artists on each other, the evolution of their styles, technical practices, and content.

Requisites: WRT-107, WRT-108 or WRT-109 Must be taken either prior to or at the same time as this course.

CAT-236 Visual Design for Games (4 Credits)

Techniques derived from both traditional illustrations, comic books, and the latest computer graphics software to create visual representations of characters, environments, props, and textures.

Requisites: CAT-108 Must be completed prior to taking this course.

CAT-237 Group Game Project I (4 Credits)

This course focuses on the core processes for making a game as a collaborative group. Learn valuable preproduction and documentation skills that go beyond the initial Game Design Document. Manage the project with schedules, milestones, and an iterative development process that includes intensive testing, version control, and effective communication strategies.

Requisites: CAT-238 or CAT-253 Must be completed prior to taking this course.

CAT-238 Introduction to Game Programming (3 to 4 Credits)

Learn about the methodologies and tools that are used to program games. Topics include: Repositories/Revision Control, Paired/Extreme Programming, SCRUM/Agile Development, Rapid Prototyping, Multiple Processors/ Threads, Client/Server Basics, Debugging, and Remote

Programming. You will also learn how to evaluate and choose the proper game engine for a project.

Requisites: CMP-126 or CAT-253 Must be completed prior to taking this course.

CAT-243 Music And The Moving Image (4 Credits)

This course explores the history, theory and practice of collaborations between music and moving image artists. The major focus is on the works of the 20th century up to the present. Topics include music and film, video, and performance arts, exploring image-driven as well as music-driven works.

Requisites: WRT-108 or WRT-109 Must be taken either prior to or at the same time as this course.

CAT-244 Visual Communications (4 Credits)

Understanding the ways in which visual ideas function and what they represent in our media landscape of advertising, news and popular culture requires important navigational tools and critical thinking skills. This class will explore a range of concepts and theories used to acquire analytical approaches towards the achievement of visual literacy.

Requisites: WRT-107, WRT-108 or WRT-109 Must be completed prior to taking this course.

CAT-247 Design Thinking and Practice (4 Credits)

Students will collaborate across disciplines to identify a project, topic, or design idea of social significance they explore, question, research, and analyze leading to resolution. They will extend their learning experience through trips and virtual worlds to help them design and communicate their work with a public they identify. Discussing, collaboration, innovative research and varied technologies that accompany design practice will be tools for learning and expression in this course.

Requisites: None.

Honors Option: CAT-247H Design Thinking and Practice - Honors (4 Credits)

CAT-251A Hip Hop Theory (4 Credits)

An in-depth study of the elements of the various styles of American music that were to become hip-hop. Includes examination of how to formulate hip-hop lyrics and beats. Hands-on experience with sequencing software, computers and samplers and opportunities to rhyme and free-style to beats made by class members will also be provided.

Requisites: None.

CAT-253 Digital Game Design (4 Credits)

Game design is an interdisciplinary process. Learn the processes of rapid prototyping and interactive design, and develop a practice for conductive playtests, critiquing design, and presenting work to others.

Requisites: None.

Honors Option: CAT-253H Digital Game Design - Honors (4 Credits)

CAT-256 Digital Media Writing (4 Credits)

Communication Skills Writing in 21st century workplace s does not only involve typing emails and documents. In this class you will learn to compose in a variety of digital platforms by drawing upon both technical and rhetorical skills that you will develop over the course of the semester. Youwill deploy design processes with purpose,audience input, and revision in mind, building on your previous writing courses while com-posing for real audiences. (Also WRT 256)

Requisites: None.

Honors Option: CAT-256H Digital Media Writing - Honors (4 Credits)

CAT-257 Video I (3 to 4 Credits)

An introduction to video as a creative visual, auditory, and spatial medium. Students learn the fundamentals of video production with the goal of making original work in a the genres of single-channel, performance, and installation. Works by filmmakers and video artists are viewed and discussed. It is highly recommended that students take CAT 126 Digital Photography prior to enrolling in this class.

Requisites: None.

Honors Option: CAT-257H Video I - Honors (4 Credits)

CAT-258 Video II (3 to 4 Credits)

Students expand their video production skills while increasing their knowledge of the history and theory of video. The course focuses on advanced camera techniques, video installation and alternative video practices. The grammar and aesthetics of editing in the visual storytelling process will also be emphasized.

Requisites: None.

Honors Option: CAT-258H Video II - Honors (4 Credits)

CAT-259 Media Histories (3 to 4 Credits)

Writing Intensive Aesthetic Appreciation. This course examines the evolution of mechanically reproduced media and its inevitable application by the aesthetic community, beginning with the invention of the film camera (1800s) to digital technology (1940s) to the contemporary field of

interactivity, sound and image. This course discusses the convergence of the scientific, military, and political environments that spawned the employment of technology.

Requisites: WRT-107, WRT-108 or WRT-109 Must be completed prior to taking this course.

CAT-261 Interact and Interface (3 to 4 Credits)

The division between the physical and the digital is becoming increasingly blurred. This course will investigate the concept and design of interactive objects. Using an open-source platform such as Arduino, a series of hand-on exercises will expose the students to various techniques and encourage them for further inquiry. The basics of electricity and electronics, hardware hacking and prototyping will be explored.

Requisites: None.

CAT-263B 2D & 3D Digital Drawing for Graphics Production (3 to 4 Credits)

The foundation course for the study of graphic design. Students conceptualize solutions to communications problems by conducting research and creating preliminary sketches. Students participate in peer/instructor project review sessions. A portfolio of printed projects is produced at semester end.

Requisites: CAT-120 or CAT-194 Must be completed prior to taking this course.

CAT-264 Computer Imaging (3 to 4 Credits)

Students will use the latest version of Adobe PhotoShop, an essential tool for any visual artist working with computers-animators, graphic designers, web makers, special effects artists, multimedia and design professionals. This course teaches the advance principles of digital imaging and manipulation, including digitizing, editing, color correction, special effects and transformation techniques used by PhotoShop Pros. It will emphasize the methods used to scan and collage images from photographs, to retouch and alter these images and to create complex design solutions and illustrations. Students are required to register for laboratory time.

Requisites: CAT-121 Must be completed prior to taking this course.

Honors Option: CAT-264H (4 Credits)

CAT-265 Tabletop Game Design (4 Credits)

Explore games as systems and learn to solve increasingly difficult problems that require exploratory design and extensive testing to find a combination of mechanics that effectively solves each problem. Work individually and in groups to design, test, and build tabletop games.

Requisites: CAT-108 Must be completed prior to taking this course.

CAT-270B Web Design I (3 to 4 Credits)

The foundation course for the study of graphic design for the World Wide Web. This course teaches the student the language of the WWW (XHTML), its visual presentation (CSS), and how to communicate with one's audience. Focus is placed on including multimedia information in an interactive environment.

Requisites: None.

Honors Option: CAT-270H Web Design I (4 Credits)

CAT-276 Advanced Photography (4 Credits)

In this advanced studio course, students improve their creative and technical skills while exploring questions related to the status of the photographic medium and the art of photography through reading, discussion and assignments. Presentations on historical and contemporary artwork introduce various photographic genres and emerging technologies. Using Adobe Lightroom, students develop effective workflows for sorting and editing images, refine image adjustment skills, and perfect printing ability. As they work toward developing a personal visual language, participants experiment with new approaches to visual storytelling, sometimes pushing their projects beyond the still image.

Requisites: CAT-126 Must be completed prior to taking this course.

CAT-278 Digital Publishing (4 Credits)

This course provides students with the opportunity to learn the basics of layout design, typesetting, printing and binding a booklet, and how to create a webpage from an InDesign file with ease. Students choose their own research theme for the booklet.

Requisites: WRT-107, WRT-108 or WRT-109 Must be completed prior to taking this course.

CAT 286C Sound Design I: Audio for Video I (3 to 4 Credits)

Through project-based work, students will learn the process of creating audio for multimedia productions including film television, games, and the web. Topics include recording, mixing, editing, foley, worldizing, and dialogue replacement. The class will also examine the interplay between sound design and music and how to successfully create scores and ambiances. Aesthetics as well as technology will be discussed throughout the semester, and at the end, students will compile a reel of their work.

Requisites: CAT-107 Must be completed prior to taking this course.

CAT-300B MIDI Composition And Production I (3 to 4 Credits)

Students will explore compositional techniques through a survey of strategies of various musical parameters, through analysis and original composition and production projects.

Students will create original compositions and these will be critiqued in class and revised. Orchestration and arranging techniques will also be addressed.

Requisites: None.

CAT-301B MIDI Composition And Production II (4 Credits)

Students will explore compositional techniques through a survey of strategies of various musical parameters, through analysis and original composition and production projects. Students will create original compositions and these will be critiqued in class and revised. Orchestration and arranging techniques will also be addressed.

Requisites: CAT-300B Must be completed prior to taking this course.

CAT-302 Patchwork: A Quilter's Look At The World (4 Credits)

A hands-on quilting bee and a global look at women, past and present, as artists and workers in fabric. (Also WMS-302)

Requisites: WRT-107, WRT-108 or WRT-109 Must be completed prior to taking this course.
Honors Option: CAT-302H Patchwork: A Quilter's Look At The World - Honors (4 Credits)

CAT-304 Motion Graphics (4 Credits)

Be a part of the motion graphics craze - learn how to create bugs, lower thirds, opening animations - all the elements that are in demand for the NYC Metropolitan broadcast industry. Work on projects and become proficient at using AfterEffects, the state-of-the-art special effects digital video editing software.

Requisites: CAT-263 AND CAT-264 Must be taken either prior to or at the same time as this course.

CAT-305 Sound Design II: Audio for Video II (2 Credits)

(Formerly CAT-287) A continuation of the first semester, this course is focused on longer, more in-depth work. Through individual development as well as group projects, students will gain insight into the experience of working on a production team that will carry into the workplace. Further discussion of aesthetics and the role of sound in our visual world and sound and music in media will be explored.

Requisites: CAT-286 Must be taken either prior to or at the same time as this course.

CAT-308A Group Game Project II (4 Credits)

This course continues the focus on core methodologies for collaborative game development. The interactive development process will be enhanced through online communication

strategies, version control and a rigorous review process. In addition, students will gain a better understanding of the art pipeline for both 2D and 3D game engine environments.

Requisites: CAT-237 Must be taken either prior to or at the same time as this course.

Honors Option: CAT-308H Group Game Project II - Honors (4 Credits)

CAT-310 Digital Audio Engineering II (Mixing) (4 Credits)

(Formerly CAT 229) Working in a critical and collaborative environment students develop advanced recording projects and learn the art of mixing. Through focused listening, reading, discussion, group critique and disciplined studio practice, students begin to achieve professional quality in their work. Students learn advanced mixing techniques including customized effect, 3D listening, and precision editing. CAT 310 is a hands-on studio production course which emphasizes development of the ear, attention to detail, creativity, and critical discourse in sonic manipulation.

Requisites: CAT-210 Must be taken either prior to or at the same time as this course.

Honors Option: CAT-310H (4 Credits)

CAT-311 Business of Graphics (4 Credits)

This course was designed to provide you with the information and tools needed to begin a freelance or full-time career. Some of these include a comprehensive overview of business practices, systems and interpersonal skills. Among the subjects to be covered are the studio set-up, portfolio, resume, how to research and identify markets, promotion, taxes, copyright, negotiation and contracts.

Requisites: None.

CAT-323A Music Industry Essentials (4 Credits)

Exploration of the function, responsibilities and entitlements of an artist manager. Consideration of artist, producer, management contracts and master recording leases. Overview of copyright law and how it applies to the arts. Application for copyright registration, mechanical and synchronization licenses, music publishing, performing rights organizations and the issue of public domain will also be discussed.

Requisites: WRT-107, WRT-108 or WRT-109 Must be completed prior to taking this course.

CAT-327 Game Programming Studio (3 to 4 Credits)

What are the strengths and limitations of game engines? Further examine the tools used for game development to go beyond the fundamentals of programming.

Requisites: CAT-238A Must be completed prior to taking this course.

Honors Option: CAT-327H Game Programming Studio - Honors (4 Credits)

CAT-328 Artificial Intelligence for Games (4 Credits)

This is the all-important element that breaths life into those seemingly thinking creatures found in today's games. See how state machines, decision making, path finding, and both construction all play a role in making them believable.

Requisites: CAT-327 Must be completed prior to taking this course.

CAT-329 Character Design (2 Credits)

Character Design is a "drawing-heavy" course that covers character development and design techniques, models sheets and current software to achieve character creation for a variety of platforms. These genres include comics, the graphic novel, illustration, game, children's books, as well as 2D, 3D and Stop-Motion animation. Students will create characters that are unique, relatable, and experimental. The history of character design and character animation will be discussed as it applies to the course each week.

Requisites: CAT-134 Must be completed prior to taking this course.

CAT-332 Life Drawing for Motion (3 to 4 Credits)

Through a series of critical concerns in the analysis of an action and motion drawing, the student will be able to understand the difference between drawing for animation and drawing for illustration. The art of conveying gestures while learning the construction and mechanics of the human figure will be examined.

Requisites: None.

Honors Option: CAT-332H Life Drawing for Motion - Honors (4 Credits)

CAT-336 Designing Environments for Story (4 Credits)

Designing Environments for Story will focus on developing core skills used for layout and background design for animation production, drawing from life, perspective, composition, staging, understanding scripts, translating storyboards to layout, color theory, mood, camera movements, lenses, traditional and digital painting.

Requisites: CAT-134 Must be completed prior to taking this course.

CAT-361A 3D Modeling (3 to 4 Credits)

Students will learn to construct CG 3D models by breaking down complex shapes into simpler components that can be modified, transformed, and animated using the industry standards software in 3D computer generated model building and animation.

Requisites: None.

Honors Option: CAT-361H 3D Modeling - Honors (4 Credits)

CAT-362 Typography (3 to 4 Credits)

Study the historical development of type, typeface design, and the use of type as an expressive image. This course will teach you the typographical skills to succeed as a graphic designer.

Requisites: Successfully complete CAT-278 - Must be taken either prior to or at the same time as this course.

CAT-363 Advertising Concepts and Design (4 Credits)

Learn the methods graphic designers use to give products a brand identity. Explore ways to creatively and effectively execute the brand concept in print and digital design. Invent your own product and produce an ad campaign for it.

Requisites: CAT-264, CAT-268 Must be taken either prior to or at the same time as this course.
Honors Option: CAT-363H Advertising Concepts and Design - Honors (4 Credits)

CAT-364 Motion Capture With Motionbuilder (4 Credits)

This course is a practical approach to learning Motion Capture and the fundamentals of Motion Builder. Students will learn how to work with the motion capture data on a professional level with an emphasis on navigating the interface, importing and applying motion capture data to a virtual actor and virtual character. Concepts of character retargeting, filters, f-curves, plotting 3D data, constraints, cameras, rendering, lights, materials, and shades will also be addressed.

Requisites: CAT-361 Must be taken either prior to or at the same time as this course.

CAT-365 Art in Interdisciplinary Space (4 Credits)

This course is a collaborative interdisciplinary art class, which concentrates on the development of concepts through research and practice. As a semester-long project, students will be asked to write and invent a creation myth, do research around their project and implement their story through artwork.

Requisites: None.

CAT-366 Motion Design (3 to 4 Credits)

Students explore the fundamentals of time-based motion for animation, video and game using a combination of motion design, image compositing and Adobe After Effects. Emphasis will be on design, composition, conceptualization and ability to communicate ideas. Students also apply basic principles of storytelling to create short sequences and narrative works.

Requisites: CAT-257 or CAT-264 Must be completed prior to taking this course.

CAT-368A Immersive Design (4 Credits)

Problem Solving/Critical Thinking. What does it mean to create meaningful interactive experiences? Students will create interactive installations and environments. Contemporary software and hardware will be covered, with students creating physics projects. A variety of mechanisms (edge detection, color tracking, capacitance sensors, presence sensors, custom switches, ect) will be covered. Class discussions include topics of interactivity, art, media, design, space, and installation.

Requisites: WRT-107, WRT-108 or WRT-109 Must be completed prior to taking this course.

CAT-369 Game Theory And Analysis (4 Credits)

This course introduces game theory concepts and critical analysis with a focus on European game mechanics.

Requisites: CAT-108 Must be completed prior to taking this course.

CAT-370 Advanced Web Design (4 Credits)

This course provides the web site Creative Director with a working knowledge of the latest Internet technologies necessary for sophisticated interactivity and business-related functions. Topics include managing a web server, DHTML, XML, Java Script, CGI, FTP, Telnet, and databases. This course will keep pace with the most recent developments in the field.

Requisites: CAT-270 Must be completed prior to taking this course.

CAT-372 3D Animation (4 Credits)

(Formerly CAT 334 Character Animation II) This course continues with the latest industry standard software exploring more advanced 3D modeling construction along with a strong emphasis on the theories and principles of motion for animation.

Requisites: CAT-361 Must be completed prior to taking this course.

CAT-380A Internship I (3 to 4 Credits)

This semester-long internship is required of CAT majors in their junior year. Placement will be in professional settings appropriate to the student's area of specialization and where the student will have ample opportunity to actually use their new skills: theaters, art galleries, music production companies, television, video & radio studios, design firms, service bureaus, publishing houses, community service organizations, small businesses, and corporations. Field placement is required.

Requisites: Instructor permission required.

Honors Option: CAT-380H Internship I - Honors (4 Credits)

CAT-400 Pre-Capstone-Graphics (4 Credits)

Writing Intensive. This is an advanced imaging/print production class, designed to prepare students to conceptualize a Capstone project. Students tackle advanced creative challenges, acquire advanced production skills, and write and gain approval of a Capstone proposal.

Requisites: CAT-264 and CAT-270 Must be completed prior to taking this course.

Honors Option: CAT-400H Pre-Capstone-Graphics - Honors (4 Credits)

CAT-401 Advanced Synthesizer Programming & Electronic Music (2 Credits)

(Formerly CAT 321) Students learn the history, musical impact, and technical fundamentals of electronic music with an emphasis on analog synthesizers and their digital counterparts. Through directed listening, reading, and sonic experimentation, students become conversant in the history of electronic music and skillful in the exploration of sonic possibilities. This course may be taken three times for credit maximum.

Requisites: CAT-310 Must be completed prior to taking this course.

CAT-402 Pre Capstone-Developing a Recording Project (2 Credits)

(Formerly CAT 351) This is a project based class, and can serve as a preparation for the capstone preparation. Students focus on creativity and logistics of an audio production, through the process of class critiques.

Requisites: CAT-300 and CAT-410 Must be taken either prior to or at the same time as this course.

CAT-402A Pre Capstone-Developing a Recording Project (2 Credits)

(Formerly CAT 402) This is a project based class, and can serve as a preparation for the capstone preparation. Students focus on creativity and logistics of an audio production, through process of class- critiques.

Requisites: CAT-300 and CAT-410 Must be taken either prior to or at the same time as this course.

CAT-403 Pre-production Capstone-Animation (4 Credits)

This is an advanced animation pre-production class, designed to prepare students to conceptualize and write the proposal for their senior Capstone project. Before students can advance to CAT-420 Capstone, an approved proposal, including the treatment, a script/screenplay, storyboard and production schedule must be completed.

Requisites: CAT-228 or CAT-241 Must be taken either prior to or at the same time as this course.

Honors Option: CAT-403H Pre-production Capstone-Animation - Honors (2 Credits)

CAT-406 Preparing the Demo Reel (2 Credits)

The function of getting your work ready to be seen at festivals by enthusiasts and/or industry professionals, with the intention of getting your "foot in the door", is the basis of this course. We will address the most important factors for introducing yourself to the industry by preparing a diverse, high quality demo reel, featuring quality animation that shows you have a strong and clear understanding of animation principles. Whether your path is 2D, 3D or a more experimental Stop Motion, in a large commercial studio, an independent animator, or within the festival circuit, this course will investigate the current resources, and prepare you to take the best steps for that direction.

Requisites: None.

CAT-408A Pre-Capstone: Game Development (4 Credits)

This is the culmination course for collaborative game development methodologies. It is also the first half of the Capstone experience and incorporates several new pre-production tasks. Students will enter into a developer/publisher relationship with their faculty advisor and go through the necessary steps to get their projects green lighted. Then they will utilize all of their skills to create a working game prototype that is ready for detail and polish.

Requisites: This course is for students in Senior standing. CAT-308A Must be completed prior to taking this course.

Honors Option: CAT-408H Group Game Project - Honors (4 Credits)

CAT-409 Pre-Capstone: Expanded Media (4 Credits)

This is an advanced expanded media pre-production class, designed to prepare students to conceptualize and write the proposal for their senior capstone project. Before students can advance to CAT 420 Capstone, an approved proposal, including the treatment, script, storyboard, installation plan and production schedule must be completed.

Requisites: CAT-366 or CAT-368 Must be completed prior to taking this course.

CAT-410A Digital Audio Engineering III (Practicum) (4 Credits)

Working in a critical and collaborative environment students develop and complete a semester-long recording project of professional caliber. As a culmination of the DAE series, CAT 410 emphasizes project management, problem solving, originality and technical precision. Students direct the flow of the course which is tailored to meet the specific needs of their projects. Group critique, student-to-student feedback and collaboration are essential elements of the course.

CAT 410 is a hands-on studio production course which serves as a bridge to a creative and professional working dynamic.

Requisites: CAT-310 Must be completed prior to taking this course.

Honors Option: CAT-410H Digital Audio Engineering III (Practicum) - Honors (4 Credits)

CAT-420 Capstone Project I (4 Credits)

A final, major independent project undertaken by senior CAT majors under the supervision of departmental faculty. The intention is to create a work that will in some shape become part of the student's portfolio, to be used to market themselves after graduation from the program. Projects take many forms, depending on the student's talents and area of specialization: e.g., production of a videotape or audio tape; design and construction of a book; gallery exhibition of a significant number of works; performance of a solo show. The student must not only complete the project, but also publicize and market it in true entrepreneurial fashion. This course is required of departmental majors and all projects must be approved by a meeting of the departmental faculty. May be repeated for credit for a total of 2 semesters.

Requisites: Music majors must complete CAT-351 or CAT-410; all other CAT majors must have permission from their Advisor.

Honors Option: CAT-420H Capstone Project I - Honors (4 Credits)

CAT-430A Internship II (3 to 4 Credits)

This course has the same goals and requirements as Internship I, but the intention is to place the student in a situation at a higher technical level and with even more professional responsibility.

Requisites: Instructor permission required.

CAT 471 Advanced 3D Animation (4 Credits)

This course is a continuation of CAT-372 3D Animation, with further explanation and detailed understanding of the advanced functioning within industry standard 3D software. The emphasis will be on constructing intricate 3D models and complex animated scenes. The student will be required to produce, from start to finish, an original collaborated short animation utilizing technical and experimental effects learned throughout the semester.

Requisites: CAT-372 Must be completed prior to taking this course.

Honors Option: CAT-471H Advanced 3D Animation - Honors (4 Credits)

CHM-111 General Chemistry I (4 Credits)

This is a comprehensive introduction to the principles of chemistry. The course is intended primarily for students who are majoring in the natural sciences or enrolled in science-based pre-professional programs. Topics include atomic structure, chemical bonding, stoichiometry, patterns of reactivity, gas laws, thermochemistry, and quantum theory. The course consists of lecture, recitation, and one three hour laboratory per week.

Requisites: Take CHM 111L; Take MTH 160 or MTH 161; - Must be taken either prior to or at the same time as this course.

Honors Option: CHM-111H General Chemistry I - Honors (4 Credits)

Lab: CHM-111L General Chemistry I (Lab) (0 Credits)

CHM-112 General Chemistry II (4 Credits)

This course is a continuation of CHM 111. Topics covered include theories of covalent bonding, the liquid and solid states, physical properties of solutions, kinetics, equilibria, chemical thermodynamics, oxidation-reduction, and electrochemistry. The course consists of lecture, recitation, and one three-hour laboratory per week.

Requisites: Take CHM 111 and MTH 160/161 - Must be completed prior to taking this course.

Take CHM 112L - Must be taken either prior to or at the same time as this course.

Honors Option: CHM-112H General Chemistry II - Honors (4 Credits)

Lab: CHM-112L General Chemistry II (Lab) (0 Credits)

CHM-120 Fundamentals of Inorganic, Organic and Biochemistry (4 Credits)

This course covers selected principles of inorganic, organic and biochemistry in application to living systems. The course includes lecture, one hour of recitation, and three hours of laboratory per week. This course cannot be used to help fulfill the chemistry requirement for science majors.

Requisites: Take WRT 102, WRT 105 or WRT 106 - Must be taken either prior to or at the same time as this course. Take MTH 140 or MTH 141; - Must be taken either prior to or at the same time as this course.

Lab: CHM-120L Fundamentals of Inorganic, Organic and Biochemistry (Lab) (0 Credits)

CHM-211 Chemical Analysis and Instrumentation (4 Credits)

The course covers the theoretical and experimental principles of chemical analysis and ionic equilibria. Gravimetric, volumetric, electrometric, and instrumental methods are covered from the quantitative point of view. The course consists of lectures and recitation.

Requisites: Take CHM 112 - Must be completed prior to taking this course.

Lab: CHM-211L Chemical Analysis and Instrumentation (Lab) (2 Credits)

CHM-212 Chemical Analysis and Instrumentation Laboratory (2 Credits)

This four hour laboratory is associated with CHM211. The course emphasizes wet chemistry techniques which include gravimetric and volumetric methods of analysis. Separation methods such as chromatography are also discussed along with some spectroscopy. Instrumental techniques of IR, UV-VIS, HPLC and Atomic Absorption may also be explored.

Requisites: Take CHM 112 - Must be completed prior to taking this course. Take CHM 211 - Must be taken either prior to or at the same time as this course.

CHM-301 Organic Chemistry I (3 to 4 Credits)

This course is intended to be a year long study of the structure and reactions of organic compounds. The course focuses on functional groups and reaction mechanisms. Applications to compounds of general public interest are discussed. The course consists of lecture and recitation.

Requisites: Take CHM 112 - Must be completed prior to taking this course.
Honors Option: CHM-301H Organic Chemistry I - Honors (4 Credits)

CHM-302 Organic Chemistry II (4 Credits)

This course is a continuation of CHM 301.

Requisites: Take CHM 301 - Must be completed prior to taking this course.
Honors Option: CHM-302H Organic Chemistry II - Honors (4 Credits)

CHM-303 Organic Chemistry I Laboratory (2 Credits)

This four hour laboratory is associated with CHM 301. The course can (but doesn't have to) be taken concurrently with CHM 301. The course includes basic organic chemical instrumentation, analysis, and techniques.

Requisites: Take CHM 301 - Recommended to be taken either prior to or at the same time as this course, but is not required.
Honors Option: CHM-303H Organic Chemistry I Laboratory - Honors (2 Credits)
Writing Intensive Option: CHM-303WI Organic Chemistry I Laboratory - Writing Intensive (2 Credits)

CHM-304 Organic Chemistry II Laboratory (2 Credits)

This four hour laboratory is associated with CHM 302 and is a continuation of CHM 303. In addition to wet chemistry, the course includes lectures and laboratory exercises on the topics of nuclear magnetic resonance and infrared spectroscopies.

Requisites: CHM 301 and CHM 303 - Must be completed prior to taking this course.

Take CHM 302 - Recommended to be taken either prior to or at the same time as this course, but is not required.

Writing Intensive Option: CHM-304WI Organic Chemistry II Laboratory - Writing Intensive (2 Credits)

CHM-311 Physical Chemistry I (4 Credits)

This course is a formal development of thermodynamic and equilibrium principles and their application to both chemical reactions and a variety of physical, biological, and engineering processes. The course includes lecture and recitation.

Requisites: Take CHM 112 MTH 222C PHY 105; - Must be completed prior to taking this course.
Honors Option: CHM-311H Physical Chemistry I - Honors (4 Credits)

CHM-312 Physical Chemistry II (4 Credits)

This course presents a formal development of kinetics and theories of molecular structure with applications to chemical reactivity as well as physical and biological properties. The course includes lecture and recitation.

Requisites: Requisite with no print text exists - Must be completed prior to taking this course.

CHM-313 Physical Chemistry I Laboratory (2 Credits)

This four hour laboratory is associated with CHM 311. Laboratory work emphasizes measurement of thermodynamic data such as heats of combustion, heat capacities, enthalpies, and free energies. Physical properties of materials are also explored and data are presented with construction of phase diagrams.

Requisites: Take CHM 112 and MTH 221C; - Must be completed prior to taking this course. Take CHM 311 AND PHY 106 - Must be taken either prior to or at the same time as this course.

CHM-314 Physical Chemistry II Laboratory (2 Credits)

This four hour laboratory is associated with CHM 312. Laboratory work emphasizes measurement of kinetic data and properties of materials associated with structure and bonding. Rate laws and proposed mechanisms are determined by initial rate or integrative methods. Spectroscopic and other instrumental methods are used to determine structures.

Requisites: CHM 311 CHM 313 PHY 211 - Must be completed prior to taking this course.

CHM-401 Biochemistry I (4 Credits)

(Also BIO 401) The course presents proteins, lipids, and carbohydrates from the perspective of organic functional group chemistry, physical chemistry, analytical chemistry, and biochemistry. The acid-base properties, kinetics, thermodynamics and reactions of these biomolecules will be

covered. Structure correlated to function will be an integral component of the discussion. The course consists of lecture and recitation.

Requisites: Take CHM 301 - Must be completed prior to taking this course.

Honors Option: CHM-401H Biochemistry I - Honors (4 Credits)

CHM-402 Biochemistry II (3 to 4 Credits)

(Also BIO 402) This course covers the biochemistry of the nucleic acids and proteins. Topics include DNA replication, transcription, translation, gene regulation, and protein function. The overall regulation of metabolic pathways will also be addressed.

Requisites: Take BIO 213 - Must be completed prior to taking this course.

Honors Option: CHM-402H Biochemistry II - Honors (4 Credits)

CHM-404 Biochemistry I Laboratory (2 Credits)

(Also BIO 404) The course considers the qualitative and quantitative aspects of protein, lipid, and carbohydrate analyses. The laboratory includes applications of wet chemistry, as well as analytical techniques such as chromatography [column, thin layer, paper, and high performance liquid chromatography (HPLC)], colorimetric and spectrophotometric analyses, polarimetry, titrimetry and statistical data analysis.

Requisites: Take CHM 303 - Must be completed prior to taking this course.

Writing Intensive Option: CHM-404WI Biochemistry I Laboratory - Writing Intensive (2 Credits)

CHM-405 Biochemistry II Laboratory (2 Credits)

(Also BIO 405) The course covers basic techniques for the extraction, purification, and characterization of DNA, RNA, and protein molecules.

Requisites: Take BIO 213 - Must be completed prior to taking this course. Take CHM 402 - Recommended to be taken either prior to or at the same time as this course, but is not required.

CHM-414 Advanced Inorganic Chemistry (4 Credits)

The course approaches modern inorganic chemistry by integrating descriptive and physical principles using molecular orbital theory to describe chemical bonding and reactivity. Structures, magnetic properties, and spectra of transition metal complexes are described using the crystal and ligand field theories. Special topics, such as, catalysis, organometallics, and bioinorganics are included. The course includes lecture and recitation.

Requisites: Requisite with no print text exists - Must be completed prior to taking this course.

CHM-415 Advanced Inorganic Chemistry Laboratory (2 Credits)

This four hour laboratory is associated with CHM 414. Laboratory work emphasizes the syntheses and characterization of transition metal complexes.

Requisites: CHM 211 CHM 212 - Must be completed prior to taking this course.

Take CHM 414 - Must be taken either prior to or at the same time as this course.

CHM-450 Chemistry Seminar (2 Credits)

The seminar is intended to serve as a capstone experience for chemistry and biochemistry majors. Students will learn how to search the literature in their area of concentration, prepare two well-researched papers (one short, one long), and present those papers in front of their peers, as well as faculty in the discipline.

Requisites: None

Writing Intensive Option: CHM-450WI Chemistry Seminar - Writing Intensive (2 Credits)

CHM-461 Chemistry Research (1 to 4 Credits)

This is a one or two semester course consisting of library and laboratory research. Credit may be arranged in advance by the advisor, but may not exceed one course each term.

Requisites: None

Honors Option: CHM-461H Chemistry Research - Honors (4 Credits)

CMP-100A Computer Literacy (4 Credits)

Primarily through self-study and computer based training, students will develop essential skills in software for word processing, presentations, and spreadsheets. The bulk of the course will be devoted to preparing students to be able to leverage current, emerging, and future technologies. Topics include the application of computers to major career disciplines, the internet, Web 2.0, the impact of computers on society, and emerging and disruptive technologies. Students cannot receive credit for both CMP 100 and CMP 108.

Requisites: None

CMP-108 Spreadsheet Essentials (3 to 4 Credits)

Students will develop essential spreadsheet skills to solve business problems. Students will learn how to create and format a workbook and work with formulas, functions, charts, and graphics. Students will also learn to use PivotTables and PivotCharts, advanced formulas and functions, how to manage multiple worksheets, and other advanced techniques.

Requisites: None

CMP-120 Cyber Crime (3 to 4 Credits)

This course provides an overview of the various forms of cyber crime and the methods, thought process and tools used by criminals. Criminology theories such as conflict, control and strain will also be discussed. The impact of cyber crime and public policy implications will also be explored.

Requisites: None

CMP-126A Programming I (3 to 4 Credits)

An introduction to the problem solving process, numerical methods, algorithms and algorithm design. Basic principles of software engineering, program design, coding, debugging, and documentation are introduced. Structured and object-oriented programming is taught using the Java platform.

Requisites: None

CMP-130 Intro to Data Visualization (3 to 4 Credits)

The class will discuss contemporary visualizations and critique their effectiveness in conveying information. Students will learn techniques for visualizing multivariate, temporal, text-based, geospatial, hierarchical, and network-based data. Students will learn how to acquire, parse, and analyze datasets and the process of encoding data visualizations to achieve aesthetically pleasing, effective communication.

Requisites: Take MTH 140, MTH 141, MTH 160 or MTH 161 - Must be completed prior to taking this course.

Honors Option: CMP-130H Intro to Data Visualization - Honors (4 Credits)

CMP-211 Mobile Applications (3 to 4 Credits)

This course will provide instruction on developing, deploying and maintaining applications for mobile devices that use the Android and IOS platforms. Students will develop applications that function solely on the device and applications that integrate with Web Services.

Requisites: Take CMP 126A - Must be completed prior to taking this course.

CMP-226B Programming II (3 to 4 Credits)

A continuation of CMP 126. Continued development of design, coding, debugging, and documentation. Topics covered include Servlet, Java Server Pages, Web Application, polymorphism, overloading along with the most common aspects of Java.

Requisites: Take CMP 126A with a minimum grade of C or higher - Must be completed prior to taking this course.

CMP-228A Data Structures (4 Credits)

Emphasis is placed on the importance of efficient data structures and algorithms in design and implementation. The classic data structures include arrays, strings, list, linked lists, stacks, queues, trees, and graphs and iterative and recursive programming techniques. Algorithms include sorting and searching with emphasis on complexity and efficiency.

Requisites: Take CMP 226 with a minimum grade of C - Must be completed prior to taking this course.

Honors Option: CMP-228H Data Structures - Honors (4 Credits)

CMP-235 Web Programming (3 to 4 Credits)

An introduction to web design concepts and technology, this course covers the fundamentals of the Internet, browsers, web servers, and web programming languages. Students will gain extensive experience using HTML and CSS.

Requisites: Take CMP 226B - Must be taken either prior to or at the same time as this course.

Honors Option: CMP-235H Web Programming - Honors (4 Credits)

CMP-300A Systems Analysis and Design (4 Credits)

An introduction to the fundamental concepts of systems analysis and design. The role of the system analyst and the training skills required to function in this position are presented.

Students will do application analysis, including modeling of processes and data and transformation of analysis results into a design for a specific computer environment. Design of programs, system testing, evaluation, conversion and documentation will also be discussed. The life cycle concept and its application to business systems are also discussed.

Requisites: Take CMP 126 - Must be completed prior to taking this course.

Honors Option: CMP-300H Systems Analysis and Design - Honors (4 Credits)

Writing Intensive Option: CMP-300WI Systems Analysis and Design - Writing Intensive (3 to 4 Credits)

CMP-322B Introduction to Operating Systems (4 Credits)

No description available.

Requisites: Take CMP 225 OR CMP 226B - Must be completed prior to taking this course.

CMP-328B Programming III (4 Credits)

A continuation of CMP 226. Additional topics in programming theory are discussed using object-oriented programming languages and platforms. Students develop business-related projects using standard objects ranging from low level data structures to high level graphical user interface objects.

Requisites: CMP 226B - Must be completed prior to taking this course.

Honors Option: CMP-328H Programming III - Honors (4 Credits)

CMP-330B Database Management (3 to 4 Credits)

This course focuses on modern database theory and use. Students will learn and have hands-on practice with major Databases topics including database use in application and analytics, relational table structure, unstructured data, SQL language, efficient data structures and indexing, secure data storage and access, triggers, and search and analysis functionality. Students will design their own databases and will implement code that interacts with these databases to CRUD (create, read, update, delete) and analyze data.

Requisites: Take CMP 300 - Must be completed prior to taking this course.

CMP-333 Selected Topics in Computer Information Systems (4 Credits)

Special topics of current interest in computer and information systems. Topics may include Expert Systems, Data mining, Computer graphics, Assembly language, etc. Content varies each offering. Course may be repeated for credit as topics change.

Requisites: Take CMP 226B with a minimum grade of C or higher. - Must be completed prior to taking this course.

Honors Option: CMP-333H Selected Topics in Computer Information Systems - Honors (4 Credits)

CMP-336 Database Implementation (4 Credits)

This course offers students an extensive introduction to data server technology. The class covers the concepts of both relational and object relational databases and the powerful SQL programming language. Students are taught to create and maintain database objects and to store, retrieve, and manipulate data. Students learn to retrieve data by using advanced techniques such as ROLLUP, CUBE, set operators, and hierarchical retrieval. They also learn to write SQL and SQL*Plus script files to generate report-like output. Demonstrations and hands-on practice reinforce the fundamental concepts.

Requisites: Requisite with no print text exists - Must be completed prior to taking this course.
Honors Option: CMP-336H Database Implementation - Honors (4 Credits)

CMP-342 Management Information Systems (3 to 4 Credits)

Information requirements, planning, design, implementation, facilities, equipment, replacement of equipment, and control. Analysis of cost/benefit relationships to the total management effort.

Requisites: Take BUS 200 - Must be completed prior to taking this course.

CMP-460 Applied Systems Development Project (4 Credits)

Students function as teams of analysts and programmers to complete a comprehensive system development project(s). Teams analyze selected programs, design a system to solve the problem including project specifications, system flow-chart and timeline for completion. Systems analysis and programming skills will be emphasized. Teams will make formal presentations of their results.

Requisites: None

Honors Option: CMP-460H Applied Systems Development Project - Honors (4 Credits)

CMP-490 Computer Science Internship (4 Credits)

A semester-long field experience affording practical application of computer systems. A minimum of 10 hours per week of field work. Attendance at a weekly on-campus seminar required. Internships arranged by appropriate faculty or approved by the faculty if arranged by the student. Credit for this course may not be obtained through life/learning assessment.

Requisites: None

Honors Option: CMP-490H Computer Science Internship - Honors (4 Credits)

COM 122 Public Speaking (3 to 4 Credits)

(FORMERLY JOU 122) This course focuses on the theory and skills of preparing and presenting public speeches. The emphasis in this course is on practice and evaluation of classroom presentations and professional speeches. Co-requisite WRT*102, WRT*105 or WRT*106.

Requisites: Take WRT 102, WRT 105 or WRT 106 - Must be taken either prior to or at the same time as this course.

COM 128 Introduction to Mass Communication (3 to 4 Credits)

(Formerly JOU 128) The nature and effect of contemporary mass media; history of the mass media; regulations regarding present and future uses; economic restraints and social control.

Requisites: None

COM 213 Oral Interpretation of Literature (4 Credits)

Oral interpretation is defined as the study of literature through performance. The course is designed to train students to use their bodies and voices to interpret poetry, drama and prose, children's literature, world literature and documentary material. Students will present literature in individual and ensemble performances. Prerequisites: WRT 107, WRT*108 or WRT*109 with a final grade of C- or better and a 200 level HUM

Requisites: Take WRT 107, WRT 108 or WRT 109; Minimum grade C- or higher - Must be completed prior to taking this course.

COM 224WI Journalism I (4 Credits)

This course focuses on the basics of journalism reporting and writing. It will introduce students to the fundamentals as well as modern techniques in news gathering and writing. Students will report and write stories as an entry level journalist. Sessions will involve class writing as well as discussions and analysis of news coverage.

Requisites: Take WRT 108 or WRT 109; - Must be completed prior to taking this course.

COM 234 Digital Journalism (4 Credits)

The course builds on journalism basics and applies these to writing for digital media and producing multimedia journalism. Students will learn how to report, write, and produce for digital

publications, and how to effectively utilize 21st century journalism applications and technology including blogging, social media, and multimedia. Prerequisites: WRT 107 or WRT 108 or WRT 109; COM 224.

Requisites: Take WRT 107, WRT 108 or WRT 109 Take JOU 224 - Must be completed prior to taking this course.

COM 244 News Gathering (4 Credits)

The course is designed to enable students to gain proficiency in gathering information from reliable sources through conducting interviews, researching on the internet and examining public documents. Prerequisites: COM*128; WRT 107 or WRT 108 or WRT 109.

Requisites: Take COM 128 AND WRT 108 or WRT 109 - Must be completed prior to taking this course.

COM 247 Writing for Radio and Television (4 Credits)

This course is designed to introduce students to the mechanics of writing for the electronic media of radio and television. Primarily devoted to broadcast news writing, students will also learn how to create special formats such as sports, specials and commentary. Prerequisites: WRT 108 or WRT 109;

Requisites: Take WRT 108 or WRT 109; - Must be completed prior to taking this course.

COM-248 JOURNALISTIC WRT TV&IND PROD (4 Credits)

This course empowers students to write and develop original video journalism for television and today's social media and streaming platforms. Using cost-effective apps, students will learn the steps for professional fact-driven scripting by gathering interviews and other video elements to write original news stories.

Requisites: TAKE WRT 108 or WRT 109 TAKE JOU 244 or COM 244; - Must be completed prior to taking this course.

COM 266 Radio Production I (4 Credits)

This course introduces students to the basic operation of a radio studio. It includes writing, producing, and announcing. Prerequisite: WRT 108 or WRT 109 with a final grade of C- or better.

Requisites: Take WRT 108 or WRT 109; Minimum grade C-; - Must be completed prior to taking this course.

COM 280 Sports Journalism (4 Credits)

This course will focus on all aspects of sports journalism, including reporting, editing, writing, and producing. Students learn skills needed for digital, print, and broadcast.

Requisites: Take WRT 108 or WRT 109 - Must be completed prior to taking this course.

COM 357 Broadcast Journalism (4 Credits)

(Formerly JOU 357) This course is designed to involve students in the writing, reporting and producing of news for radio and television. They will develop skills and techniques needed to work in broadcast news. Prerequisite: COM 248.

Requisites: Take COM*248 (JOU 247) - Must be completed prior to taking this course.

COM 366 Digital Radio and Podcasting (4 Credits)

(Formerly JOU 366) This is an advanced radio production course which focuses on producing and directing programs which will be aired on the campus radio station. Prerequisite: JOU*266.

Requisites: Take COM*248 (JOU 247) - Must be completed prior to taking this course.

COM 370 Media Ethics (4 Credits)

The purpose of this class is to help students understand the need for ethics in society especially as it pertains to the media. They will also learn how to make ethical decisions using the principles they have learned. Prerequisite: COM 244

Requisites: Take JOU/COM 244; Must be completed prior to taking this course.

COM 375 Mass Media Research (4 Credits)

(FORMERLY JOU 375) This course is designed to help students learn the different research approaches used in mass media research and to apply those approaches to a research project.

Requisites: Successfully Complete COM 224WI - Must be completed prior to taking this course.

COM 390 Communication Internship (3 to 4 Credits)

Field study in newspapers, television and radio stations, advertising and public relations firms, and other communications institutions. Field placement required. Prerequisites: JOU 128 and at least three other courses in the Communication concentration. Junior standing and consent of the Instructor. This course may be repeated once for credit.

Requisites: JOU 128 and 3 other JOU courses - Must be completed prior to taking this course.

COM 440 Communication Capstone (3 to 4 Credits)

COM 440 COMMUNICATION CAPSTONE (Formerly JOU 440) A final major independent project undertaken by communication majors under the supervision of a department faculty member. Prerequisite: JOU*357, or consent of the Instructor

Requisites: Take JOU 357 or COM 357 - Must be completed prior to taking this course.

CRW-120 Introduction to Creative Writing (3 to 4 Credits)

Introduction to the craft of writing. Frequent in-class and home assignments to explore various writing techniques and hone developing skills. This course culminates in a final portfolio of completed fiction, poetry and short drama. Designed primarily for freshmen.

Requisites: Take WRT 102 OR WRT 105 OR WRT 106; - Must be taken either prior to or at the same time as this course.

CRW-206A Screenwriting (3 to 4 Credits)

The focus is on writing a feature-length film and the basic elements of plot, protagonist, turning point, and resolution. You will be expected to complete a step outline of your story and the first act of your screenplay.

Requisites: Take WRT 102 or WRT 105 or WRT 106 Minimum grade C-; - Must be completed prior to taking this course.

CRW-234 Special Topics in Writing (3 to 4 Credits)

Special focus in the study of writing, such as children's literature, sports writing, travel writing and memoir. Can be repeated for credit.

Requisites: Take WRT 107, WRT 108 or WRT 109 - Must be completed prior to taking this course.

CRW-257 Intermediate Fiction Writing (4 Credits)

Through the study & practice of reading and writing fiction, students will analyze the work of published authors and apply established narrative techniques to their own writings. In instructor-led workshops, students will give as well as take constructive criticism, in order to generate a revised portfolio of their own works of fiction.

Requisites: Take ENG 120 - Must be completed prior to taking this course.

CRW-271 Intermediate Poetry Writing (3 to 4 Credits)

Through the student and practice of reading and writing poetry, students will analyze the works of published poets and apply established poetic techniques to their won writings. In instructor-led workshops, students will give as well as take constructive criticism, in order to generate a revised portfolio of their own poems.

Requisites: Take ENG 120 or CRW 120; - Must be completed prior to taking this course.

CRW-309 Advanced Fiction Writing (4 Credits)

Intensive work in fiction writing within the context of contemporary fiction. Study of modernist and post-modernist techniques. Frequent writing assignments designed to help students gain technical control of their writing and find their individual writer's voice. This course culminates in a portfolio of original fiction (short stories or a novel in-progress) and a public reading of original fiction for the College community.

Requisites: Take WRT 107, WRT 108 or WRT 109 Minimum grade C-; and take CRW*120; - Must be completed prior to taking this course.

CRW-325A The Literary Magazine (4 Credits)

A project-centered course in which students learn the editorial, proofreading and production skills necessary to produce a professional literary magazine. Some discussion also of the role of the literary magazine in contemporary writing and in the history of American letters. Culminates in the production of Blink, Bloomfield College's literary magazine. Can be repeated once for credit.

Requisites: Take CRW 120 - Must be completed prior to taking this course.

CRW-341 Advanced Poetry Writing (4 Credits)

Intensive work in poetry writing within the context of contemporary poetry. Study of the competing schools of modern poetry, from the New Formalists to the Nuyoricans. Frequent writing assignments designed to help students find their individual poetic voice. This course culminates in a portfolio of original poetry and a public reading of original poetry for the College community.

Requisites: Take WRT 108 or WRT 109; Minimum grade C-; Take ENG 120 or CRW 120; - Must be completed prior to taking this course.

CRW-348 Creative Nonfiction (4 Credits)

Writing Intensive Intensive work in creative nonfiction, including the memoir, personal essay, epistolary forms and travel writing. Frequent writing assignments designed to help students find an individual writing voice and hone their skills in prose. Culminates in a portfolio of original prose and a public reading for the college community.

Requisites: Take WRT 108 or WRT 109 minimum grade C- or higher and ENG/CRW 120 - Must be completed prior to taking this course.

CRW-460 Senior Thesis in Creative Writing (3 to 4 Credits)

For English/Writing Concentration majors only. Preparation of a final undergraduate portfolio of original poetry or fiction. In-depth study of one craft element in a twentieth century writer's work.

Solo reading of original work for the Humanities Division and the College community. (Formerly ENG 460)

Requisites: Take ENG 309 or ENG 341 and WRT 107, WRT 108 or WRT 109 - Must be completed prior to taking this course.

CSJ-101 Introduction to Justice Systems and Systems of Inequality (3 to 4 Credits)

Introduction to Justice Systems and Systems of Inequality This course is an introductory overview of the justice systems and systems of inequality present in American society. The course focuses on the social systems of inequality in American society with an emphasis on: 1- race, class, and gender; 2- the distribution of wealth, opportunities and privileges within a society; and 3- connections between responses to crime, social justice systems and human rights. The course also examines the economic, social, and political consequences of rising inequality in contemporary society.

Requisites: None

CSJ-201 Wildlife Trade and Environmental Crimes (4 Credits)

This course is an overview of the causes, methods, and outcomes of the wildlife trade and environmental crimes worldwide. Throughout the course students will gain an understanding of the complexities behind the trade of endangered and protected wildlife, and become familiar with timely scholarly research on the topic.

Requisites: TAKE WRT 102 WRT 105A OR WRT 106A; MINIMUM GRADE C-, TR, P; TAKE CSJ 101; MINIMUM GRADE C-, TR, P; - Must be completed prior to taking this course.

CSJ-205 Crime Science and Situational Crime Prevention (4 Credits)

This course centers on criminological theories belonging to the field of Crime Science, also known as opportunity theories, which discuss the importance of opportunity as a root cause of crime. The course also highlights the theory of Situational Crime Prevention as a tool for the prevention of crime and victimizations.

Requisites: # TAKE WRT*102 WRT*105A OR WRT*106A; MINIMUM GRADE C-, P, TR; # TAKE CSJ*101; MINIMUM GRADE C-, P, TR; - Must be completed prior to taking this course.

CSJ-211 Juvenile Delinquency and Social Justice (4 Credits)

This course is an overview of juvenile delinquency, and the social systems and institutions that respond to the perceptions and realities of delinquency. The course also examines therapeutic and community-based tactics that may aid in the prevention of delinquency, and the reform of inequitable practices within juvenile justice systems.

Requisites: # Take WRT*102 WRT*105A or WRT*106A; # Take CSJ*101; Minimum Grade C-, TR, P; - Must be completed prior to taking this course.

CSJ-236A Deviance & Social Control (3 to 4 Credits)

This course emphasizes the social reactions perspective, analyzes how people are differentially labeled, the experience of stigma, attempts at neutralization, and explores different social control strategies across time and place.

Requisites: Take SOC 215. - Must be completed prior to taking this course.

CSJ-241A Race, Ethnicity & Social Justice (3 to 4 Credits)

(Also AFS/LAC/WMS 241A) This course concerns racial and ethnic inequalities from a sociological perspective. It focuses on the fundamental concepts of race, ethnicity, prejudice, and discrimination as they have played an important role in the maintenance of those inequalities. As such, the course examines how racial and ethnic inequalities have prevented social justice to be fully achieved, especially in the US.

Requisites: Take PSY 100 or SOC 100; - Must be completed prior to taking this course.

CSJ-243 Criminology (3 to 4 Credits)

This course examines the classical and modern theories of crime, analysis of different crimes, criminality and criminal behaviors and the various responses to these acts by survivors, their families, the media, and society.

Requisites: Take WRT*102 WRT*105A OR WRT*106A; Minimum Grade C-, TR, P; # Take CSJ*101; Minimum Grade C-, TR, P; - Must be completed prior to taking this course.

CSJ-320 International and Transnational Crime and Social Justice (4 Credits)

This is an introduction to notable topics and controversies concerning international crimes, transnational crimes, and social justice. Throughout the course students will gain a general understanding of some of the world's most pressing crime problems, and the international justice systems working to control these crimes and seek justice.

Requisites: TAKE WRT*102 WRT*105A OR WRT*106A; MINIMUM GRADE C-, P, TR; # TAKE CSJ*101; MINIMUM GRADE C-, TR, P; - Must be completed prior to taking this course.

CSJ-325 Immigration and Social Justice (4 Credits)

This course touches on the topic of immigration, the legal roadblocks, social contexts, health and well-being challenges, human rights threats, and social justice concerns as they relate to the experiences of immigrants and refugees who resettle in the United States. The course is divided into 4 main sections: 1- the contexts and realities under which immigration occurs, 2- issues and challenges to the health and well-being of immigrants and refugees, 3- violence experienced by immigrants and refugees, and 4- resilience among immigrant and refugee

communities. Throughout this course students will gain a general understanding of the complexities of the immigrant experience in contemporary society and become familiar with important empirical works that highlight the lifelong journeys taken upon by those who migrate searching for a better life.

Requisites: # Take WRT*102 WRT*105A or WRT*106A; Grade C-, P, TR; # Take 2 courses; From Department CSJ; From Level 200; # Take CSJ*101 SOC*320B; Grade C-, P, TR; - Must be completed prior to taking this course.

CSJ-330 Law Enforcement and Social Justice (4 Credits)

This course examines the realities of Law Enforcement from its inception as an organization to contemporary times. It describes the history of Law enforcement in the United States and the Social Justice matters connected to these Law Enforcement policies and practices.

Requisites: Take WRT*102 WRT*105A OR WRT*106A; # Take CSJ*101 SOC*320B; Minimum Grade C-, TR, P; # Take 2 Courses; From Department CSJ; From Level 200; - Must be completed prior to taking this course.

CSJ-333 Selected Topics in Criminology and Social Justice (4 Credits)

The course description will be announced when the course is offered. The course will focus on a specific Social Justice topic to be determined. As topics change, this course may be repeated for credit

Requisites: None

CSJ-335 Mental Illness, Marginality, and Social Justice (4 Credits)

Using historical documents, social statistics, works of literature, anthropology, and social and psychoanalytic theory, this course examines the process of marginalization, compares conceptions/social constructions of sanity and insanity among different cultures and sub-cultures, and analyzes the consequences of institutionalization, stigmatization, and marginalization. We will explore diverse populations and their access to and interaction with Social Justice, Healthcare entities as well as carceral responses to illness

Requisites: TAKE WRT*102 WRT*105A or WRT*106A; # Take CSJ*101 SOC*320B; Minimum Grade C-, TR, P; # Take 2 courses; From Department CSJ; From Level 200; - Must be completed prior to taking this course.

CSJ-340 Organized Crime and Crimes that are Organized (4 Credits)

Organized Crime & Crimes That are Organized This course serves as an overview of organized crimes and criminal behaviors which may not be considered "organized crimes" but involves a level of organization beyond ordinary street crimes. Students will become familiar with local and

international criminal organizations, and empirical research on the impacts of these crimes in society.

Requisites: # Take WRT*102 WRT*105A OR WRT*106A; # Take CSJ*101 SOC*320B; Minimum Grade C-, TR, P; # Take 2 courses; From Department CSJ; From Level 200; - Must be completed prior to taking this course.

CSJ-345 White Collar Crime (4 Credits)

This course is a general overview of the causes, methods and costs of white-collar crime in contemporary society. Students will gain a broad understanding of these criminal acts, and become familiar with scholarly work that highlights the complexities of these harmful, yet often overlooked, crimes.

Requisites: Take WRT*102 WRT*105A OR WRT*106A; # Take CSJ*101; Minimum Grade C-, TR, P; - Must be completed prior to taking this course.

CSJ-353 Criminal Law (4 Credits)

No description available.

Requisites: Take SOC*215; minimum grade p,tr,c- - Must be completed prior to taking this course.

CSJ-401 Corrections and the Prison Industrial System (4 Credits)

Corrections & the Prison Industrial System This course will provide an overview of the history of corrections and current institutional practices, policies and legal issues. The course focuses on the relation of corrections to the criminal justice system, theories underlying correctional practice and the role of institutions within the corrections system. Specifically, this course provides an overview of the field of corrections. It reviews the historical development of crime and corrections, sentencing, jails, prisons, correctional policies, agencies, prison life, and challenges facing correctional populations. It will further explore the variables contributing to the rise of mass incarceration and the prison industrial system.

Requisites: # Take WRT*102 WRT*105A or WRT*106A; # Take CSJ*101 SOC*320B; Minimum Grade C-, P, TR; # Take 2 courses; From Department CSJ; From Level 200; - Must be completed prior to taking this course.

CSJ-405 Community Corrections and Restorative Justice (4 Credits)

Community Corrections & Restorative Justice This course describes the different goals and objectives of community corrections programs such as probation, parole, and community-based rehabilitation. It also highlights the importance of restorative justice as a way of mending the harms done through criminal acts and in connection to community-based corrections programs.

Requisites: # Take WRT*102 WRT*105A or WRT*106A; # Take CSJ*101 SOC*320B; Minimum Grade C-, TR, P; # Take 2 courses; From Department CSJ; From Level 200; - Must be completed prior to taking this course.

CSJ-410 Justice Systems and Race (4 Credits)

The course examines how current experiences of racial privilege and oppression are shaped by historical forces, institutional and organizational policies, social constructions and socio-cultural arrangements. It will analyze how structures of race, ethnicity and class are intertwined with a variety of social justice systems. It will focus on types and sources of power, multiple social locations, social conflicts and how they all interact

Requisites: # Take WRT*102 WRT*105A or WRT*106A; Minimum grade C-, TR, P; # Take CSJ*101 SOC*320B; Minimum Grade C-, TR, P; # Take 2 courses; From Department CSJ; From Level 200; - Must be completed prior to taking this course.

CSJ-415 Justice Systems and Gender (4 Credits)

The course will explore how gender impacts our lives and life chances. The central themes of the course are historical changes in gender beliefs and practices; socialization practices that reproduce gender identities and restrict access to justice systems; how race/ethnicity, class, and sexual orientation shape the experience of gender; and the relationship between gender, power, and social inequality. The course focuses on the social construction of gender. Other theories of gender such as biological explanations will be discussed in comparison to the social constructionist approach. Gender will be explored as an institution and a system as well as how it influences individuals. Because gender does not exist in a vacuum, gender will be discussed in relation to its intersection with other social locations such as race, class, sexual orientation, age, and ethnicity.

Requisites: Take WRT*102 WRT*105A or WRT*106A; Minimum grade C-,TR,P; # Take CSJ*101 SOC*320B; Minimum grade C-,P,TR; # Take 2 courses; From Department CSJ; From Level 200; - Must be completed prior to taking this course.

CSJ-418 Drugs, Crime, and Social Policy (4 Credits)

No description available.

Requisites: Take SOC 320 and SOC 325 - Must be completed prior to taking this course.

CSJ-433 Selected Topics in Criminology and Social Justice (4 Credits)

The course description will be announced when the course is offered. The course will focus on a specific Social Justice topic to be determined. As topics change, this course may be repeated for credit

Requisites: Take WRT*102 WRT*105A or WRT*106a; Minimum grade C-, TR, P; - Must be completed prior to taking this course.

CSJ-491 Internship in Criminology and Social Justice (4 Credits)

Students majoring in Criminology and Social Justice are required to take either CSJ 450 Senior Research Seminar, or an internship. The Internships in Criminology and Social Justice involve weekly class meetings and a minimum of 96 hours of internship experience over the course of the semester in an approved appropriate agency, institute, or organization. The courses integrate students' "hands-on" experiences as interns, with theory and case study analysis of social issues, problems and institutions. Each class is limited to 12 students. Acceptance into the internship classes is based on the following criteria: 1. Class standing (Seniors have preference over Juniors) 2. Sociology GPA 3. Satisfactory completion of the Internship Program Application Procedure which includes: A. The application form and personal essay in which the students' goals and objectives, motivations, interests, interpersonal skills and previous relevant experiences are clearly articulated. B. Two letters of recommendation from Faculty who are familiar with the students' interests and performance in related courses. C. Interview with the Internship Coordinator. The interview will help the Coordinator to assess students' readiness and degree of motivation for the internship experience, and help students explore options regarding the most suitable placements. This course cannot be substituted with Portfolio Assessment

Requisites: # Take WRT*102 WRT*105A OR WRT*106A; # Take CSJ*101 SOC*320B; Minimum Grade C-, TR, P; # Take 2 courses; From Department CSJ; From Level 200; - Must be completed prior to taking this course.

EDC-202A Teaching as a Profession: Meeting the Needs of all Learners (3 to 4 Credits)

This course introduces the teaching profession by panoramically exploring both general education and special education settings. It includes the study of American schools and considers diversity, multicultural, equity, and inclusive educational practices for students with and without disabilities.

Requisites: None

Honors Option: EDC-202H Teaching as a Profession: Meeting the Needs of all Learners - Honors (4 Credits)

EDC-210 Educational Psychology (3 to 4 Credits)

The role of psychological concepts in educational practices, focusing on the nature and sources of intellectual development and readiness according to Piagetian, psychometric, and information process perspectives. Beyond these approaches to cognitive development, learning theory, motivation, and the role of emotion in learning will be discussed. This course will also include a section on individual differences in learning; exceptional students and social, ethnic, cultural, and gender differences. The related topics of measurement and evaluation of learning will round out the course.

Requisites: Take PSY 100 - Must be completed prior to taking this course.

Honors Option: EDC-210H Educational Psychology - Honors (4 Credits)

EDC-217 Understanding Family and Community (3 to 4 Credits)

This course is designed to foster understanding of the significant roles of families and communities in the growth and education of children. Topics include recognizing children at-risk; recognizing and accepting diverse family units; the impact of home, community, health, and cultural experience on development and learning and understanding social, historical, political, legal and philosophical constructs that impact children, families and communities. Identification and collaboration with community agencies and resources to support individuals with special needs and their families will be addressed.

Requisites: Take WRT 102, WRT 105 or WRT 106 - Must be completed prior to taking this course.

Honors Option: EDC-217H Understanding Family and Community - Honors (4 Credits)

EDC-233A Selected Topics in Education (4 Credits)

This course will explore selected topics related to teaching, teaching special populations, educational research, and contemporary issues in education.

Requisites: None

EDC-314 The Development Of the Pre-Adolescent and Adolescent Learner and Implications For Teaching (4 Credits)

This course is designed to examine young adolescents, their development and issues related to their educational needs during the period of growth from childhood through adolescence. Students will learn how to use developmental characteristics in the instructional design and planning process. Students will also learn how schools should be structured to maximize learning for this population.

Requisites: Take EDC 202 OR EDC 217; and PSY 100. - Must be completed prior to taking this course.

EDC-316 Childhood Development and Learning (4 Credits)

This course is designed to foster understanding of the dynamic continuum of development and learning in children from birth through age 8. Topics include cognitive and linguistic factors affecting development and learning, nurturing diversity and equity, addressing multiple intelligences and diverse learning styles, integrating play, and language and literacy across the curriculum.

Requisites: Take EDC 202 OR EDC 217; AND PSY 100 - Must be completed prior to taking this course.

Honors Option: EDC-316H Childhood Development and Learning - Honors (4 Credits)

EDC-318 Early Childhood Curriculum and Assessment (4 Credits)

The course is designed to foster implementing developmentally appropriate principles and practices. Topics include integration across all core curriculum areas, responsiveness to cultural and linguistic differences, fostering intellectual stimulation through play, implementing appropriate guidance and management techniques to create a safe environment, and assessment that is multidimensional, ongoing and performance based. This course is not to be taken with EDC 310. This course requires successful completion of a 30-hour practicum.

Requisites: Take EDC 330 - Must be completed prior to taking this course.

EDC-320 Educating the Child with Disabilities in the Regular Classroom (4 Credits)

(Formerly EDC 207) A course designed to provide cross training for the teacher in the regular classroom in order to be able to work as part of a collaborative interprofessional team. Through study, observation, and field experiences the pre-service teacher will gain valuable training and resources for inclusion of special needs students in the regular classroom.

Requisites: Take EDC 330 - Must be completed prior to taking this course.

EDC-321 Developing Literacy Across the Grades: Methods and Strategies (4 Credits)

(Formerly EDC 209) The foundation of this course will be based on theories of emergent reading and writing with attention to the influence of multicultural, second language, and family/community dynamics. With this foundational framework, students will learn about and experience what is involved in assessing and teaching children to read and communicate through writing and speaking, from early childhood through high school. Students will develop knowledge of and skill in using effective teaching strategies and methods for developing the reading and writing skills of children from preschool through 12th grade, including methods and strategies for incorporating literacy instruction across all subject area disciplines. This course includes a field application component.

Requisites: Take EDC 330 - Must be completed prior to taking this course.

EDC-322 Instructional Planning and Assessment for Students with High-Incidence Disabilities (4 Credits)

(Formerly EDC 222) This course offers a variety of instructional strategies and techniques to assist students with mild to moderate high-incidence disabilities, including learning disabilities, mental retardation, behavioral and emotional disabilities, and speech or language impairments. It will address curriculum planning, program development, assessment, and the use of technology. Developing literacy and effective Individual Educational Plans (IEPs), designing effective learning environments, and preparing students for transition will also be addressed.

Requisites: Take EDC 310 - Must be completed prior to taking this course.

EDC-323 Instructional Planning and Assessment for Students with Low-Incidence Disabilities (4 Credits)

(Formerly EDC 223) This course offers a variety of instructional strategies and techniques to assist students with mild to severe low-incidence disabilities, including autism, pervasive developmental disorders, severe-profound mental retardation, physical and multiple disabilities, health impairments, and traumatic brain injury. It will address adaptive and functional curriculums, the use of assistive technology, interventions and transdisciplinary teaming and assessment, effective learning environments, and elective Individual Educational Plans (IEPs).

Requisites: # Take EDC*304 EDC*318; - Must be completed prior to taking this course.

EDC-324 Consultation and Curriculum Adaptations for Students with Special Needs in Inclusive Settings (4 Credits)

(Formerly EDC 312) This course provides the necessary knowledge and skills for working with special needs students placed in inclusive educational settings, addressing collaborative relationships with various professionals and agencies serving special needs students. It will offer various models, materials, and instructional adaptations including technology, to promote inclusion. It will also emphasize implementing Individual Education Plans (IEPs) within regular education settings. This course contains field experience and requires successful completion of a thirty (30) hour practicum. This course is not to be taken concurrently with EDC 318.

Requisites: Take EDC 330 - Must be completed prior to taking this course.

Honors Option: EDC-324H Consultation and Curriculum Adaptations for Students with Special Needs in Inclusive Settings - Honors (4 Credits)

EDC-325 Classroom Management Early Childhood (2 Credits)

(Formerly EDC 313) This course describes the principles underlying effective classroom management, offers techniques and strategies to promote an effective learning environment for all students in both inclusive and self-contained settings. Also provides specific strategies and techniques for conducting functional behavioral assessment and designing positive behavioral support plans for students with challenging behavior. This course contains field experience.

Requisites: Take EDC 330 - Must be completed prior to taking this course.

EDC-330 Introduction to Curriculum Design I: Research-Based Practice (3 to 4 Credits)

Effective Teaching Methods & Research-Based Practice (Formerly EDC 304) This course focuses on the study of curriculum development and principles of teaching. The course will introduce the skills to design and deliver interdisciplinary curricula utilizing differentiated instruction, technology integration, as well as accommodating for special needs and ELL students. Prerequisite: EDC 314 or EDC 316

Requisites: Take EDC 314 or EDC 316 - Must be completed prior to taking this course.

Honors Option: EDC-330H Introduction to Curriculum Design I: Research-Based Practice - Honors (4 Credits)

EDC-331 Mathematics for Elementary School Teachers (3 to 4 Credits)

A course designed to develop an understanding of the mathematical concepts supporting topics taught at the elementary level. Central to these is the number sense required to teach basic operations (addition, subtraction, multiplication and division) with non-negative integers. Fractions, decimals, mental calculation and estimation are also considered. Students will use visualization, diagrams, manipulatives, and engaging in mathematical conversation to explore

alternative ways of understanding and communicating required concepts. 1 c.u. This course does not satisfy the mathematics requirement of the General Education Core.

Requisites: TAKE EDC*330; - Must be completed prior to taking this course.

EDC-332 Introduction to Curriculum Design II: Effective Teaching Methods in the Content Areas (4 Credits)

Effective Teaching Methods in the Content Areas (Formerly EDC 309) This course focuses on the further development of curriculum design and principles of teaching. The course reinforces the skills of differentiated instructional design and delivery, integration of technology, and adapting lessons to address diverse learners including special needs and ELL students.

Requisites: Take EDC 330. - Must be completed prior to taking this course.

Honors Option: EDC-332H Introduction to Curriculum Design II: Effective Teaching Methods in the Content Areas - Honors (4 Credits)

EDC-334 Institutional Design and Analysis of Classroom Assessment (3 to 4 Credits)

Formerly EDC 310 This course is designed to provide a foundation for classroom methodology of standards-based instructional activities and assessments. One purpose of this course is to introduce teacher candidates to the elements of assessment that are a part of good teaching and best practice.

Requisites: Take EDC 332 - Must be completed prior to taking this course.

Honors Option: EDC-334H Institutional Design and Analysis of Classroom Assessment - Honors (4 Credits)

EDC-336 Introduction to Educational Technology (3 to 4 Credits)

(Formerly EDC 326) The objective of this course is to introduce various forms of educational technology through hand-on project based learning to preservice teacher candidates. This course provides various opportunities for engagement and reflection on the role these technology tools can play in teaching/learning processes in a classroom. Students will become skilled in some of many digital tools available for schools to use in their classrooms. In addition, students will learn current issues in technology use in classrooms and will become familiar with basic learning theories which will help in determining appropriate applications of educational technology in educational settings. Students will become familiar with virtual schooling and learn how to assist online learning of their students.

Requisites: Take EDC 330 or EDC 304, EDC 332 or EDC 309, EDC 310, EDC 318 or EDC 321; - Must be taken either prior to or at the same time as this course.

EDC-342 Early Childhood Learning Environments and Assessment (4 Credits)

Students will be introduced to the elements of a quality early childhood learning environment. Building on their knowledge of child development, students will learn appropriate assessment tools and techniques, both formal and informal, to be able to evaluate young children's learning and development.

Requisites: Take EDC 304 or EDC 330. - Must be completed prior to taking this course.
Take EDC410 - Must be taken either prior to or at the same time as this course.

EDC-410 Clinical Practice I (3 to 4 Credits)

Students who have satisfied requirements will be assigned two full days per week in an approved pre-school, elementary, middle school, or high school setting. Students will spend time observing, Participating, and teaching in an assigned class under the direction of a Cooperating Teacher and a College Supervisor. The Student is expected to begin to fulfill the role of teacher, including attendance at faculty meetings, professional development opportunities, and duty assignments. This course will include monthly seminar meetings (four times throughout the semester) where students are provided with guidance to complete their clinical practice assignments including the preparation for edTPA performance assessment.

Requisites: Take EDC 342 - Must be taken either prior to or at the same time as this course.

EDC-412 Clinical Practice II (10 Credits)

Students who have successfully completed all academic requirements will be assigned to full-time teaching in an approved school setting relevant to the area of intended certification. Students will observe, interact, and teach under the direction of a Cooperating Teacher and College Supervisor. Student Teaching applications must be submitted by April 1st for Fall placement and by October 1st for Spring placement.

Requisites: Take EDC 414 - Must be taken either prior to or at the same time as this course.
Take EDC 410 - Must be completed prior to taking this course.

EDC-414 Clinical Practice Seminar (2 Credits)

This seminar utilizes group discussions to assist in the analysis and evaluation of identified classroom problems, best practices, classroom behavior management techniques, and coping strategies. Efforts are made to socialize the student teacher to the profession of teaching. Attention is given to career placement tools and strategies. 0.5 cu Prerequisite: Consent of the Instructor.

Requisites: Take EDC 412. - Must be completed prior to taking this course.

EDC-506 Introduction to Curriculum Design I: Research (3 to 4 Credits)

This course focuses on the study of curriculum development and principles of teaching, emphasizing the background content research needed to develop curricula. The course will introduce the skills to design and develop interdisciplinary curricula that are based on research and the application of that research through best practices utilizing; multiple intelligences, diverse learning styles, dimensions of learning, and Bloom's taxonomy. The curricula will facilitate the integration of standardized and alternative assessment measures to meet the New Jersey Student Learning Outcomes.

Requisites: None

EDC-506 Introduction to Curriculum Design I (4 Credits)

This course focuses on the study of curriculum development and principles of teaching, emphasizing the background content research needed to develop curricula. The course will introduce the skills to design and develop interdisciplinary curricula that are based on research and the application of that research through best practices utilizing; multiple intelligences, diverse learning styles, dimensions of learning, and Bloom's taxonomy. The curricula will facilitate the integration of standardized and alternative assessment measures to meet the New Jersey Student Learning Outcomes.

Requisites: None

EDC-508 Introduction to Curriculum Design II (4 Credits)

This course focuses on the further development of curriculum design and principles of teaching. The course reinforces the skills of differentiated instructional design and delivery, integration of technology, and adapting lessons to address diverse learners including special needs and ELL students. The essential elements of instruction, assessment, grouping strategies and effective questioning will be illustrated to effectively plan instruction for diverse learners in English language arts, mathematics, social studies, and science.

Requisites: None

EDC-511 Instructional Design & Analysis (3 to 4 Credits)

This course will enable teacher candidates to demonstrate their teaching skills in the designed delivery of curricula addressing the needs of diverse learners. Teacher candidates will design differentiated instructional lessons and demonstrate skills in the delivery of lessons based on the understanding that learners have differing needs. Students present their lessons using a variety of strategies, integrating diagnostic, formative and summative assessment data.

Requisites: None

EDC-516 Early Childhood Development & Learning (4 Credits)

This course is designed to foster understanding of the dynamic continuum of development and learning in children from birth through age 8. Topics include cognitive and linguistic factors affecting development and learning, nurturing diversity and equity, addressing multiple intelligences and diverse learning styles, integrating play and language, and literacy across the curriculum. Knowledge of early childhood development and how it is related to the learning of children is the foundation upon which all effective teaching and learning decisions are built. Without this knowledge, a teacher cannot design an appropriate program or meet the learning needs of each student. Students will learn to be able to apply their knowledge about early child development and learning to adapt the learning environment to meet the needs of children with atypical development in the affected developmental domain(s). Students will also obtain the research skills to find and analyze research articles to explain children's development and show their deeper understanding of early child development and learning. *This course will meet on campus alternating weeks. Therefore, a significant portion of the course will be conducted online.

Requisites: None

EDC-519 Educating Children with Disabilities in Regular Classes (3 to 4 Credits)

A course designed to provide cross training for the teacher in the regular classroom in order to be able to work as a part of a collaborative, interprofessional team. Through study, observation, field experiences, and research exploring professional journals, books and other resource materials, as well as peer reviewed research for the pre-service teacher to gain valuable training and resources by applying research based best practices to implement strategies, modifications and accommodations for special needs students in the regular classroom.

Requisites: None

EDC-521 Developing Child Literacy Across Multiple Grades (4 Credits)

No description available

Requisites: None

EDC-553 School & Society (4 Credits)

The teacher candidate will learn about the classroom as a social unit and the management/organization skills needed to create an effective learning environment. The prospective teacher will become familiar with the organizational, social, economic, and political forces that impact upon schools.

Requisites: None

EDC-620 Clinical Practice I (3 to 4 Credits)

Students who have satisfied requirements will be assigned to two full-days per week in an approved pre-school, elementary, middle, or high school setting. Students will spend time observing, participating, and teaching in an assigned class under the direction of a Cooperating Teacher and a College Supervisor. The student is expected to begin to fulfill the role of a teacher, including attendance at faculty meetings, professional development opportunities, and duty assignments. This course will include monthly seminar meetings (four times throughout the semester) where students are provided with guidance to complete their clinical practice assignments including the preparation for edTPA performance assessment.

Requisites: None

EDC-622 Clinical Practice II (10 Credits)

(formerly EDC 590) Students who have successfully completed all academic requirements will be assigned to full-time teaching in an approved school setting relevant to the area of intended certification. Students will observe, interact and teach under the direction of a Cooperating Teacher and College Supervisor. Student teaching applications must be submitted by April 1st for Fall placement and by October 1st for Spring placement.

Requisites: None

EDC-624 Clinical Practice Seminar (2 Credits)

(formerly EDC 591) The Clinical Practice Internship is a sixteen-week teaching experience in a field placement for students. It is designed to apply learning about professional knowledge of Pedagogy, child development, and effective thinking to classroom situations on a full-time basis for one semester. Students are observed and evaluated a minimum of seven times by a College Supervisor.

Requisites: None

ENG-150 Introduction to Western Literature (3 to 4 Credits)

An introduction to various literary genres: poetry, drama and fiction. Specific syllabus at the discretion of the instructor. Emphasis on the literature of western Europe and the United States. Focus on literature and its relation to society.

Requisites: WRT*107, WRT 108 or WRT 109 Must be completed prior to taking this course.
Honors Option: ENG-150H Introduction to Western Literature (4 Credits)

ENG-202 Select Topics in Contemporary Literature (4 Credits)

Selected works of English and American literature, in all three major genres, focusing on a particular issue or topic of contemporary interest, such as sports, women in literature, science fiction, popular culture, existentialism, religion. Emphasis on how the various writers present these problems in styles peculiar to their genres. Students may repeat this course once for credit with consent of the discipline coordinator.

Requisites: WRT-107 with a final grade of C-or better.
Honors Option: ENG-202H Select Topics in Contemporary Literature (4 Credits)
Writing Intensive Option: ENG-202WI Select Topics in Contemporary Literature (4 Credits)

ENG-203B British Literature Survey I (4 Credits)

Writing Intensive Aesthetic Appreciation. Selected works in English literature with emphasis on historical, cultural, and aesthetic values, including material from Beowulf to Boswell. Lecture and discussion.

Requisites: WRT-108 or WRT-109 Must be completed prior to taking this course with a Minimum grade C-
Writing Intensive Option: ENG-203WI British Literature Survey I (4 Credits)
Honors Option: ENG-203WIH British Literature Survey I (4 Credits)

ENG-204B British Literature Survey II (4 Credits)

Writing Intensive Aesthetic Appreciation. Selected works in English literature with emphasis on historical, cultural, and aesthetic values, including material from the romantic period to the Second World War. Lecture, discussion.

Requisites: WRT-107, WRT-108 or WRT-109 Must be completed prior to taking this course with a Minimum grade C-
Writing Intensive Option: ENG-204WI British Literature Survey II (4 Credits)

ENG-222 African-American Literature (4 Credits)

(Also AFS/WMS 222) Selected poetry, drama, fiction, autobiography, and essays by African/American authors, with emphasis on literary excellence. Authors range from Phillis Wheatley to Frederick Douglass, Imamu Amiri Baraka, Alice Walker, and Ishmael Reed. Lecture, discussion.

Requisites: WRT-108 or WRT-109 Must be completed prior to taking this course with a Minimum grade C-

Honors Option: ENG-222H African-American Literature (4 Credits)

ENG-223WI Women's Literature (3 to 4 Credits)

(Also WMS-223WI) WRITING INTENSIVE Aesthetic Appreciation. This course focuses on literature in English written by women. We study themes and techniques common to the literature by women while studying the gender studies subjects they treat. From the late Middle Ages until the present, we examine texts that challenge beliefs of female inferiority, promote a women's perspective on gender and allow for discussion of self esteem, motherhood, privacy, and women's power.

Requisites: WRT-108 or WRT-109 Must be completed prior to taking this course with a Minimum grade C-

ENG-226WI Literature of Race, Class, and Gender (3 to 4 Credits)

(Also AFS/WMS 226) WRITING INTENSIVE. Varied works of literature that illustrate how different races, ethnic groups, genders, and classes view themselves and each will be studied. Included are works of Philip Roth, Mary Gordon, Ishmael Reed and Alice Walker.

Requisites: WRT-108 or WRT-109 Must be completed prior to taking this course with a Minimum grade C-

ENG-227WI Religion and Literature (3 to 4 Credits)

(Also REL-227) Selected poetry, fiction, drama, and non-fiction that explore such topics as faith, the nature and presence of God, death and immortality, spirituality, sin, and salvation. The course invites students to examine and reflect on the interrelationship of literary expression and a theological understanding of the world.

Requisites: WRT-107, WRT-108, or WRT-109 Must be completed prior to taking this course with a Minimum grade C-

ENG-232 Latin American Literature Survey (3 to 4 Credits)

(ALSO LAC 232) Survey of Latin American literature from the sixteenth century to the present. Emphasis is upon literary discourses that reflect and shape the diverse array of Latin American cultural identities throughout the region.

Requisites: WRT-108 or WRT-109 Must be completed prior to taking this course with a Minimum grade C-

ENG-248 Harlem Renaissance: Reflection on Art & Society (4 Credits)

(ALSO AFS-248) Broad review of the literary period known as the Harlem Renaissance or the New Negro Movement. An examination of poetry, fiction, critical essays, art and music for social and aesthetic values projected in the artistic production of the day. Highlighting the transnational, transethnic texture of African-American social consciousness.

Requisites: WRT-108 or WRT-109 Must be completed prior to taking this course with a Minimum grade C-

ENG-249 Advanced Grammar and Editing (4 Credits)

(ALSO AFS-248) Broad review of the literary period known as the Harlem Renaissance or the New Negro Movement. An examination of poetry, fiction, critical essays, art and music for social and aesthetic values projected in the artistic production of the day. Highlighting the transnational, transethnic texture of African-American social consciousness.

Requisites: WRT-108 or WRT-109 Must be completed prior to taking this course with a Minimum grade C-

ENG-252WI The Art of Drama (4 Credits)

(ALSO AFS-248) Writing Intensive Aesthetic Appreciation. Selected plays representing the major periods of drama from the Greeks to the present, with attention to the religious, social, and theatrical forces that shaped these works. Lecture and discussion.

Requisites: WRT-108 or WRT-109 Must be completed prior to taking this course with a Minimum grade C-

ENG-253 The Art of Poetry (4 Credits)

(Formerly Modern Poetry) A study of the genre of poetry with emphasis on formal innovations and evolution of the art form. Focus will vary according to instructor's discretion.

Requisites: WRT-108 or WRT-109 Must be completed prior to taking this course with a Minimum grade C-

ENG-258WI Gothic Literature (3 to 4 Credits)

WRITING INTENSIVE. Spooky crumbling castles and things that go bump in the night are not all there is to gothic literature. This course examines the ways in which this literary genre delves into the human psyche to explore all the dark impulses that arise from the human soul. The course also looks at ways in which gender and sexuality figure into both the writing of this literature and the attitudes that it expresses. Students learn to examine fiction through a literary critical lens.

Requisites: WRT-108 or WRT-109 Must be completed prior to taking this course with a Minimum grade C-

ENG-278A American Literature Survey I (3 to 4 Credits)

Writing Intensive Aesthetic Appreciation. An historical and cultural survey of major American figures of the 19th century, including new research on women and African-American figures. Writers may include Emerson, Thoreau, Whitman, Melville, Dickinson, Poe, Hawthorne and Frederick Douglass.

Requisites: WRT-108 or WRT-109 Must be completed prior to taking this course with a Minimum grade C-

Honors Option: ENG-278H American Literature Survey I (4 Credits)

ENG-279WI American Literature Survey II (4 Credits)

Writing Intensive Aesthetic Appreciation. A study of literature of the United States in the first half of the 20th century. Writers may include Faulkner, Cather, O'Neil, Elliot, Pound, Hughes, Hurston and Hemingway.

Requisites: WRT-108 or WRT-109 Must be completed prior to taking this course with a Minimum grade C-

ENG-281WI Literature, Film, and Theory (4 Credits)

WRITING INTENSIVE Aesthetic Appreciation. This course examines the relationship between literature, film, and theory. More specifically, it examines how literature and film can encapsulate crucial aspects of theoretical text, enriching and expanding our experience and understanding of it.

Requisites: WRT-107, WRT-108, or WRT-109 Must be completed prior to taking this course with a Minimum grade C-

ENG-333WI Select Topics in Literature (4 Credits)

Writing Intensive This course offers traditional and recent approaches to studying various genres, themes, historical periods, and critical issues in the texts from more than one national

literature. Topics and texts vary from semester to semester. As topics change, this course may be repeated for credit.

Requisites: WRT-107, WRT-108, WRT-109, or a 200 level literature course; Must be completed prior to taking this course with a Minimum grade C-

ENG-363WI Major Writers Of The African Diaspora (4 Credits)

(Also AFS 363) WRITING INTENSIVE Multi/Transcultural & Global Awareness. Distinguished writers of African, Afro-Caribbean, Afro-Latin and African-American heritage. Emphasis is upon the theory and practice of diaspora, and how it has shaped the literary voices of writers of African descent.

Requisites: WRT 107 with a final grade of C-or better, and a 200 level literature course with a final grade of C or better, or the consent of the Instructor.

ENG-364 Selected Topics in Shakespeare (4 Credits)

This course offers traditional and recent approaches to studying Shakespeare's drama and poetry. Topics and texts vary from semester to semester. As topics change, the course may be repeated for credit. Topics may include: genre studies, Shakespeare in performance, Shakespeare and his contemporaries.

Requisites: WRT-107, WRT-108, or WRT-109 Must be completed prior to taking this course with a Minimum grade C-

ENG-403 Major Writers In Depth (4 Credits)

A capstone course for English majors in the Literature Concentration. Students will read the work of one major writer, or the work of 2- 3 related major writers whose works form a coherent field of study. Possible writers include Jane Austen, the Bronte Sisters, Willa Cather, Gabriel Gasrcia Marquez, Herman Melville, Toni Morrison. As topics change, this course may be repeated for credit.

Requisites: WRT-107, WRT-108, WRT-109, and a 200 level literature course; Must be completed prior to taking this course with a Minimum grade C-

FRN 115 French Language & Culture I (4 credits)

(Also LLC 115) Introductory course to French Language and Culture. Basic language skills for the student who has no previous knowledge of the language. Course will cover different language functions, basic vocabulary, simple grammatical structures, oral recitation and written composition. In addition to language studies, the course will compare French and French diasporic cultures in the Caribbean, Africa and elsewhere.

Requisites: None

FRN 125 French Language & Culture II (4 credits)

Further development of language skills to further broaden awareness and increase appreciation of the culture.

Requisites: Take FRN 115 or two years of High School French or consent of the Instructor. Must be completed prior to taking this course.

FYS-100 FIRST YEAR SEMINAR (3 to 4 Credits)

FYS 100 First Year Seminar The goal of the First-Year Seminar is to welcome the student to Bloomfield College by providing support in transition to college life; understanding the value of a liberal arts education; furthering the development of student career, college and life success skills; and building the expectation of academic and life success.

Requisite: None

HON-498 Honors Seminar (2 Credits)

An interdisciplinary course on topics that arise from any of the academic disciplines. Specific topics may include culture, art, identity, sociobiology, and literature, among others. Divisions can elect to offer major and/or general education elective credit for a given seminar when appropriate, by submission to the General Education Committee. This course may be repeated for credit as topics change.

Requisites: None

HON-499 Honors Seminar (4 Credits)

An interdisciplinary course on topics that arise from any of the academic disciplines. Specific topics may include culture, art, identity, sociobiology, and literature, among others. Divisions can elect to offer major and/or General Education elective credit for a given seminar when appropriate, by submission to the General Education Committee. This course may be repeated for credit as topics change.

Requisites: None

HIS-102 Introduction To Public History (4 Credits)

This course will introduce students to the discipline of Public History including museum studies, oral history, and public commemoration, among other avenues for the preservation and dissemination of history to and for the public. Special attention will be paid to public debates over the commemoration of historical events.

Requisites: None

HIS-104 Introduction to Women's Studies (4 Credits)

This course surveys some of the major themes relevant to a gendered understanding of politics, society, and culture. The course introduces gender as a central category of analysis, among others, for critical inquiry, and it examines the experiences of women and men to offer a conceptualization of what gender means for individuals both as citizens and as community members.

Requisites: None

HIS-105 Introduction To Africana Studies (4 Credits)

This course will offer a broad survey of African peoples and the African Diaspora in the world, beginning with their African origins. Special attention will be paid to the enslavement of Africans, colonization, and the resultant freedom struggles undertaken by Africans and the African Diaspora.

Requisites: None

Honors Option: HIS-105H Introduction To Africana Studies - Honors (4 Credits)

HIS-106 Introduction To Geography (3 to 4 Credits)

This course will introduce students to the myriad forms of geography: physical, cultural, social, religious, and economic, around the globe at various points in time. Of particular concern will be the various movements leading to modern globalization.

Requisites: None

HIS-116 Introduction To Latin American And Caribbean Studies (4 Credits)

This course will offer a broad overview of historical and contemporary issues in Latin American and Caribbean Studies. Special attention will be paid to the experiences of Latin American and Caribbean peoples; national, ethnic, and racial identities; waves of migration within the region and beyond; and US-Latin American and Caribbean relations. The course will draw on interdisciplinary materials, including scholarly articles, and fiction.

Requisites: None

HIS-216 Colonial Latin America and the Caribbean, 1500-1825 (3 to 4 Credits)

Problem Solving & Critical Thinking Skills This course explores the history of Latin America and the Caribbean from Conquest to Independence. Special attention will be paid to encounters between various peoples; the economic, political, and cultural institutions of the colonial period; and the wars for independence that ended colonialism. This is the first course offered in the Latin American-Caribbean survey.

Requisites: Take WRT 109 or WRT 108 with minimum grade C- or better - Must be completed prior to taking this course.

Writing Intensive Option: HIS-216WI Colonial Latin America and the Caribbean, 1500-1825 - Writing Intensive (4 Credits)

HIS-219 Writing History (4 Credits)

This course will introduce students to the fundamentals of writing history. Students will learn to both identify and make historical arguments, use primary and secondary sources to appropriately support an argument and successfully sustain an argument throughout academic papers of varying lengths. Students will develop their writing by editing and revising multiple drafts of papers.

Requisites: Take WRT 107, WRT 108 or WRT 109 - Must be taken either prior to or at the same time as this course.

Writing Intensive Option: HIS-219WI Writing History - Writing Intensive (3 to 4 Credits)

HIS-225 Ideas of Freedom, African-American History From 1877-Present (4 Credits)

This course explores the African American struggle for freedom after Reconstruction. Of particular concern will be the economic, political, social and cultural struggles that African-Americans waged to secure freedom and justice in the face of racial segregation and injustice. This is the second course in the African-American survey.

Requisites: Take WRT 107, WRT 108 or WRT 109 With a minimum grade of C- or higher - Must be completed prior to taking this course.

HIS-226A Modern Latin America And Caribbean, 1825-Present (4 Credits)

This course explores the history of Latin America and the Caribbean since Independence. It will pay particular attention to the colonial legacy; the abolition of slavery; economic development; twentieth-century social movements and revolutions; and relations with the United States. This is the second course offered in the Latin American Caribbean survey.

Requisites: Take WRT 107, WRT 108 or WRT 109 Minimum grade C- or higher - Must be completed prior to taking this course.

HIS-227 Global History I (3 to 4 Credits)

This course studies the major world communities in their independent development before European exploration. Students will compare the social and political structures, family structures, economics and technology, religious belief systems, and cultures of the major societies of Africa, Asia, the Middle East, and the Americas.

Requisites: Take WRT 108/109 with a minimum grade of C- or higher - Must be completed prior to taking this course.

HIS-233 Selected Topics in History (4 Credits)

This course provides for the in-depth study of the people, society, culture, or movements during a particular historical period or for comparative analysis of societies, cultures or movements of people or ideas during particular periods, or other historical moments. This course also allows for the in-depth study of particular historical events. The topic and methods of evaluation will be defined by the instructor of the course. Offered most Spring and Fall semesters.

Requisites: Take two 200 level History courses - Must be completed prior to taking this course.
Honors Option: HIS-233H Selected Topics in History - Honors (4 Credits)
Writing Intensive Option: HIS-233WI Selected Topics in History - Writing Intensive (4 Credits)

HIS-237A Global History II (4 Credits)

No description available.

Requisites: Take WRT 108 or WRT 109 Minimum grade C-; - Must be taken either prior to or at the same time as this course.

Honors Option: HIS-237H Global History II - Honors (4 Credits)

HIS-244 The Making Of The United States To 1877 (4 Credits)

Problem Solving & Critical Thinking Skills This course examines the colonization process of early North America through the making and near unmaking of the United States in the Revolutionary and Civil Wars respectively. Special attention will be paid to competing notions, definitions, and laws regarding citizenship and exclusion. This is the first course in the United States survey.

Requisites: WRT 109 OR WRT 109; MINIMUM GRADE C- - Must be completed prior to taking this course.

Writing Intensive Option: HIS-244WI The Making Of The United States To 1877 - Writing Intensive (4 Credits)

HIS-254 The United States In The World, 1877-Present (4 Credits)

This course will focus on the social, political, and economic changes that took place between Reconstruction and the present, thus propelling the United States into a position of global dominance. This course is the third and final course in the United States History sequence.

Requisites: Take WRT 107; Minimum grade C-; - Must be taken either prior to or at the same time as this course.

Writing Intensive Option: HIS-254WI The United States In The World, 1877-Present - Writing Intensive (4 Credits)

HIS-300 History of Social Policy & The Poor (4 Credits)

This course will examine the treatment of people monetarily impoverished by public and private institutions from the colonial period to the modern era. Changing theories, practices, and attitudes about the poor and about poverty are the focus of study. Of central concern to this course is the response of poor peoples to these policies and the ways in which they resisted and organized. Each student will write a major (20 page) research paper for the course. This course will alternate between a United States history course and a Latin America Caribbean history course.

Requisites: Take HIS 219 - Must be completed prior to taking this course.

Writing Intensive Option: HIS-300WI History of Social Policy & The Poor - Writing Intensive (4 Credits)

HIS-400 Senior Capstone Project (4 Credits)

This course provides an opportunity for students to demonstrate what they have learned about historical thinking, historical research, and historical writing. History majors and Education co-concentrations will develop and complete a research project that requires a (25-35 page) paper based on both primary and secondary sources in their concentration. While the course will be taught by one professor, students are required to consult the head of their concentration in planning and carrying out their research. All students will present the results of their project to the college community. This course is the final major requirement undertaken by History majors and Education co-concentrations.

Requisites: Take HIS 219 and two 300 level History courses with a final grade of C- or higher - Must be completed prior to taking this course.

HIS-405 Internship in Humanities (4 Credits)

This course is designed to give students a semester-long experience working with a community organization or agency. Selected students doing a History internship will design a program with the head of their concentration and the selected agency. This experience is intended to give students professional experience in the discipline.

Requisites: None

HUM-220 IGNITE YOUR PASSION (4 Credits)

This course explores vocation. Students will question and reconstruct knowledge and then apply it to real-life experiences and vocational goals. It will also explore the concepts of social and civic responsibility and financial literacy, while teaching students how to ask the right questions about their value in the workplace.

Requisites: Take FYS 100 - Must be completed prior to taking this course.

HUM-233 SPECIAL TOPICS (4 Credits)

Requisites: None

LAC-110 Spanish Language & Culture (3 to 4 Credits)

(Formerly LLC 110) (Also SPA 110) Introductory course to Spanish Language and Culture. Basic language skills for the student who has no previous knowledge of the language. Course will cover different language functions, basic vocabulary, simple grammatical structure, oral recitation and written composition. In addition to language studies, the course will compare and contrast American, Latin American, Latino and Spanish cultures.

Requisites: None

LAC-111 Cultural Anthropology (3 to 4 Credits)

(Formerly LLC 111) (Also APG 111) An analysis of the theory and universality of culture from the historical, functional and structural approaches. Emphasis on cross-cultural comparisons as a basis for understanding contemporary society.

Requisites: None

LAC-115 French Language and Culture 1

Introductory course to French Language and Culture. Basic language skills for the student who has no previous knowledge of the language. Course will cover different language functions, basic vocabulary, simple grammatical structures, oral recitation and written composition. In addition to language studies, the course will compare French and French diasporic cultures in the Caribbean, Africa and elsewhere.

Requisites: None

LAC-116 Intro Latin American and Caribbean Studies

This course will offer a broad overview of historical and contemporary issues in Latin American and Caribbean Studies. Special attention will be paid to the experiences of Latin American and Caribbean peoples; national, ethnic, and racial identities; waves of migration within the region and beyond; and US-Latin American and Caribbean relations. The course will draw on interdisciplinary materials, including scholarly articles, and fiction.

Requisites: None

LAC-120 Spanish Language & Culture II (3 to 4 Credits)

This course will offer a broad overview of historical and contemporary issues in Latin American and Caribbean Studies. Special attention will be paid to the experiences of Latin American and Caribbean peoples; national, ethnic, and racial identities; waves of migration within the region and beyond; and US-Latin American and Caribbean relations. The course will draw on interdisciplinary materials, including scholarly articles, and fiction.

Requisites: Take SPA 110A or LAC 110; - Must be completed prior to taking this course.

LAC-125 French Language & Culture II (3 to 4 Credits)

Further development of language skills to broaden awareness and increase appreciation of the culture.

Requisites: TAKE FRN*115/LAC*115 or two years of high school French or consent of the Instructor. - Must be completed prior to taking this course.

LAC-216 Colonial Latin America and The Caribbean 1500-1825 (3 to 4 Credits)

Problem Solving & Critical Thinking Skills This course explores the history of Latin America and the Caribbean from Conquest to Independence. Special attention will be paid to encounters between various peoples; the economic, political, and cultural institutions of the colonial period; and the wars for independence that ended colonialism. This is the first course offered in the Latin American-Caribbean survey. Prerequisite: WRT 108 or WRT 109 with a final grade of C- or better.

Requisites: Take WRT 108 or WRT 109; Minimum grade C-; - Must be completed prior to taking this course.

LAC-226 MOD LAT AMER&CARIB,1825-PRES (4 Credits)

This course explores the history of Latin America and the Caribbean since Independence. It will pay particular attention to the colonial legacy; the abolition of slavery; economic development; twentieth-century social movements and revolutions; and relations with the United States. This is the second course offered in the Latin American Caribbean survey. Prerequisite: WRT 108 or WRT 109 with a final grade of C- or better.

Requisites: Take WRT 107, WRT 108 or WRT 109 Minimum grade C- or higher - Must be completed prior to taking this course.

LAC-232 LATIN AMERICAN LIT SURVEY (3 to 4 Credits)

(ALSO ENG 232) MULTICULTURAL/TRANSCULTURAL & GLOBAL AWARENESS Survey of Latin American literatures from the sixteenth century to the present. Emphasis is upon literary discourses that reflect and shape the diverse array of Latin American cultural identities throughout the region.

Requisites: Take WRT 108/109; Minimum grade C-; - Must be taken either prior to or at the same time as this course.

LAC-233 Select Topics in Latin American and Caribbean (3 to 4 Credits)

Selected Topics in Latin American & Caribbean Studies- Selected Topics with Latin American & Caribbean focus. Prerequisites defined by the department offering the course.

Requisites: Take WRT*107; Minimum grade C-; - Must be completed prior to taking this course.

LAC-241 Minority Groups and Race Relation (4 Credits)

(Also SOC 241) This course examines race, ethnicity, racism, prejudice, discrimination, majority-minority relations, and other intergroup relations from a sociological perspective, paying close attention to the experiences of the major racial/ethnic groups in the United States, namely, American Indians, European Americans, African/Americans, Latinos, and Asian Americans. Prerequisite: PSY 100 or SOC 100.

Requisites: SOC*100 or PSY 100; Must be completed prior to taking this course.

LAC-241A Minority Groups and Race Relation (3 to 4 Credits)

LAC 241A Race, Ethnicity, and Social Justice Race, Ethnicity, and Social Justice (Also AFS/SOC/WMS 241A) This course concerns racial and ethnic inequalities from a sociological perspective. It focuses on the fundamental concepts of race, ethnicity, prejudice, and discrimination as they have played an important role in the maintenance of those inequalities. As such, the course examines how racial and ethnic inequalities have prevented social justice to be fully achieved, especially in the US. Prerequisites: SOC 100 or PSY 100. Prerequisite: PSY 100 or SOC 100.

Requisites: SOC*100 or PSY 100; Must be completed prior to taking this course.

MTH-130 Transition to Collegiate Mathematics (4 Credits)

A course designed to develop a transition from high school expectations to the study of mathematics at the collegiate level made easier through the use of the TI-84+ graphing calculator as an aid to understanding of mathematical concepts. Critical thinking will be a central theme woven through the concepts of number sense; using percents to show change and comparison; solving simple equations through the application of interest, discount, and sales price; and introductory algebra including applications of linear and quadratic functions. This course will be waived if the student's mathematical preparation is sufficient. Students who have received credit for a higher level mathematics may not take this course.

Requisites: None

MTH-140 College Algebra: Enhanced (4 Credits)

This is an enriched college algebra course supported by structured activities to promote student success. The concepts of functions and their properties from a central theme. Multiple representations of function properties are made possible through the use of the Ti-84+ graphing calculator. Polynomial, quadratic, exponential, and logarithmic functions are considered. The course also includes an introduction to matrices as a method of solving systems of equations and the study of descriptive statistics in order to interpret data and make informed decisions. Students may not receive credit for both MTH 140 and MTH 141. Prerequisite: MTH 130 or an appropriate score in the mathematics placement test.

Requisites: Take MTH 130 - Must be completed prior to taking this course.

MTH-141 College Algebra (4 Credits)

The concept of functions and their properties form a central theme. Multiple representations of function properties are made possible through the use of T1-84+ graphing calculator. Polynomial, quadratic, exponential, and logarithmic functions are considered. The course also includes an introduction to matrices as a method of solving systems of equations and the study of descriptive statistics in order to interpret data and make informed decisions. Students may not receive credit for both MTH 140/141.

Requisites: Take MTH 130; - Must be taken either prior to or at the same time as this course.

MTH-160 Precalculus: Enhanced (4 Credits)

This is an enriched precalculus course supported by structured activities to promote student success. The concept of functions and their properties form a central theme. Multiple representations of function properties are made possible through the use of the T1-84+ calculator. Polynomial, quadratic, rational, exponential, logarithmic and trigonometric functions are considered. In addition MTH 160 includes an overview of matrices as a method of solving

systems of equations and an introduction to limits and tangent lines. Students may not receive credit for both MTH 160 and MTH 161.

Requisites: Take MTH 130; - Must be completed prior to taking this course.

MTH-161 Precalculus (4 Credits)

The concept of functions and their properties form a central theme. Multiple representations of function properties are made possible through the use of T1-84+ graphing calculator. Polynomial, quadratic, rational, exponential, logarithmic and trigonometric functions are considered. In addition, MTH 161 includes an overview of matrices as a method of solving systems of equations and an introduction to limits and tangent lines. Students may not receive credit for both MTH 160 and MTH 161.

Requisites: Take MTH 130; - Must be completed prior to taking this course.

MTH-200 Applied Statistics I (4 Credits)

This course covers the methodology of organizing, summarizing, and presenting statistical data. Students calculate and interpret the measures of central tendency and dispersion and are introduced to probability and distribution theory (Normal, Binomial, Poisson). They use distribution and sampling theory to make statistical inferences.

Requisites: Take either MTH 140, MTH 141, MTH 160 OR MTH 161 - Must be completed prior to taking this course.

MTH-221C Calculus and Analytic Geometry I (4 Credits)

Basic theory of differential calculus through the concepts of limits and continuity are the goals of this course. Necessary analytic geometry is developed as required. Algebraic and trigonometric functions, curve sketching and applications to real world problems (including maximum/minimum problems). The Mean Value Theorem, and its consequences are covered.

Requisites: Take MTH 160 or MTH 161 - minimum grade of C - Must be completed prior to taking this course.

Honors Option: MTH-221H Calculus and Analytic Geometry I - Honors (4 Credits)

MTH-222C Calculus and Analytic Geometry II (4 Credits)

This is an introduction to integral calculus and its application to the solution of real world problems. Integration of exponential, logarithmic and trigonometric functions, techniques of integration, and an introduction to differential equations are covered.

Requisites: Take MTH 221 - Must be completed prior to taking this course.

Honors Option MTH-222H Calculus and Analytic Geometry II - Honors (4 Credits)

MTH-223A Calculus and Analytic Geometry III (4 Credits)

The study of calculus is continued through sequences and series, multivariable functions and their derivatives, multiple integrals and vector valued functions, Green's Theorem, and Stokes' Theorem. Applications using the graphing calculator are included.

Requisites: Take MTH 222C - Must be completed prior to taking this course.

Honors Option: MTH-223H Calculus and Analytic Geometry III - Honors (4 Credits)

MTH-320A Differential Equations (4 Credits)

The focus of this course is the solution of differential equations. Topics include: separation of variables, homogeneous equations, integrating factors, linear and higher order equations and applications via classical and computer based methods.

Requisites: Take MTH 222C; - Must be completed prior to taking this course.

MTH-330B Geometry (4 Credits)

This is an axiomatic approach to geometry which compares various analyses of Euclid's fifth postulate resulting in non-Euclidean geometries. Several finite geometries are studied.

Requisites: Take MTH 222C - Must be completed prior to taking this course.

MTH-332A Discrete Mathematics (4 Credits)

Topics in this course include elementary set theory, permutations and combinations, discrete functions, relations and graphs, trees, counting procedures and Boolean Algebra. Application of these topics in computer science will be covered. Prerequisite: MTH 160/161 with a grade of C or better.

Requisites: Take MTH 160/161 - minimum grade C or better - Must be completed prior to taking this course.

MTH-335A Foundations of Advanced Mathematics (4 Credits)

This is a study of the development of concepts and tools used in abstract mathematics. Emphasis is on writing proofs, logic, set theory, formal axiom systems, and the real number system from an axiomatic point of view.

Requisites: Take MTH 221 and MTH 332 - Must be completed prior to taking this course.

MTH-337 Linear Algebra (4 Credits)

This is a course in the abstract mathematics sequence. Topics include: systems of linear equations, matrices, vectors, linear transformations, bases, linear independence, orthogonality, eigenvectors and eigenvalues.

Requisites: Take MTH 222 - Must be taken either prior to or at the same time as this course.

MTH-415B Abstract Algebra (4 Credits)

This is the final course in the abstract mathematics sequence. Topics include: groups, rings, fields, integral domains, isomorphisms, homomorphisms, subgroup structure of finite groups.

Requisites: Successfully Complete MTH 331 or MTH 335 - Must be completed prior to taking this course.

MTH-423 Advanced Calculus (4 Credits)

This course is a rigorous treatment of the basic concepts of calculus including limits, continuity, differentiation, and the Riemann integral. Properties of the real number system, and extensions of the Mean Value Theorem are also considered.

Requisites: Take MTH 223 - Must be completed prior to taking this course.

NUR-105 NUTRITION (2 Credits)

Study of nutrition in relation to nutrients throughout the life cycle. Nursing assessment, planning and evaluation of diet, and food beliefs are explored.

Requisites: Pre-Nursing major students only. BIO 205 AND WRT 102, WRT 105 or WRT 106 before or with NUR 105 - Recommended to be taken either prior to or at the same time as this course, but is not required.

NUR-215 Foundations of Professional Practice (4 Credits)

Introduces the students to the knowledge base of professional nursing. Presents theoretical foundations that support practice such as critical thinking, communication, ethics and law, nursing theorists and health and illness. Introduces professional values of caring, altruism, autonomy, human dignity, integrity and social justice. Explores the history of nursing creating an understanding for current nursing practice and education. Initiates the socialization of the student to the expectations of the profession of nursing. Includes a weekly laboratory to foster success in the major.

Requisites: BIO 206, NUR 105, MTH 140/141 and WRT 107/108/109 - Must be completed prior to taking this course. CHM 120 and NUR 235 - Recommended to be taken either prior to or at the same time as this course, but is not required.

NUR-215L Lab (0 Credits)

NUR-235 Health and Physical Assessment (4 Credits)

Introduces selected foundational nursing concepts. Develop skills in health and physical assessment and apply it to well adult populations. This course includes a lecture component as well as a laboratory component which requires extensive practice time. Requires successful achievement of practicum to demonstrate mastery of skills. Limited clinical experiences may be included.

Requisites: BIO 206, NUR 105, MTH 140/141 and WRT 107/108/109 - Must be completed prior to taking this course. CHM 120 and NUR 215 - Recommended to be taken either prior to or at the same time as this course, but is not required.

Honors Option: NUR-235H Health and Physical Assessment - Honors (4 Credits)

NUR-235L Lab (0 Credits)

NUR-241 Adult Health I (6 Credits)

Introduces basic medical surgical concepts integral to care of the adult client. Develops critical thinking and basic technical skills. Applies the nursing process and prioritizes care to selected interventions. Requires extensive independent practice. Requires laboratory and clinical days.

Requisites: CHM 120, NUR 215, NUR 235, PSY 100 SOC 100 - Must be completed prior to taking this course. Corequisites: BIO 200; NUR 257.

Honors Option: NUR-241H Adult Health I - Honors (4 Credits)

NUR-241L Lab (0 Credits)

NUR-268 Integrated Pathophysiology And Pharmacology For Nursing Practice I (4 Credits)

This course is an introduction to the basic concepts and principles of pathophysiology and pharmacology. Students will study the science of pharmacology to develop an understanding of medications and their interactions in human disease and the mechanisms that govern them. Students will examine the pathophysiological and pharmacological phenomena that produce alterations in human physiology and the resulting human response to pharmacotherapeutic intervention.

Requisites: BIO 200, CHM 120 and NUR 241 - Must be taken either prior to or at the same time as this course.

NUR-305RN Bridge to the Profession-RN (4 Credits)

Focuses on establishing the foundation for professional nursing. Students explore the discipline of nursing and establish educational goals and strategies for advancement in the profession. Introduces major theories that guide the role of the baccalaureate graduate. Course focuses on developing reflective thinking about theory and practice.

Requisites: WRT-107 - Must be completed prior to taking this course.

NUR-323 Psychiatric/Behavioral Health Nursing (4 Credits)

Focuses on therapeutic use of self with individuals, families, and communities to promote behavioral health. Uses a research based and holistic approach to provide nursing care for clients exhibiting behavioral disorders within a cultural context including anxiety, mood and psychotic disorders in acute care and community settings. Requires 1 clinical day.

Requisites: All 200-level NUR COURSES - Must be completed prior to taking this course. NUR 338, and NUR 355 - Recommended to be taken either prior to or at the same time as this course, but is not required. Corequisites: NUR 236, NUR 268, NUR 355.

Honors Option: NUR-323H Psychiatric/Behavioral Health Nursing - Honors (4 Credits)

NUR-323L Lab (0 Credits)

NUR-335RN Health and Physical Assessment - RN (4 Credits)

RN students develop comprehensive physical assessment techniques and apply them in assessing the health status of people across the lifespan. Requires extensive practice in laboratory.

Requisites: WRT-107 - Must be completed prior to taking this course.

NUR-335L Lab (0 Credits)

NUR-338 Integrated Pathophysiology And Pharmacology For Nursing Practice II (3 to 4 Credits)

This course builds on the previous course, Integrated Pathophysiology for Nursing Practice I, with the introduction of further advanced concepts and principles of pathophysiology and pharmacology. Students will study the science of pharmacology to develop a deeper understanding of medications and their interactions in human disease and mechanisms that govern them. Students will continue to examine the pathophysiological and pharmacological phenomena that produce alterations in human physiology and the resulting human response to pharmacotherapeutic intervention.

Requisites: NUR 268, NUR 323, NUR 355 and CHM 120 - Must be taken either prior to or at the same time as this course.

NUR-341 Adult Health II (6 Credits)

Reinforces contemporary medical-surgical concepts integral to the care of the client. Focuses on acute and chronic diseases and related nursing interventions in the acute care setting. Reinforces organizational skills and ability to prioritize client care founded on evidence based practice. Requires 2 clinical days.

Requisites: NUR 236, NUR 349 - Must be completed prior to taking this course. NUR 268, NUR 323, NUR 355. Corequisite NUR 351 - Must be taken either prior to or at the same time as this course. NUR 351 - Recommended to be taken either prior to or at the same time as this course, but is not required.

Honors Option: NUR-341H Adult Health II - Honors (4 Credits)

NUR-341L Lab (0 Credits)

NUR-345RN Foundations in Community - RN (4 Credits)

Focuses on health promotion for the well individual and family in the community. Explores health risk across the lifespan and strategies effective in risk reduction.

Requisites: NUR*305RN AND NUR*335RN - Must be completed prior to taking this course.

NUR-349 Growth and Development (2 Credits)

Focuses on growth and development from newborn to senescence. Provides the framework for understanding the person and factors that predispose individuals to health-wellness and disease-illness. Includes understanding of physical, cognitive, emotional, social and environmental factors influencing development. Cultural influences on the person emphasized through discussion and case studies.

Requisites: NUR 236 - Must be completed prior to taking this course. NUR 268, NUR 323, NUR 355 - Must be taken either prior to or at the same time as this course. NUR 341 and NUR 351 - Recommended to be taken either prior to or at the same time as this course, but is not required. Honors Option: NUR-349H Growth and Development - Honors (2 Credits)

NUR-351 Maternity and Pediatric Nursing (4 Credits)

Uses concepts of growth and development, family theory, and the nursing process to interact with children and families for health promotion and illness prevention. Course centers on care of women during ante-partum; birth; postpartum: newborns and children during wellness and illness. Focuses on priority setting strategies for family centered education. Requires 1 clinical day.

Requisites: NUR 236, NUR 349 - Must be completed prior to taking this course. NUR 268, NUR 323, NUR 355 - Must be taken either prior to or at the same time as this course. NUR 341 - Recommended to be taken either prior to or at the same time as this course, but is not required. Honors Option: NUR-351H Maternity and Pediatric Nursing - Honors (4 Credits)

NUR-351L Lab (0 Credits)

NUR-355RN Nursing Research (4 Credits)

Introduces the concepts and processes of nursing research and evidence based practice to enable students to become critical consumers and evaluators of research findings. Focuses on the utilization and application of research and evidence based findings in practice.

Requisites: NUR 305RN, NUR 335RN; PSY 245 or MTH 200 - Must be completed prior to taking this course.

NUR-355WI Nursing Research (4 Credits)

Writing Intensive. Focuses on research as a foundation for practice, education, and health care policy. Introduces the concepts and processes of nursing research and evidence based practice to enable students to become critical consumers and evaluators of research findings for use in practice. Includes a weekly laboratory session to foster success in the major.

Requisites: All 200 level Nursing courses AND MTH 200 or PSY 245A - Must be completed prior to taking this course. NUR 323 and NUR 338 - Must be taken either prior to or at the same time as this course.

Honors Option: NUR-355H Nursing Research - Honors (4 Credits)

NUR-355L Lab (0 Credits)

NUR-404A Management and Leadership (4 Credits)

Theory provides the framework for understanding leadership role performance and management principals. Course promotes development of personal attributes for leadership and management. Clinical settings may be used to foster application of theory to practice.

Requisites: NUR 441 - Must be completed prior to taking this course. NUR 461; - Must be taken either prior to or at the same time as this course.

NUR-404RN Management and Leadership - RN (4 Credits)

Theory provides the framework for understanding management principles and leadership as personal attribute to be developed. Focus on assisting students to develop strategies for effective leadership in practice settings. Clinical settings may be used to foster application of theory to practice.

Requisites: All 300-level Nursing courses must be completed prior to taking this course. NUR*335RN AND NUR*345RN AND NUR*355RN - Must be completed prior to taking this course.

NUR-441 Adult Health III (6 Credits)

Introduces critical care nursing theory, emphasizes and reinforces adult nursing principals. Focuses on clients with multi-system problems. Designs, implements, and evaluates nursing care of clients with complex health care issues. Requires 2 clinical days.

Requisites: All NUR 300 level courses - Must be taken either prior to or at the same time as this course. NUR 460 - Recommended to be taken either prior to or at the same time as this course, but is not required.

NUR-441L Lab (0 Credits)

NUR-445RN Community Nursing - RN (6 Credits)

Builds on NUR 345-RN, expanding the focus from the nurse-client interaction to the nurse-community relationship. Content includes concepts essential for the community/public health nurse.

Requisites: All 300-level Nursing courses must be completed prior to taking this course.

NUR-445L Lab (0 Credits)

NUR-454 Community Nursing (6 Credits)

Builds on nursing knowledge, expands focus from the nurse client interaction to the nurse community relationship. Community can be in family, a geographic location, and/or an aggregate population. Knowledge of epidemiology and economics support community health nursing. Clinical experiences provide students the opportunity to explore the roles of nurses in the community. Requires 2 clinical days.

Requisites: NUR 441, NUR 460 - Must be completed prior to taking this course. NUR 461 - Recommended to be taken either prior to or at the same time as this course, but is not required.
Honors Option: NUR-454H Community Nursing - Honors (4 Credits)

NUR-454L Lab (0 Credits)

NUR-460RN CAPSTONE PROJECT I - RN (2 Credits)

Opportunities to synthesize previous course content and major concepts of the nursing curriculum in a culminating project that demonstrates integration of college competencies. Student creates an original patient/health-oriented project in areas such as: Clinical Practice, Evidence-Based Practice (EBP), Political Activism, Research, and Certification in a health-related speciality area.

Requisites: NUR-454RN - Recommended to be taken either prior to or at the same time as this course, but is not required.
Honors Option: NUR-460H CAPSTONE PROJECT I - Honors (2 Credits)

NUR-460WI CAPSTONE PROJECT I - RN (2 Credits)

Writing Intensive Opportunities to apply previous course content and major concepts of the nursing curriculum in a culminating project that demonstrates integration of college competencies. Students create an original patient/health-oriented project in areas such as: Clinical Practice, Evidence- Based Practice (EBP), Political Activism, Research, and Certification in health-related specialty area.

Requisites: All 300-level Nursing courses must be completed prior to taking this course.
NUR-441 - Must be taken either prior to or at the same time as this course.

NUR-461 Capstone Project II (2 Credits)

Writing Intensive Finalizes project started in Capstone Project I. Focuses on presentation and evaluation of culminating project to selected populations. Opportunities for self evaluation of professional behaviors using reflection and critical thinking.

Requisites: NUR-460 - Must be completed prior to taking this course. NUR-454 - Recommended to be taken either prior to or at the same time as this course, but is not required.

Honors Option: NUR-461H CAPSTONE PROJECT II - Honors (2 Credits)

NUR-461RN Capstone Project II - RN (2 Credits)

Finalizes project started in Capstone Project I. Focuses on presentation and evaluation of culminating project to selected populations. Opportunities for self evaluation of professional behaviors using reflection and critical thinking.

Requisites: NUR-460RN - Must be completed prior to taking this course. NUR-454RN - Recommended to be taken either prior to or at the same time as this course, but is not required.

PHY 105 General Physics I (4 Credits)

This is an algebra-based course covering some of the fundamental principles and laws of nature. Topics include Newtonian mechanics, fluids, kinetic theory of gasses, heat and thermodynamics, periodic phenomena and wave motion. This course consists of lectures and one three-hour laboratory per week. Prerequisite: MTH 160/MTH 161 or consent of the Instructor.

Requisites: Take MTH 160/161 Take PHY 105L - Must be completed prior to taking this course.
Take PHY*105L; - Must be taken at the same time as this course.

PHY 105L Lab Physics I (4 Credits)

Requisites: None

PHY 106 General Physics II (4 Credits)

This course is a continuation of PHY 105. Topics include electricity, magnetism, light, geometric and wave optics, quantum and atomic physics. The course consists of lectures and one three-hour laboratory per week. Prerequisite: PHY 105 or consent of the Instructor.

Requisites: Take PHY 105 - Must be completed prior to taking this course.

PHY 106L Lab Physics II (4 Credits)

Requisites: None

PSY-100 Introduction To Psychology (3 to 4 Credits)

Introduction to psychological research methods, biological foundations, sensation and perception, states of consciousness, learning, memory, human development, personality, social behavior, psychological disorders and treatment, and applied psychology.

Requisites: none

Honors Option: PSY-100H INTRO TO PSYCHOLOGY - HONORS (4 Credits)

PSY-201D Human Cognition/Learning (4 Credits)

An examination of various topics including classical conditioning, operant conditioning, memory, language, thinking, creativity and problem-solving.

Requisites: PSY 100 - Must be completed prior to taking this course.

Honors Option: PSY-201H HUMAN COGNITION/LEARNING - HONORS (4 Credits)

PSY-205C Developmental Psychology (4 Credits)

An examination of various topics including classical conditioning, operant conditioning, memory, language, thinking, creativity and problem-solving.

Requisites: PSY 100 and WRT 107, WRT 108 or WRT 109 - Must be completed prior to taking this course.

PSY-205WI Developmental Psychology (3 to 4 Credits)

Writing Intensive. An introduction to the study of human development across the lifespan. The course focuses on research methodology and current literature in the areas of physical, cognitive, social, and personality changes from conception to death. Stress is placed on evaluating the relative contributions of nature and nurture to these changes.

Requisites: PSY 100 and WRT 108 or WRT 109 - Must be completed prior to taking this course.

PSY-209 Health Psychology (4 Credits)

An examination of the specialization in psychology that focuses on physical health. In particular, health psychology describes the interrelationships between behavior, psychological states, and physical health.

Requisites: PSY 100 - Must be completed prior to taking this course.

PSY-210 Educational Psychology Adolescence (3 to 4 Credits)

(Also EDC 210) The role of psychological concepts in educational practices, focusing on the nature and sources of intellectual development and readiness according to Piagetian, psychometric, and information process perspectives. Beyond these approaches to cognitive development, learning theory, motivation, and the role of emotion in learning will be discussed. This course will also include a section on individual differences in learning; exceptional students and social, ethnic, cultural, and gender differences. The related topics of measurement and evaluation of learning will round out the course.

Requisites: PSY 100 - Must be completed prior to taking this course.

Honors Option: PSY-210H Educational Psychology Adolescence (4 Credits)

PSY-221 Career Development Theory and Practice (3 to 4 Credits)

(Formerly PSY 314) An introduction to theory, research, and practice in the field of career development. Career development is a major aspect of human development. Students will use the theories and research discussed in class to craft their own career development plans.

Requisites: GIS 100 OR PSY 100 OR SOC 100 - Must be completed prior to taking this course.

Honors Option: PSY-221H Career Development Theory and Practice (4 Credits)

PSY-224 Industrial/Organizational Psychology (4 Credits)

(Formerly PSY 324) The application of the methods, facts, and principles of the science of psychology to people at work. Topics include: employee selection, training, performance appraisal, leadership, motivation, job satisfaction, working conditions, workplace safety, violence in the workplace, health issues at work, stress, engineering psychology and consumer psychology.

Requisites: PSY 100 or BUS 200 - Must be completed prior to taking this course.

Honors Option: PSY-224H Industrial/Organizational Psychology (4 Credits)

PSY-230 Social Psychology (3 to 4 Credits)

(Also SOC 230) Human behavior as the interaction of individual and social processes. Recent research on topics such as interpersonal attraction, perception, and small group behavior; analysis of events and environments of current interest.

Requisites: PSY 100 or SOC 100 - Must be completed prior to taking this course.

Honors Option: PSY-230H Social Psychology (4 Credits)

PSY-231 Animal Behavior (4 Credits)

(Also SOC 230) Human behavior as the interaction of individual and social processes. Recent research on topics such as interpersonal attraction, perception, and small group behavior; analysis of events and environments of current interest.

Requisites: PSY 100 or SOC 100 - Must be completed prior to taking this course.
Honors Option: PSY-231H Animal Behavior (4 Credits)

PSY-245A Statistics for The Behavioral Sciences (4 Credits)

Introduction to statistical methods as applied to the behavioral sciences. Emphasis on the basic assumptions underlying statistical concepts, selection of appropriate analyses, and the role of statistics in the analysis and interpretation of quantitative data. Topics include frequency distributions, measures of central tendency and variability, probability and sampling, correlation and regression, and hypothesis testing.

Requisites: MTH 130 - Must be completed prior to taking this course.

PSY-305 ABNORMAL PSYCHOLOGY (3 to 4 Credits)

An introduction to psychological issues in mental health including understanding of the DSM-IV. Issues of diversity in diagnosis, treatment, and research will be addressed.

Requisites: PSY 100 - Must be completed prior to taking this course.
Honors Option: PSY-305H Abnormal Psychology (4 Credits)

PSY-306A ADOLESCENCE (3 to 4 Credits)

An in depth analysis of that transitional period known as adolescence. The course will focus on research methodology and current literature in areas such as pubertal changes, cognitive development, academic achievement, identity achievement, sexuality and intimacy. Issues will be viewed through the contexts of development-peers, families, employment, school and culture.

Requisites: PSY 100 - Must be completed prior to taking this course.

PSY-307 The Theories of Personality (3 to 4 Credits)

Approaches to the study of personality including psychoanalytic, developmental, behavioristic and other theories. Emphasis on research design and assessment techniques in the field.

Requisites: PSY 100 - Must be completed prior to taking this course.
Honors Option: PSY-307H The Theories of Personality (4 Credits)

PSY-308 Theory and Practice in Human Services (4 Credits)

(Also PSC/SOC 308) This course considers several different cross-disciplinary theoretical frameworks that are relevant to understanding social problems (e.g., HIV/AIDS, poverty and homelessness, teenage motherhood, hunger, domestic violence, alcohol and drug abuse, aging, child welfare issues, etc.). The course investigates the ways in which these social problems and people's needs are addressed by our social welfare and human service institutions, both public and private. Ethical issues surrounding the provision of care and services in the human services are emphasized. Principles of group dynamics, needs assessment, participant observation and evaluative research methods are also studied.

Requisites: Junior Status.

PSY-309 Adulthood and Aging (4 Credits)

An in depth analysis of development from early adulthood through old age. The course focuses on current literature in areas such as physical, cognitive, and personality changes, relationships, parenthood, work and retirement. Central questions: Is adulthood a period of decline or development? How is the experience of aging affected by cultural attitudes toward the aged?

Requisites: PSY 205 - Must be completed prior to taking this course.

PSY-310WI Research Methods I (3 to 4 Credits)

Writing Intensive. The combined lecture and laboratory course includes research projects based on traditional research designs as well as archival, observational, correctional, and quasi-experimental methods. A lab component is included in the course.

Requisites: PSY 100, PSY 245, and WRT 108 or WRT 109; - Must be completed prior to taking this course.

PSY-311 Research Methods II (4 Credits)

Writing Intensive. This combined lecture and laboratory course primarily focuses on qualitative and applied research methods used in educational, social services and corporate settings. Methods covered will include focus groups, structured interviews, archival research and program evaluation.

Requisites: PSY 310C or SOC 325A; WRT 107, WRT 108 or WRT 109 - Must be completed prior to taking this course.

PSY-311WI Research Methods II (3 to 4 Credits)

Writing Intensive. This combined lecture and laboratory course primarily focuses on qualitative and applied research methods used in educational, social services and corporate settings.

Methods covered will include focus groups, structured interviews, archival research and program evaluation.

Requisites: PSY 310C or SOC 325A; WRT 108 or WRT 109 - Must be completed prior to taking this course.

PSY-319 The Psychology of Motivation (3 to 4 Credits)

(Formerly PSY 215) Analysis of the development of motivation from simple drives to complex social needs, including the nature of emotion, attitudes and motives. Emphasis on current research in motivation and its theoretical implications.

Requisites: PSY 100 - Must be completed prior to taking this course.

PSY-323A Biopsychology (4 Credits)

The study of the biological bases of behavior. The focus is on the role of genetics, neuro-physiology, hormones and drugs on sensation, perception, learning, consciousness, emotion, motivation, sexual behavior and psychopathology.

Requisites: PSY 100 - Must be completed prior to taking this course.

Honors Option: PSY-323H Biopsychology - Honors (4 Credits)

PSY-332 Death & Dying (4 Credits)

This course provides an overview of the ways that we are touched by death and dying. Topics include the death system, hospice, suicide, violent death, death in childhood, bereavement, grief, mourning, and the funeral process. We will discuss ways of handling the psychological, sociological, cultural and religious implications of death.

Requisites: PSY 100 - Must be completed prior to taking this course.

PSY-333 Selected Topics in Psychology (3 to 4 Credits)

Topics may include relationships and divorce, history and systems, self in contemporary psychology among others. (Course may be repeated for credit as topics change.)

Requisites: PSY 100 - Must be completed prior to taking this course. PSY 100 and an additional prerequisite to be announced when course is offered.

Honors Option: PSY-333 Selected Topics in Psychology (4 Credits)

PSY-335B Psychology Of Gender (3 to 4 Credits)

An analysis of present research finding and theory pertaining to gender-related issues. Social and intellectual development, gender differences and gender role socialization will be examined.

This course will provide students with a basis for understanding the role of gender in research and clinical applications.

Requisites: PSY 100 - Must be completed prior to taking this course.

PSY-350 Drugs & Behavior (3 to 4 Credits)

Widespread use of psychoactive substances was a component of human behavior before the advent of civilization. In this course, we will examine the how and why of human drug use. We will focus on the biological mechanisms of drug action and how this in turn affects human behavior. We will also explore drug use/abuse from a societal perspective across different times and cultures. Taking a social justice perspective, we will examine how current drug laws affect society at-large, how the enforcement of certain drug laws affects under-represented groups, and whether/how anti-drug laws are effective at curbing drug abuse and its associated criminal behaviors.

Requisites: PSY 100 - Must be completed prior to taking this course.

PSY-405 Sports Psychology (4 Credits)

This course will examine the psychological concepts that are relevant to sport. Students will learn about the science of sport psychology, examining various topics such as arousal, motivation, competition, group and team cohesion, communication, self-confidence, and concentration.

Requisites: PSY 100 and PSY 310 - Must be completed prior to taking this course.

Honors Option: PSY-405H Sports Psychology (4 Credits)

PSY-418B Principles Of Psychotherapy (3 to 4 Credits)

An upper level integrating course that focuses on theoretical and practical models of psychotherapy and counseling in applied settings. The focus is on current research and practices in the field of clinical psychology. A background in personality theory and abnormal psychology is highly recommended.

Requisites: PSY 307 or PSY 305 and PSY 310 and Junior or Senior Standing - Must be completed prior to taking this course.

Honors Option: PSY-418H Principles Of Psychotherapy (4 Credits)

PSY-420 Group Dynamics (3 to 4 Credits)

The study of the theory and research of group behavior. Students will examine group dynamics through readings in industrial/organizational and social psychology. In addition, students will participate in experiential group exercises.

Requisites: PSY 310C - Psychology majors with Junior or Senior standing - Must be completed prior to taking this course.

Honors Option: PSY-420H Group Dynamics (4 Credits)

PSY-425 Cross-Cultural Psychology (4 Credits)

(Also WMS 425) A study of cultural differences in psychological functioning. In a world of increasing cultural contact, globalization, immigration, and ethnic tensions, it is increasingly important to learn about cultural differences and intercultural communication. Are there any psychological universals? How can intercultural relations be improved? These are some of the questions cross-cultural psychology seeks to address.

Requisites: PSY/SOC 230, PSY 310, PSY 305, or PSY 307 and Junior or Senior Standing - Must be completed prior to taking this course.

Honors Option: PSY-425H Cross-Cultural Psychology (4 Credits)

PSY-450 Senior Research Seminar (4 Credits)

Students will participate in the entire research process including hypothesis development, literature review, data collection and analysis, and communicating the results to others. The class will also discuss several contemporary and classic articles in psychology to further their knowledge of the field and their ability to critique research.

Requisites: PSY 310, PSY 311 with a grade of C or better and permission of the Instructor.

Honors Option: PSY-450H Senior Research Seminar (4 Credits)

PSY-495B Psychology Internship (4 Credits)

This course requires a weekly seminar, as well as placement in an approved clinical, developmental, industrial/organizational, or educational setting for a total of 96 hours over the course of the semester. The course will permit students to apply what they have learned to new situations. Acceptance into the internship program requires an application procedure, interview with the instructor and two letters of recommendation.

Requisites: PSY 310C Psychology major with Junior or Senior standing - Must be completed prior to taking this course.

Honors Option: PSY-495H Psychology Internship (4 Credits)

REL-115 Critical Approaches to Religion (3 to 4 Credits)

This course introduces students to the academic study of religion. Various theories and methodologies are studied to understand the role of religion in society. This class focuses on theology, philosophy, psychology, sociology, anthropology, liberationist theory, feminist/womanist theological ethics, and queer theory as a way to study religion critically.

Requisites: None.

REL-200 Introduction to World Religions (4 Credits)

This course introduces students to various methodologies to analyze the meaning and relevance of some of the world's major religions such as Hinduism, Judaism, Christianity, and Islam. It invites students to study how social situations and cultural values influence our views on divinities, cosmology, humanity, the human person, belief, ritual, and morality.

Requisites: WRT 105A, WRT 106 or WRT 102; Minimum grade C -; Must be completed prior to taking this course.

REL-201 Old Testament Literature, History & Religion (4 Credits)

A study of the Old Testament against the background of the ancient Near East emphasizing the history and religion of the Hebrew people.

Requisites: WRT 108 or WRT 109 with a minimum grade of C-; Must be completed prior to taking this course.

REL-204 New Testament Literature, History and Religion (4 Credits)

The writings of the New Testament will be studied in terms of their historical context, literary style, purpose, authorship, and religious teachings. A variety of approaches to the reading and understanding of this literature will be considered.

Requisites: WRT 107, WRT 108 or WRT 109 Minimum grade C-; Must be completed prior to taking this course.

Honors Option: REL-204H New Testament Literature, History and Religion - Honors (4 Credits)

REL-208 Religion In America (4 Credits)

The history of religion in the United States from the colonial period to the present day. Topics will include: the religious situation in Europe during the 16th and 17th centuries; immigration patterns of the colonists; frontier expansion and the industrial revolution; the growth of denominationalism; religion and science; liberal and conservative ends; civil religion; "cults" and other contemporary issues.

Requisites: WRT 107, WRT 108 or WRT 109 Minimum grade C-; Must be completed prior to taking this course.

Honors Option: REL-208H Religion In America - Honors (4 Credits)

REL-211 Religion and Society (4 Credits)

This course seeks to develop in the student an awareness of sociological approaches to the study and understanding of religion. It will consider the various ways of defining and articulating the sociological dimensions of religion. Included will be an exploration of how American and other societies have been influenced by religious factors as well as an investigation of how society itself can shape religion. The relationship of religion to politics, economics, class structures, sexual roles and other vital areas of human life will be examined.

Requisites: WRT 107, WRT 108 or WRT 109 Minimum grade C-; Must be completed prior to taking this course.

Honors Option: REL-211H Religion and Society - Honors (4 Credits)

REL-212 Religion and Culture (4 Credits)

Religion is an integral part of human culture and society; as such, it has exerted an enormous influence upon the course of history, the formation of civilization, and the development of literature, art, music, and philosophy. The aim of this course is to acquaint the student with the diversity and complexity of religious phenomena in Western and selected non-Western cultures. The student will be introduced to the "language" of religion (mythology, symbolism, ritual) and will examine the influence of religion upon a range of humanistic concerns. These may include: art and architecture, music and dance, drama and literature, and philosophy.

Requisites: WRT 108 or WRT 109 Minimum grade C-; Must be completed prior to taking this course.

Honors Option: REL-212H Religion and Culture - Honors (4 Credits)

REL-227A Religion and Literature (4 Credits)

Selected poetry, fiction, drama, and non-fiction that explore such topics as faith, the nature and presence of God, death and immortality, spirituality, sin, and salvation. The course invites students to examine and reflect on the interrelationship of literary expression and a theological understanding of the world.

Requisites: WRT 107 with a minimum grade C-; Must be completed prior to taking this course.

Honors Option: REL-227H Religion and Literature - Honors (4 Credits)

REL-227WI Religion and Literature (3 to 4 Credits)

Selected poetry, fiction, drama, and non-fiction that explore such topics as faith, the nature and presence of God, death and immortality, spirituality, sin, and salvation. The course invites

students to examine and reflect on the interrelationship of literary expression and a theological understanding of the world.

Requisites: WRT 108 or WRT 109 Minimum grade C-; Must be completed prior to taking this course.

Honors Option: REL-227H Religion and Literature - Honors (4 Credits)

REL-230 Traditional Religions of the World (4 Credits)

This course will deal with the so-called "primitive" religious traditions of the Americas (e.g. Navaho), Polynesia, Australia, and Africa. The course will examine the basic beliefs, practices, world views, and mythologies of these disappearing societies. It will also reconsider the usage of terms such as "primitive," "advanced," etc.

Requisites: WRT 107, WRT 108 or WRT 109 Minimum grade C-; Must be completed prior to taking this course.

Honors Option: REL-230H Traditional Religions of the World - Honors (4 Credits)

REL-232A INTRODUCTION TO ISLAM (4 Credits)

(Also AFS-232) This course will introduce the student to the basic beliefs and practices of Islam. It will also survey major historical, cultural, theological, and social developments. Special attention will be given to the Arabian origins of Islam and to its subsequent growth into a dynamic global tradition. The role of Islam in the modern world and its impact on American society will also be considered.

Requisites: WRT 107, WRT 108 or WRT 109 Minimum grade C-; Must be completed prior to taking this course.

REL-233 Selected Topics in Religion (3 to 4 Credits)

This course provides for the study of various religious traditions and topics not covered in the regular course offerings. Possible topics may include: contemporary issues in religion; "new" religious movements; religion and art; religion in ancient Egypt, etc.

Requisites: WRT 107, WRT 108 or WRT 109 Minimum grade C-; Must be completed prior to taking this course.

Honors Option: REL-233H Selected Topics in Religion - Honors (4 Credits)

REL-237 Introduction to Buddhism (4 Credits)

An in-depth exploration of the beliefs, practices, and social institutions of Buddhism. Students will explore the history of Buddhism from its origin in India through its developments in China, Japan, and more recently in Europe and North America. We will also consider the increasing importance of Buddhism in modern American culture and society.

Requisites: WRT 107 with a minimum grade C-; Must be completed prior to taking this course.

REL-238 Introduction to Hinduism (4 Credits)

An in-depth exploration of the beliefs, practices, and social institutions of Hinduism. Students will explore the history of Hinduism from its origin in India through its developments in recent centuries as Hindus have migrated around the globe. We will also consider the increasing importance of Hinduism in modern American culture and society.

Requisites: WRT 107, REL 233 with a minimum grade C-; Must be completed prior to taking this course.

REL-280 Genders, Sexuality and Religion (4 Credits)

(Also WMS 380) This course investigates the intersections of religion, gender, and sexuality. It looks into the role that societal norms and cultural values play in how social and religious institutions view sex, sexuality, and gender in relation to religious convictions and practices. It emphasizes that both religion and sexuality are shaped by social privileges, historical particularities and experiences.

Requisites: WRT 105, WRT 106 , or WRT 102; Minimum grade C-; Must be completed prior to taking this course.

REL-320 Psychology of Religion (4 Credits)

This courses defines both religion and spirituality as a factor that contributes to the development and well-being of the human person. It examines the ways in which the psychology of religion can be used to explain various spiritual phenomena both in the past as well as the present.

Requisites: WRT 107, WRT 108 or WRT 109 with a minimum grade of C- and one (1) 100 or 200 level Religion course. - Must be completed prior to taking this course.

REL-333 Selected Topics in Religion (4 Credits)

This course provides for an in-depth study of major issues in the history of religions, especially the academic study of religion. Possible topics may include: mythology; cosmology; theology; religion and science, etc.

Requisites: WRT 107, WRT 108 or WRT 109 Minimum grade C-; Must be completed prior to taking this course. Additional prerequisites to be announced based on course topic.

Honors Option: REL-333H Selected Topics in Religion - Honors (4 Credits)

REL-360 African Religion, Civilization, and Culture (4 Credits)

(Also AFS 360) This course examines various expressions and forms of African spirituality, ethic, and culture. It challenges the long-standing myth that African religions are based on a

monolithic cultural system. Religious traditions from West and Central Africa are central to the objectives of this course.

Requisites: WRT 107, WRT 108 or WRT 109 Minimum grade C-; Must be completed prior to taking this course.

REL-370 Mythology (4 Credits)

No description available.

Requisites: WRT 107 or ENG 107 must be completed prior to taking this course.

REL-380WI Politics and Religion (4 Credits)

Politics and Religion explores theories focused on the relationship between religion and politics. It focuses on the impact of religion on socio-political issues. This course looks into how religion has been used as an ideology to shape policies dealing with issues such as abortion, gender, marriage equality, and voting rights.

Requisites: WRT 107, WRT 108 or WRT 109 Minimum grade C- and one (1) 100 or 200 level Religion course must be completed prior to taking this course.

REL-385WI Sociology Of Religion (4 Credits)

This course relies on scientific methodologies and examines the relevance of religion in society as well as the idea that religion is a pervasive socio-cultural phenomenon that influences social processes. It delves into the symbolic representations of religion and how they shape practitioners' and non-believers' perceptions on the divine and society.

Requisites: WRT 107, WRT 108 or WRT 109 Minimum grade C- and one (1) 100 or 200 level Religion course must be completed prior to taking this course.

SCI-100A Integrated Science (3 to 4 Credits)

This course introduces students to the academic study of religion. Various theories and methodologies are studied to understand the role of religion in society. This class focuses on theology, philosophy, psychology, sociology, anthropology, liberationist theory, feminist/womanist theological ethics, and queer theory as a way to study religion critically.

Requisites: None.

SCI-103 Astronomy (3 to 4 Credits)

The introductory course in astronomy explains how physical laws prescribe natural processes in the universe. It includes discussions on the motion, composition and evolution of the planets, stars and interstellar matter and examines the structure and evolution of the universe using the Big Bang theory. Some lab is an integral part of this course.

Requisites: Consent of the Instructor.

Honors Option: SCI-103H Astronomy - HONORS (4 Credits)

SCI-350 Pre-Chiropractic Internship (2 Credits)

This internship experience provides the student with an opportunity to explore the chiropractic profession by observing a Chiropractor professional in his or her work setting. It also allows the student to gain exposure to the inner workings of a Chiropractic office and helps students to build professional networks. This course can be repeated one time in a different setting and with the approval of the internship coordinator.

Requisites: None.

SOC-100 Introduction to Sociology (3 to 4 Credits)

This course provides an introduction to the basic concepts, theories, and methods in sociology. It explores the interactions between self and society by examining social structure, social consciousness, and social change. It takes the perspective that individuals both affect and are affected by values, norms, groups, and institutions.

Requisites: None.

Honors Option: SOC-100H Introduction to Sociology - Honors (4 Credits)

SOC-211 Juvenile Delinquency (4 Credits)

This course examines the organization and function of social institutions in our society and how they relate to producing particular patterns of juvenile delinquency. Delinquency theories and analysis of the three primary components of the juvenile justice system; police, courts, and corrections, are included in the course.

Requisites: SOC 100, SOC 215 with a grade of C or better - Must be completed prior to taking this course.

Honors Option: SOC-211H Juvenile Delinquency - Honors (4 Credits)

SOC-213 Women and Work (4 Credits)

This course examines the effects of gender, race and class on women's employment opportunities and labor force participation rates. Topics may include: access to education and training, women in the military, professional women, women and poverty, prostitution and sex work, occupational health and safety, sexual harassment on the job, maternity leave, factory work, immigrant women, unemployment, unionization, and the changing structure of work and occupations throughout the world.

Requisites: SOC 100, SOC 215 with a grade of C or better - Must be completed prior to taking this course.

Honors Option: SOC-211H Juvenile Delinquency - Honors (4 Credits)

SOC-215 Statistics for Sociologists (4 Credits)

This course provides an introduction to statistics for sociologists. It uses lectures and exercises to familiarize students with descriptive and inferential statistics. It explores the basic techniques used to describe social science data, examines probability theory and sampling theory, and introduces students to statistical inference techniques.

Requisites: SOC 100 or GIS 100 and MTH 130 - Must be completed prior to taking this course. MTH 140/141 or MTH 160/161 - Must be taken either prior to or at the same time as this course.

Honors Option: SOC-215H Statistics for Sociologists - Honors (4 Credits)

SOC-230 Social Psychology (4 Credits)

(Also PSY 230) Human behavior as the interaction of individual and social processes. Recent research on topics such as interpersonal attraction, perception, and small group behavior; analysis of events and environments of current interest.

Requisites: PSY 100 or SOC 100 - Must be completed prior to taking this course.

Honors Option: SOC-230H Social Psychology - Honors (4 Credits)

SOC-234A Social Inequality (4 Credits)

This course examines inequalities in power, privilege, and opportunities, which characterize the structure of most societies. It explores the role of ideology in legitimizing and sustaining unequal treatment due to differences in class, race, ethnicity, and gender. Topics include legal systems and the relation between educational attainment and social mobility.

Requisites: PSY 100 or SOC 100 - Must be completed prior to taking this course.

SOC-235 Urban Sociology (4 Credits)

This course studies cities as physical settings which shape and are shaped by social life, and also the social experiences that such settings produce. The course focuses on cities in history, theories of urbanization, the impact of race, ethnicity, class, and gender on cities, and worldwide urbanization.

Requisites: PSY 100 or SOC 100 - Must be completed prior to taking this course.

Honors Option: SOC-235H Urban Sociology - Honors (4 Credits)

SOC-236A Deviance and Social Control (3 to 4 Credits)

This course emphasizes the social reactions perspective, analyzes how people are differentially labeled, the experience of stigma, attempts at neutralization, and explores different social control strategies across time and place.

Requisites: PSY 100 or SOC 100 and SOC 215 - Must be completed prior to taking this course.

Honors Option: SOC-236H Deviance and Social Control - Honors (4 Credits)

SOC-241 Minority Groups and Race Relations (4 Credits)

(Also AFS/LLC/WMS 241) This course examines race, ethnicity, racism, prejudice, discrimination, majority-minority relations, and other intergroup relations from a sociological perspective, paying close attention to the experiences of the major racial/ethnic groups in the United States - American Indians, European Americans, African Americans, Latinos, and Asian Americans.

Requisites: PSY 100 or SOC 100 and SOC 215 - Must be completed prior to taking this course.

Honors Option: SOC-241H Minority Groups and Race Relations - Honors (4 Credits)

SOC-241A Minority Groups and Race Relations (3 to 4 Credits)

(Also AFS/LAC/WMS 241A) This course concerns racial and ethnic inequalities from a sociological perspective. It focuses on the fundamental concepts of race, ethnicity, prejudice, and discrimination as they have played an important role in the maintenance of those inequalities. As such, the course examines how racial and ethnic inequalities have prevented social justice to be fully achieved, especially in the US.

Requisites: PSY 100 or SOC 100 and SOC 215 - Must be completed prior to taking this course.

SOC-243A Criminology (3 to 4 Credits)

This course examines the classical and modern theories of crime, analysis of different crimes and criminals and the various responses to them by victims, their families, the media, and society as a whole.

Requisites: SOC 100, SOC 215 with a grade of C or better - Must be completed prior to taking this course.

SOC-249 Sociology of The Family (4 Credits)

(Also WMS 249) From the perspective of the family as the most basic social institution in human society and as a focus of social change, this course discusses the major trends in the past forty years that have called attention to the diversity of American family life. Themes include the family life cycle, couple interaction, subcultural variations, and work-family interaction.

Requisites: SOC 100 - Must be completed prior to taking this course.

Honors Option: SOC-249H Sociology of The Family - Honors (4 Credits)

SOC-251 Gender and Globalization (4 Credits)

Globalization may be conceptualized as the constellation of transformations and crises with local and global consequences. Global crises are social, economic and political. Driven by networks of power, capital and technology, global processes are changing the structure and meaning of the nation-state, institutions, communities, family, culture and the self worldwide.

Requisites: SOC 100, SOC 215 with a grade of C or better - Must be completed prior to taking this course.

SOC-305 Latinos in the United States (4 Credits)

(Also LLC 305) Latinos, or Hispanic Americans, constitute the largest minority in the United States today. Yet, in a society that continues to focus on the Black-White racial divide, Latinos are often ignored. This course explores the experiences of Latinos from a sociological

perspective. Topics include immigration trends, the meaning of race in the construction of Hispanic ethnicity, the socioeconomic characteristics of the major Latino groups and issues of citizenship, politics, gender, and religion.

Requisites: SOC 100, SOC 215 with a grade of C or better - Must be completed prior to taking this course.

SOC-308 Theory and Practice in Human Services (4 Credits)

(Also PSC/PSY 308) This course considers several different cross disciplinary theoretical frameworks that are relevant to understanding social problems (e.g., HIV/AIDS, poverty and homelessness, teenage motherhood, hunger, domestic violence, alcohol and drug abuse, aging, child welfare issues, etc.). The course investigates the ways in which these social problems and people's needs are addressed by our social welfare and human service institutions, both public and private. Ethical issues surrounding the provision of care and services in the human services are emphasized. Principles of group dynamics, needs assessment, participant observation and evaluative research methods are also studied.

Requisites: Junior status.

SOC-309 Global Crime (4 Credits)

"Global Crime" examines the growth of transnational crime and criminal behavior carried out by cartels, mafias, corporations, institutions and governments. We will analyze the integration of the global criminal economy into the formal economies of nations throughout the world.

Emphasizing critical thinking skills and introducing students to a diversity of perspectives and frameworks, this course is intended to expand our definitions and categories of criminal activities. In addition to international crimes such as money laundering, the trafficking of drugs and weapons, and terrorism, we will include crimes against humanity - genocide, "ethnic cleansing," war, slavery, human trafficking (for labor, prostitution, organs and adoptions) -and against the environment -ecocide, oil spills, the dumping of toxic wastes, nuclear disasters and the trafficking of endangered species -which threaten the very existence of the planet.

Readings, discussions, films and research projects will help us to make sense of the world in which we live and come to understand that global social justice is possible through both individual and collective action.

Requisites: SOC 100, SOC 215 with a grade of C or better - Must be completed prior to taking this course.

SOC-314 Sociology of Madness and Marginality (4 Credits)

(Also WMS 314) Using historical documents, social statistics, works of literature, anthropology, and social and psychoanalytic theory, this course examines the process of marginalization, compares conceptions of sanity and insanity among different cultures and subcultures, and analyzes the consequences of institutionalization, stigmatization, and marginalization.

Requisites: SOC 100, SOC 215 with a grade of C or better - Must be completed prior to taking this course.

SOC-320B Classical Sociological Theory (3 to 4 Credits)

This course provides a basic survey of classical sociological theory. It explores the methodological and substantive concerns in the writings of classical theorists, including Emile Durkheim, Karl Marx, and Max Weber. It examines those theorists' views on science, social structure and social change.

Requisites: SOC 215 or PSY 245A and two Sociology courses at the 200 level or higher - Must be completed prior to taking this course.

Honors Option: SOC-320H Classical Sociological Theory - Honors (4 Credits)

SOC-325A Methods of Social Research (3 to 4 Credits)

This course provides an introduction to research methods used by sociologists. It reviews the guidelines, principles, and techniques for collecting social science data, including measurement, sampling, survey instrumentation, and field research.

Requisites: SOC 215 or PSY 245 with a grade of C or better - Must be completed prior to taking this course.

SOC-333 Selected Topics In Sociology (4 Credits)

This course descriptions will be announced when the course is offered. As topics change, this course may be repeated for credit.

Requisites: SOC 100, SOC 215 with a grade of C or better - Must be completed prior to taking this course.

Honors Option: SOC-333H Selected Topics In Sociology- Honors (4 Credits)

SOC-336 Sociology of Sex, Gender, And Sexuality (4 Credits)

(Also WMS 336) This course will analyze the social, cultural and political construction of sex, sexuality and gender by examining "western" and "nonwestern" conceptions of masculinity, femininity, male and female, heterosexuality, homosexuality, bisexuality, transvestitism, transsexuality and transgenderism.

Requisites: SOC 100, SOC 215 with a grade of C or better - Must be completed prior to taking this course.

SOC-341 Social Problems And Public Solutions (3 to 4 Credits)

This is an interdisciplinary course that provides students with a social science framework relevant to the study of social problems, the programs designed to remedy them, and the actions of individuals and groups to address gaps between problems and policy.

Requisites: PSY 245A or SOC 215 - Must be completed prior to taking this course.

SOC-353 Criminal Law (4 Credits)

(Also CSJ 353) This course concerns statutory and case law pertaining to crime. Both substantive and procedural law will be considered.

Requisites: Junior standing or consent of Instructor; SOC 215 with a grade of C or better - Must be completed prior to taking this course.

SOC-369 Sociology of African-American Families (4 Credits)

(Also AFS 369) This course seeks to examine Black families in the United States by exploring the social and cultural factors that have shaped them. It begins with an overview of the historical and anthropological roots of Black families, and then focuses on an in-depth analysis of their contemporary formations.

Requisites: SOC 100, SOC 215 with a grade of C or better - Must be completed prior to taking this course.

SOC-412 Contemporary Social Problems (4 Credits)

This course focuses on the problems we face in society today, how we recognize and attempt to solve them, and the political, economic, and cultural institutions that construct and shape social problems.

Requisites: SOC 325 and two 200-level Sociology courses - Must be completed prior to taking this course.

SOC-413 Social Change (4 Credits)

This course examines changes in technology, culture, economy, political structure, and social consciousness which contributed to and were consequences of colonization, industrialization, and revolution. Historical and comparative analysis of theories of social change are studied.

Requisites: SOC 325 and two 200-level Sociology courses - Must be completed prior to taking this course.

SOC-414 Social Movements (4 Credits)

(Also WMS 414) This course examines the nature of social protest and resistance to oppression and social injustice, the ways in which individuals have organized to challenge the limitations and boundaries imposed upon them in order to create the conditions necessary for a dignified life, and the consequences of social protest. Topics may include: revolutionary, human rights, civil rights, black power, labor, and women's movements around the world.

Requisites: SOC 325 and two 200-level Sociology courses - Must be completed prior to taking this course.

SOC-415 Criminal Justice and Gender (4 Credits)

(Also WMS 415) This course involves a comprehensive examination of the particular situation of women when confronting the criminal justice system. Topics include: the history of women's imprisonment, responses to female crime, theories of female criminality, crime statistics pertaining to women, and the criminal justice system's response to women when they encounter it as victims.

Requisites: SOC 325 and two 200-level Sociology courses - Must be completed prior to taking this course.

SOC-416 Criminal Justice and Race (4 Credits)

This course examines the racial representation of victims and offenders in the criminal justice system. Various perspectives and theories about the race-crime correlation are examined. Topics include: theories about race and crime, racial profiling, race riots, multicultural law enforcement, race and sentencing, and bias related crimes.

Requisites: SOC 325 and two 200-level Sociology courses - Must be completed prior to taking this course.

SOC-417 Feminism: Theory and Practice (4 Credits)

(Also WMS 417) A requirement for the WMS minor, this course focuses on contemporary feminist theories regarding culture, identity, class "race"/ ethnicity, gender and sexuality. Relationships between social theory and praxis, and research methodology and the creation of knowledge are explored.

Requisites: SOC 325 and two 200-level Sociology courses - Must be completed prior to taking this course.

SOC-418 Drugs, Crime, and Social Policy (4 Credits)

No description available

Requisites: SOC 320 and SOC 325 - Must be completed prior to taking this course.

SOC-433A Selected Topics in Sociology (4 Credits)

Advanced selected topics in Sociology. Depending upon the instructor, course topics may be suited for either General Sociology or Criminal Justice Concentration students. As topics change, this course may be repeated for credit.

Requisites: SOC 325 - Must be completed prior to taking this course.

Honors Option: SOC-433H Selected Topics in Sociology (4 Credits)

SOC-433WI Selected Topics in Sociology (4 Credits)

Writing Intensive. Advanced selected topics in Sociology. Depending upon the instructor, course topics may be suited for either General Sociology or Criminal Justice Concentration students. As topics change, this course may be repeated for credit.

Requisites: SOC 325 - Must be completed prior to taking this course.

SOC-433WI Selected Topics in Sociology (4 Credits)

Writing Intensive. Advanced selected topics in Sociology. Depending upon the instructor, course topics may be suited for either General Sociology or Criminal Justice Concentration students. As topics change, this course may be repeated for credit.

Requisites: SOC 325 - Must be completed prior to taking this course.

SOC-436 PUNISHMENT & SOCIETY (3 to 4 Credits)

This course provides a selective introduction to sociological perspectives and empirical research on punishment and incarceration. The first part of the course explores classical and contemporary approaches to the nature, causes, and consequences of punishment. We examine the Durkheimian, the Marxist, and the Weberian perspectives on punishment to gain an understanding of punishment as it relates to power and social control. We also examine the transformation of punishment from premodern to modern era, and the development of the prison, by exploring the work of Michel Foucault. The second part focuses on punishment in the United States. We explore the relationship between privilege and punishment by examining how race and class have been key factors in determining the nature and extent of punishment within the US criminal justice system. We look at how the apparatuses of punishment, the courts and the prisons, have reinforced and reproduced racial and class privilege. The third part focuses on alternatives to punishment and incarceration. We examine alternatives such as community corrections and treatment, and various proposals to end mass incarceration, including shortening prison sentences and decarceration, and their feasibility.

Requisites: SOC 325A and (2) 200-level SOC/CSJ courses - Must be completed prior to taking this course.

SOC-450A Senior Research Seminar (3 to 4 Credits)

A graduation requirement (as an alternative to SOC 490/491), SOC 450 is an in-depth examination of a central issue in contemporary sociology. Examples of issues, which vary from semester to semester, are the media and social change; culture and identity; masculinities; social class and African-American status; Latino/Hispanic ethnicity; and sociology of information technologies. Students conduct their own research in consultation with the faculty. Cannot be substituted with portfolio assessment.

Requisites: Senior Sociology majors only. One 400-level Sociology course - Must be completed prior to taking this course.

SOC-490A Fall Internship in Sociology (3 to 4 Credits)

Writing Intensive. See College Catalog under "Internships in Sociology" for course description, prerequisites and application procedure.

Requisites: -

SOC-490WI Fall Internship in Sociology (3 to 4 Credits)

Writing Intensive. Students majoring in Sociology are required to take either SOC 450 Senior Research Seminar, or an internship. Students may take both internship classes for credit. The internships in Sociology involve weekly class meetings and a minimum of 96 hours of internship experience over the course of the semester in an approved appropriate agency, institute, or organization. The courses integrate students' "hands-on" experiences as interns, with theory and case study analysis of social issues, problems and institutions. Each class is limited to 12 students. Cannot be substituted with portfolio assessment.

Requisites: Application, and consent of the Instructor AND SOC 215 minimum grade C or better; SOC 320, SOC 325 - Must be completed prior to taking this course.

SOC-491A Spring Internship in Sociology (4 Credits)

Writing Intensive. See College Catalog under "Internships in Sociology" for course description, prerequisites and application procedure. Cannot be substituted with portfolio assessment.

Requisites: SOC 320 and SOC 325 - Must be completed prior to taking this course.

Honors Option: SOC-491H Spring Internship in Sociology - Honors (4 Credits)

SOC-491WI Spring Internship in Sociology (4 Credits)

Writing Intensive. See College Catalog under "Internships in Sociology" for course description, prerequisites and application procedure. Cannot be substituted with portfolio assessment.

Requisites: SOC 215, SOC 320B and SOC 325A - Must be completed prior to taking this course.

SPA-110A Spanish Language & Culture I (3 to 4 Credits)

An introductory course in Spanish Language and Culture. Basic Language skills for the student who has no previous knowledge of the language. The course will cover different language functions, basic vocabulary, simple grammatical structures, oral recitation, and written composition. In addition to language studies, the course will compare and contrast American, Latin American, Latino, and Spanish cultures.

Requisites: None

Honors Option: SPA-110H Spanish Language & Culture I - Honors (4 Credits)

SPA-120A Spanish Language & Culture II (3 to 4 Credits)

Further development of language skills to broaden awareness and increase appreciation of the culture.

Requisites: Take SPA 110A or LAC 110 or two years of high school Spanish or consent of the Instructor. - Must be completed prior to taking this course.

SPA-205 Advanced Conversation, Composition, and Phonetics I (4 Credits)

Fundamentals of Spanish usage, oral and written. An introduction to Spanish diction and phonetics. The student acquires fluency in the reading of selections from the literary works as well as from training in correct pronunciation.

Requisites: Requisite with no print text exists - Must be completed prior to taking this course.

WMS-222 African-American Literature (4 Credits)

Selected poetry, drama, fiction, autobiography, and essays by African/American authors, with emphasis on literary excellence. Authors range from Phillis Wheatley to Frederick Douglass, Imamu Amiri Baraka, Alice Walker, and Ishmael Reed. Lecture, discussion.

Requisites: Requisite with no print text exists - Must be completed prior to taking this course.

WMS-223A Women's Literature (4 Credits)

This course focuses on literature in English written by women. We study themes and techniques common to the literature by women. From the late Middle Ages until the present, we examine texts that challenge beliefs of female inferiority, promote a woman's perspective on gender and allow for discussion of self esteem, motherhood, privacy, and women's power.

Requisites: Take WRT 107; Minimum grade C-; - Must be completed prior to taking this course.
Writing Intensive Option: WMS-223WI Women's Literature - Writing Intensive (3 to 4 Credits)

WMS-226 Literature of Race, Class and Gender (4 Credits)

Varied works of literature that illustrate how different races, ethnic groups, genders, and classes view themselves and each will be studied. Included are works of Philip Roth, Mary Gordon, Ishmael Reed and Alice Walker.

Requisites: Take WRT 107/108/109 minimum grade C- or better - Must be completed prior to taking this course.

Writing Intensive Option: WMS-226WI Literature of Race, Class and Gender - Writing Intensive (3 to 4 Credits)

WMS-233 Selected Topics in Women's Studies (4 Credits)

Selected topics with women's studies focus. Prerequisite: As defined by the department offering the course.

Requisites: Take WRT 108/109 minimum grade C-. - Must be completed prior to taking this course.

WMS-241 Minority Groups & Race Relations (4 Credits)

This course examines race, ethnicity, racism, prejudice, discrimination, majority-minority relations, and other intergroup relations from a sociological perspective, paying close attention to the experiences of the major racial/ethnic groups in the United States - American Indians, European Americans, African/Americans, Latinos, and Asian Americans.

Requisites: Take SOC 100 Take SOC 215, minimum grade C; - Must be completed prior to taking this course.

WMS-258 Gothic Literature (4 Credits)

Spooky crumbling castles and things that go bump in the night are not all there is to gothic literature. This course examines the ways in which this literary genre delves into the human psyche to explore all the dark impulses that arise from the human soul. The course also looks at ways in which gender and sexuality figure into both the writing of this literature and the attitudes that it expresses. Students learn to examine fiction through a literary critical lens.

Requisites: Take WRT 107; Minimum grade C-; - Must be completed prior to taking this course.
Writing Intensive Option: WMS-258WI Gothic Literature - Writing Intensive (3 to 4 Credits)

WMS-280 Gender, Sexuality & Religion (4 Credits)

This course investigates the intersections of religion, gender, and sexuality. It looks into the role that societal norms and cultural values play in how social and religious institutions view sex, sexuality, and gender in relation to religious convictions and practices. It emphasizes that both religion and sexuality are shaped by social privileges, historical particularities and experiences.

Requisites: WRT 105, WRT 106, WRT107, WRT 108 or WRT 109; Minimum grade C-; - Must be completed prior to taking this course.

WRT - 102 Enhanced Argumentative and Analytic Writing (8 Credits)

This course is designed for students in need of extended instruction in college-level writing. It teaches writing as a process by requiring a number of written drafts per essay. The focus is on developing students' college-level competence in analytic and argumentative, thesis-based writing. This class meets four times a week; twice in a traditional college setting, and twice in a computer lab/studio setting. Much of your written work will be done in the studio.

Requisites: None

WRT - 105A Argumentative and Analytic Writing (6 Credits)

This course is designed for students in need of enhanced instruction in college-level writing. It teaches writing as a process by requiring a number of written drafts per essay. The focus is on developing students' college-level competence in argumentative, thesis-based writing. Many classes are held in the computer lab to enable intensive writing instruction, and some out-of-class tutoring may be assigned. Students must receive a grade of C- or better to advance to WRT 109.

Requisites: None

WRT - 106A Accelerated Argumentative and Analytic Writing (3 to 4 Credits)

This course teaches writing as a process by requiring a number of written drafts per essay and short in-class written assignments, all of which are based on critical reading source materials. The focus is developing students' college-level competence in analytic and argumentative, thesis-based writing. Some classes are held in the writing/computer labs, and some out-of-class tutoring may be assigned. Students must receive a grade of C- or better to advance to WRT 109.

Requisites: None

WRT - 108 Enhanced Synth/Research Writing (6 Credits)

This course continues to develop students' competency in thesis-based writing with an emphasis on information literacy and the writing process. It is designed for students in need of enhanced instruction in college-level research. The course teaches students to synthesize source material into a variety of genres. Some classes are held in the writing/computer labs, and some out-of-class tutoring may be assigned. (Successful completion of this course requires a grade of C- or better; Nursing and Education students must receive a C or better).

Requisites: TAKE WRT102 MINIMUM GRADE C-; Must be completed prior to taking this course.

WRT 205 Introduction to Professional and Technical Writing

In this class, you will learn and practice genres for professional and technical writing. You will extend your knowledge of planning, revising, and editing text and adjusting rhetorical strategies for different audiences from first-year writing. We will emphasize collaborative writing, technical skills for designing documents, editing for clarity and consistency, and exhibiting a professional ethos in writing, information design, and online communications.

Requisites: Take WRT 108 or WRT 109 - Must be completed prior to taking this course.
Honors: WRT - 205H Prof and Tech Writing

WRT 229 Language and Society: Western Rhetoric in Contemporary Use (4 Credits)

This course surveys the highlights of the Western rhetorical tradition and what they can teach us about how we communicate in contemporary society. Generally speaking, rhetoricians study verbal and nonverbal language and communication. Certainly, language affects everything we do: how we think, learn, identify ourselves, and interact with others. According to American rhetorician Kenneth Burke (1897-1993), language "reflects, deflects, and selects" reality. In this course, we will look carefully at how this occurs and how the Western rhetorical tradition has influenced our current knowledge of what language does. Rhetoric is perhaps one of the oldest disciplines. What we know of its history has been shaped by Western rhetoricians over the ages—from the ancient Greeks, (Isocrates, Plato and Aristotle), to the Romans, (Quintilian and Cicero), through Medieval Times, (St Augustine) to the Renaissance (Petrus Ramus and Erasmus) and Enlightenment (Sir Francis Bacon and John Locke), and beyond to the 20th and 21st Centuries. This tradition constitutes a Western historical narrative that has shaped what we think rhetoric is and what it does, and is by no means Gospel. Other rhetorics are interrupting this dominant narrative about what the rhetorical tradition is. The field of rhetoric is much too broad to survey, even superficially, in one semester. Consequently, the lens (or to borrow a term from Burke, the terministic screen) we will use to examine the field will focus on the theories of those rhetoricians who have been most influential in a Western tradition.

Requisites: TAKE WRT*107 OR WRT*108 or WRT*109; - Must be completed prior to taking this course.

WRT 229WI Language and Society: Western Rhetoric in Contemporary Use (3 to 4 Credits)

This course surveys the highlights of the Western rhetorical tradition and what they can teach us about how we communicate in contemporary society. Generally speaking, rhetoricians study verbal and nonverbal language and communication. Certainly, language affects everything we do: how we think, learn, identify ourselves, and interact with others. According to American rhetorician Kenneth Burke (1897-1993), language "reflects, deflects, and selects" reality. In this course, we will look carefully at how this occurs and how the Western rhetorical tradition has influenced our current knowledge of what language does. Rhetoric is perhaps one of the oldest disciplines. What we know of its history has been shaped by Western rhetoricians over the ages—from the ancient Greeks, (Isocrates, Plato and Aristotle), to the Romans, (Quintilian and Cicero), through Medieval Times, (St Augustine) to the Renaissance (Petrus Ramus and Erasmus) and Enlightenment (Sir Francis Bacon and John Locke), and beyond to the 20th and 21st Centuries. This tradition constitutes a Western historical narrative that has shaped what we think rhetoric is and what it does, and is by no means Gospel. Other rhetorics are interrupting this dominant narrative about what the rhetorical tradition is. The field of rhetoric is much too broad to survey, even superficially, in one semester. Consequently, the lens (or to borrow a term from Burke, the terministic screen) we will use to examine the field will focus on the theories of those rhetoricians who have been most influential in a Western tradition.

Requisites: TAKE WRT*107 OR WRT*108 or WRT*109; - Must be completed prior to taking this course.

WRT 233 Selected Topics in Writing(4 Credits)

Oral history is among the oldest ways humans have asked the question: "What [does] the past mean[] to the present"? (Portelli). This multidisciplinary Writing Intensive course will utilize Design Justice Principles to plan, conduct, and disseminate oral history interviews for the Stories of Newark oral history project. Students will recognize the ethics of design justice, practice effective interview techniques, transcribe interviews with attention to language diversity, and collaborate as a class to expand the digital archive, storiesofnewark.com. Students will also plan an end-of-semester presentation to engage the campus community and public in learning from the stories and storytellers. Writing 233 offers different approaches to studying rhetoric and writing in different media. Topics and texts vary by semester. As topics change, this course may be repeated for credit. This course offers different approaches to studying rhetoric and integrating it into various types of writing in different media. Topics and texts vary from semester to semester. As topics change, this course may be repeated for credit.

Requisites: TAKE WRT*108 OR WRT*109 - Must be completed prior to taking this course.

WRT 233WI Selected Topics in Writing (3 to 4 Credits)

This course offers different approaches to studying rhetoric and integrating it into various types of writing in different media. Topics and texts vary from semester to semester. As topics change, this course may be repeated for credit.

Requisites: TAKE WRT*108 OR WRT*109 - Must be completed prior to taking this course.

WRT 256 Digital Media Writing (4 Credits)

(Also CAT 256) Communication Skills Writing in 21st century workplaces does not only involve typing emails and documents. In This class you will learn to compose in a variety of digital platforms by drawing upon both technical and rhetorical skills that you will develop over the course of the semester. You will deploy design processes with purpose, audience input, and revision in mind, building on your previous writing courses while composing for real audiences.

Requisites: None

WRT 256WI Digital Media Writing (4 Credits)

(Also CAT 256) Communication Skills Writing in 21st century workplaces does not only involve typing emails and documents. In This class you will learn to compose in a variety of digital platforms by drawing upon both technical and rhetorical skills that you will develop over the course of the semester. You will deploy design processes with purpose, audience input, and revision in mind, building on your previous writing courses while composing for real audiences.

Requisites: None