

COURSE DESCRIPTIONS

ACCOUNTING

ACCT 203

Financial Accounting

Three Credits

Development of basic accounting concepts. Emphasis is on the classifying, recording, and reporting of business transactions for all forms of business organizations. Offered every semester.

ACCT 204

Managerial Accounting

Three Credits

Emphasis is on generating, analyzing, and using accounting information in the planning and control processes. Topics include budgets, standards, cost systems, incremental analysis, and financial statement analysis. Offered every semester.

Prerequisite: ACCT 203

ACCT 301

Intermediate Accounting I

Three Credits

This is the first course in a two-course sequence that is intended to provide a comprehensive understanding of the concepts, principles, assumptions, and conventions that are used for classifying, recording, and reporting economic transactions for a business entity. Offered every fall.

Prerequisite: ACCT 204 or permission of instructor

ACCT 302

Intermediate Accounting II

Three Credits

This is the second course in a two-course sequence that is intended to provide a comprehensive understanding of the concepts, principles, assumptions, and conventions that are used for classifying, recording, and reporting economic transactions for a business entity. Offered every spring.

Prerequisite: ACCT 301 or permission of instructor

ACCT 303

Accounting Theory and Practice

Three Credits

This course is intended to provide an understanding of items that present measurement and reporting problems for the accountant. It will also discuss current issues that the accounting profession is attempting to establish and guidelines for their measurement and reporting.

Prerequisite: ACCT 302

ACCT 310

Cost Accounting

Three Credits

An intensive study of the structure of various cost accounting systems. Techniques of income determination for manufacturing enterprises are explored. Attention is given to how standards can be applied in accounting to provide useful information for planning and controlling the cost of direct labor, materials, and manufacturing overhead costs. Offered every fall.

Prerequisite: ACCT 204

ACCT 311

Information for Decision Making and Control

Three Credits

Examines the measurement and management of product costs, emphasizing the principles of cost systems design. Use of information generated by product costing systems for performance measurement and for strategic decisions on pricing, product mix, process technology, and product design are explored. Also covers in-depth evaluations of capital expansions, make-versus-buy, and operate-versus-close decisions.

Prerequisite: ACCT 310 or permission of instructor

ACCT 330

Financial Statement Analysis

Three Credits

This course enables the student to use the information provided in financial statements to make reasoned decisions in a variety of important business contexts. The accounting standards relevant to the intelligent interpretation of the statements by product, labor, and capital market participants are studied along with traditional analytical techniques such as ratio analysis, trend analysis, and vertical and horizontal analysis. Offered every semester.

Prerequisites: ACCT 204, BUS 320

ACCT 350

Accounting Systems

Three Credits

A comprehensive presentation of the fundamentals of data origination, classification, control, and reporting. Various accounting systems will be analyzed with an emphasis on database management and systems analysis, creation, and control.

Prerequisite: ACCT 204

ACCT 401

Advanced Accounting

Three Credits

A study in detail of partnerships, business combinations and consolidations. Specialized topics of consolidated financial statements including asset and inventory transfers and foreign currency are covered. Offered every fall.

Prerequisite: ACCT 302

ACCT 402

Auditing

Three Credits

Standards and procedures currently used by independent public accountants in examining financial statements and their application in report preparation. The ethical and legal responsibilities of the accountant are reviewed. Offered every fall.

Prerequisite: ACCT 302

ACCT 403

Tax I

Three Credits

This course is designed to provide students with a basic understanding of the fundamentals of federal income tax law. The course emphasizes individual taxation but also provides an introduction to corporate and partnership taxation. The course is intended for students who need some technical knowledge of tax law, as well as for those students who wish to pursue further tax law education. Offered every fall.

Prerequisite: ACCT 301 or permission of instructor

ACCT 404

Tax II

Three Credits

Advanced topics in individual as well as corporation and partnership tax are covered. Emphasis is on tax planning aspects of operation, distribution, and liquidation of corporations and partnerships. The United States tax administration system and techniques of tax research are explored as they relate to the three phases of a CPA's tax practice: tax return preparation, tax advice and planning, and tax advocacy. Offered every spring.

Prerequisite: ACCT 403

ACCT 405

Advanced Auditing

Three Credits

This course examines the control and security of accounting information systems from an auditing perspective. Objectives include understanding the basics of how computing systems operate and the risk associated with those systems, types of physical and logical security controls, an auditor's objective of performing an

audit of a computerized information system, and other areas of technological importance. Offered every spring.

Prerequisite: ACCT 402

ACCT 451

Government and Not-For-Profit Accounting

Three Credits

Examines accounting and reporting concepts and issues for non-business organizations. Accounting issues that are unique to these entities are emphasized (such as non-exchange transactions and lack of ownership interest). Accounting and reporting for state and local governments (determined by the GASB), charitable organizations (determined by the FASB) and the Federal government (determined by the FASAB) are included. Offered every spring.

Prerequisites: Junior status, ACCT 301

ACCT 477

Current Issues in Accounting

Three Credits

An integrative course required of all senior accounting majors that will examine various issues selected by the instructor(s). These issues will be addressed by the interpretation and application of generally accepted accounting principles. Specific emphasis will be placed on the ethical considerations of these issues and principles. Offered every spring.

Prerequisites: Senior status; ACCT 302, 403

ANTHROPOLOGY

ANTH 101

Introduction to Physical Anthropology

Three Credits LA

Physical anthropology. An investigation of human ancestors and continual human physical evolution to modern times. Emphasis is placed on human's early chronology during the Paleolithic, Neolithic, and Near Eastern periods.

(Fulfills Core/LS Natural Science requirement.)

ANTH 102

Introduction to Cultural Anthropology

Three Credits LA

Ethnology. An introduction to the nature, uniformity, and diversity of cultures through an exploration of people in different times and regions. Topics include: the family, economics, political systems, religion, social stratification, and art and crafts.

(Fulfills Core/LS Social Science requirement. Does not fulfill Core/LS Natural Science requirement.)

ANTH 120

An Introduction to Archaeology

Three Credits LA

A study of how archaeological work is performed (dating techniques; mapping; cross-identification; etc.). Application of these techniques will be viewed in the study of major archaeological sites of historical significance.

(Fulfills Core/LS Social Science requirement. Does not fulfill Core/LS Natural Science requirement.)

ANTH 230

American Culture I

Three Credits LA

The study of geographic, ethnographic, historic, and other factors pertinent to the development of Latin- and Anglo-American cultures. Consideration will be given to minority and diverse groups; to factors promoting urban and rural communities; and to a study of the historical and geographical development of selected cities. Statistics will be provided frequently in order to substantiate lectures and to encourage discussion. Offered when there is sufficient student interest.

(Fulfills Core/LS Social Science requirement.)

ANTH 231

American Culture II

Three Credits LA

An intense analysis of the population of the United States as to national origin, race, economic and social stratification, religious and political preferences, and

ethnic contributions to the American scene. Consideration will also be given to a study of factors producing the megalopolis, the city, and smaller communities.

Offered when there is sufficient student interest.

(Fulfills Core/LS Social Science requirement.)

ANTH 232

Religion and Culture

Three Credits LA

Dual listed as REST 232

A dimension of cultural anthropology, with focus on religion as a cultural universal. The study of cultural differences and determinants suggests new understandings of religious differences and functions in the human family. Offered when there is sufficient student interest.

(Fulfills Core/LS Social Science requirement OR Core/LS Philosophy/Religious Studies requirement.)

ANTH 233

Native Americans

Three Credits LA

A study of pre-Columbian Native American civilizations. Post-Columbian Native American groups will be studied cross-culturally, with emphasis on the family: social, political, and economic structure of the group; religions; and the arts. Consideration will also be given to the contributions by Native Americans to American modern society.

(Fulfills Core/LS Social Science requirement.)

ARABIC

ARAB 101-102

Elementary Arabic I & II

Three Credits each LA

An introduction to Modern Standard Arabic, the form used in public discourse throughout the Arab world. Writing in the Arabic script, intensive pronunciation practice, conversational vocabulary, reading unaccented texts. Homework includes mandatory audio and video practice. Through the language study, the student is introduced to the Arabic culture. Closed to heritage speakers and students from countries where Arabic is the official language. Offered annually.

ARAB 105-106

Intermediate Arabic I & II

Three Credits each LA

A continuation of the Elementary course. The elements of basic Arabic are consolidated with further practice in listening comprehension, speaking, reading, and writing. Homework includes mandatory audio and video practice through the Language Center. All language study will be grounded in the context of the Arab culture and with an awareness of the various local dialects in the Arab world. Closed to heritage speakers and students from countries where Arabic is the official language. Offered annually if there is sufficient student interest.

ARAB 150

Arabic Cultures and Perspectives

Three Credits each LA

Dual listed as CSAR 150

The course is designed as a comprehensive introduction to the Arab World. It presents the diversity of backgrounds, dialects, religions, aspirations, and everyday challenges in the Middle East and Northern Africa, and clarifies the distinctions that must be made with the perspectives of neighboring non-Arab Islamic countries such as Iran or Turkey, and with the larger Islamic world. The course will also examine the cultural richness of Arab communities in America, Europe, and other expatriate settings, especially in relation to the increased scrutiny to which they have been subjected since the tragedy of 9/11. Taught in English.

ARAB 292-293

Special Topics I-II

Three Credits each LA

"Special topics" courses serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific title is indicated when the course is listed in the schedule of classes. Additional information is available by contacting the Department of Modern Languages and Cultures.

ART

NOTE: For courses that satisfy the Fine Arts Core/LS requirement, choose Arts and Values or courses whose descriptions state "Fulfills the Core/LS requirement in Fine Arts" under Art History courses.

ART 125

Arts and Values

Three Credits LA

This course familiarizes the student with a wide variety of visual experiences. It covers both two-dimensional and three-dimensional forms such as sculpture, painting, and mixed media. Relationships and contrasts will be connected to other creative expression such as music, theatre, film, and architecture. Offered every semester.

(This is a course for non-majors and satisfies the Core/Liberal Studies requirement for freshmen.)

STUDIO ART AND DIGITAL MEDIA COURSES

NOTE: All studio courses meet for a lab and lecture combination. A total of four contact hours is required for all studio courses. Each student is also required to put in two hours per week in an open studio.

ART 101

Fundamentals of Art and Design

Three Credits

A foundation course which investigates the elements and principles of design that underlie all the visual arts. Students will be introduced to the basic skills and techniques necessary for the creation of well-crafted designs. There will be regular group critiques of assignments to develop a working vocabulary for describing and analyzing visual art. Experimentation and innovative solutions are encouraged. This course assumes no previous experience. Offered every semester.

ART 105

Basic Sculpture

Three Credits

An introduction to the techniques and concepts of creating sculpture. The formal skills of constructing, modeling, and carving will be used to create both figurative and abstract forms. The qualities, properties, and structural possibilities of various traditional materials will be explored, as well as those that are more contemporary and unconventional. During regular class critiques, students will develop a usable vocabulary for describing and evaluating their own work and other three-dimensional works of art. Offered annually.

Prerequisite: ART 201 or permission of instructor

ART 110

Basic Drawing

Three Credits

This course is designed to introduce the student to the materials and techniques of drawing, focusing on the representation and interpretation of objects and natural forms. This course assumes no previous experience. Offered every semester. (Fulfills the Core/LS requirement for Fine Arts.)

ART 111

Basic Painting

Three Credits

An introduction to the materials and techniques of painting. Students will investigate a variety of approaches, from traditional to modern, using still-life and less-conventional subject matter. While the course assumes no previous experience in painting, it is recommended that students will have completed ART 101 or 110. Offered every semester.

ART 145

Basic Photography

Three Credits

An introduction to the study of photography as a means of creative expression. Students will explore basic concepts, processes, and techniques including camera usage, exposure controls, film development, darkroom procedures, and print presentation. Developing and printing black and white photographs will be an integral part of the course. Creative exploration through specific assignments will form the basis for development of aesthetic criteria. No previous photographic

experience is assumed. Students must supply their own cameras with adjustable apertures and shutter speeds. Offered every semester. (Fulfills the Core/LS requirement for Fine Arts.)

ART 201

Three Dimensional Design

Three Credits

A foundation course which investigates the elements and principles of designing with sculptural forms. Through a series of hands-on projects and regular group critiques, students will develop the skills necessary for creating in three dimensions. Offered every semester.

NOTE: This course explores traditional, not digital, techniques.

Prerequisite: ART 101

ART 202

Intermediate Painting

Three Credits

The fundamental skills acquired in Basic Painting will be reviewed and built upon. Assignments will continue the exploration of different approaches and different sources of inspiration for painting, including working from the figure. Students will gain an awareness of the growth and range of painting in the 20th century. Offered every semester.

Prerequisite: ART 111

ART 203

Drawing II: Media and Techniques

Three Credits

This course builds upon the experience gained in Basic Drawing. Exploration of the expressive range of drawing in a variety of media and techniques. Offered every spring.

Prerequisite: ART 110

ART 205

Intermediate Sculpture

Three Credits

A further exploration of spatial concepts as they relate to sculptural form. More sophisticated issues concerning the expressive characteristics and structural possibilities of materials will be investigated. Projects will be directed toward the pursuit of personal interpretation. Appropriate techniques and materials will be examined on an individual basis.

Prerequisite: ART 105

ART 207

Basic Printmaking

Three Credits

This course introduces the student to basic principles, materials, and techniques used in printmaking. Individual instruction will be directed toward each student's development of a strong personal statement. Through lectures, demonstrations, and hands-on experiences, students will become familiar with both traditional and contemporary approaches. Offered every year.

Prerequisites: ART 101, ART 110 or permission of instructor

ART 211

Digital Layout and Design

Three Credits LA

This course introduces advanced desktop-publishing techniques using page layout software such as QuarkXPress and InDesign. Students will produce a variety of projects that incorporate the use of master pages, style sheets, spot and process color separations, custom layout formats, design libraries, and the conversion of EPS files into Portable Document Format files. This course stresses production techniques that are required knowledge for contemporary designers. Offered every semester.

Prerequisites: ART 231, or permission of instructor

ART 212

Figure Drawing

Three Credits

This course is designed to introduce students to the study of the human figure, applying the skills and techniques acquired in Basic Drawing. Although this course covers fundamental human skeletal and muscular structure, its focus is on

learning to represent the expressive nature of the human figure through various drawing techniques and the development of individual style. Offered every year.
Prerequisite: ART 110

ART 215

Graphic Design I: Typography and Design

Three Credits

This course provides an overview of the Graphic Design field, emphasizing basic lettering and typography, production, and design skills. Assigned projects furnish an understanding of the designer's creative process—the progressive steps from research, thumbnails, and roughs through the finished mechanicals. A strong digital component builds a relationship between analog and computer-related skills. Students are encouraged to approach problem solving in an imaginative yet professional manner. Offered every semester.

Prerequisites: ART 101, ART 231

ART 231

Introduction to Digital Media

Three Credits LA

This course is designed to introduce students to the field of computer art. Students will learn how the digital media are transforming the fine arts, graphic design, advertising, and education. Students will explore such topics as desktop publishing, digital photography, animation, and multimedia applications, including the creation of CD-ROMs, through a combination of lectures, demonstrations, and hands-on experiences. Offered every semester.

ART 235

Digital Animation I

Three Credits LA

This course explores the new methods of painting and animating with a computer. Students will become familiar with the history of animation and traditional principles of animation, and learn how they are applied in digital techniques. The basics of integrating soundtracks with animation will also be introduced. Course methods include lectures, demonstrations, viewing animations, and hands-on experiences. Offered every semester.

Prerequisite: ART 231

ART 240

Intermediate Photography

Three Credits

A continuation of Basic Photography, this course further explores black and white films and printing techniques. In addition to conventional materials, specialized films including infrared, technical pan, and high-contrast litho are introduced. Production will be aimed at pursuing particular problems related to photographic visualization and the development of a personalized approach to the medium. Offered every semester.

Prerequisite: ART 145

ART 301

Advanced Painting I

Three Credits

Advanced study in painting, including concentrated investigation of master painters. In this course, students will be encouraged to paint in an innovative and personal way to establish and develop individual imagery. Offered every year.

Prerequisite: ART 202

ART 310

Drawing III: Advanced Projects

Three Credits

Advanced study in drawing, stressing a more personal expression. Includes substantial experimentation and consideration of contemporary aesthetic issues in art. Offered every spring.

Prerequisite: ART 203

ART 314

Advanced Photography

Three Credits

This upper-division studio course centers on advanced black and white printing and aesthetics. Students will work primarily on the further development of a personal response to the medium as class critiques are directed toward the

evolution of sophisticated criteria to aid in understanding images within the context of historical and contemporary photography. Offered every spring.

Prerequisite: ART 240

ART 315

Graphic Design II: Publication Design

Three Credits

This course will focus on communication design problems, with a special emphasis on advertising and publication design. Concept development will be stressed as students explore fundamental perceptual, symbolic, and expressive approaches to design. Students will further develop their digital skills as they learn today's computer-based equivalents to traditional analog skills. Production skills will be refined, along with a closer examination of the expressive nature of typography. Offered every spring.

Prerequisite: ART 215

ART 320

Digital Photography

Three Credits LA

Students will be introduced to the creation, enhancement, and manipulation of photographic imagery using a computer. Production and criticism will be aimed toward developing an understanding of how photography can be extended beyond the traditional silver print with an emphasis on image retouching and compositing. Students will learn how to cut and paste images, as well as the use of layers, channels, paths, and specialized filters to modify images. Printing technologies of digital imagery will also be explored. Offered every semester.

Prerequisite: ART 231

ART 321

Digital Painting

Three Credits LA

This experimental course is an introduction to the new field of digital painting with an exploration of industry-standard software. Students will be introduced to the traditional principles of the medium and learn how they are applied digitally. They will also gain an understanding of emerging techniques for creating paintings and learn how the digital paintings are used in other media. This class will utilize lectures, demonstrations, discussions, and hands-on experiences. Assignments will include projects that explore digital printing and a journal of techniques and creative issues. Offered every year.

Prerequisite: ART 231

ART 322

Multimedia Authoring

Three Credits LA

Multimedia is a new and challenging medium for artists and designers, and the multimedia artist needs to be aware of new terminology, tools, techniques, and the art concepts behind them. Students will learn how to create an interactive work that integrates digital images, design, typography, animation, and sound. Students will also learn the stages in the development process, survey current design and artistic approaches, and have a hands-on experience as a member of a team developing a multimedia design project for distribution on disk or via the Web. Offered every fall.

Prerequisites: ART 235, ART 320, or permission of instructor

ART 323

Designing for the Web

Three Credits LA

This course introduces students to the World Wide Web as a design and fine-arts medium. Through a combination of lectures, demonstrations, research, and hands-on experiences, students will learn the concepts and vocabulary of web design, its history, and how to apply their traditional design knowledge in a new, nontraditional medium. Students will also learn how to prepare effective graphic and multimedia elements for the Web and develop a greater understanding of the importance of the interrelation of these elements in the aesthetics of web designs. Students will also gain a sense of web design as a profession and artist's medium and the range of successful design and artistic approaches in use today. Offered every semester.

Prerequisites: ART 231, ART 215 (recommended)

ART 325

Visual Book

Three Credits LA

This course will teach students the basic vocabulary and techniques of bookmaking. Students will learn to assemble their photographs, drawings, prints, and/or writing into creative book structures. A semester project will be the completion of a journal using an 'altered book' format. Offered every year.

Prerequisites: ART 101, ART 110, ART 231 (recommended), or permission of instructor

ART 326

Digital Illustration

Three Credits LA

This course is designed as an introduction to digital illustration, with an emphasis on improving both technical and conceptual skills. Assigned projects provide the opportunity to solve editorial, advertising and design-related problems. While use of digital media software will be the focus of this class, it will also examine and review traditional drawing and painting methods and how their integration with digital art can be accomplished.

Pre-requisite: ART 231

ART 402

Advanced Painting II

Three Credits

Individualized study in painting with one or more instructors. Students will be given the opportunity to explore in-depth themes, techniques, subjects, or experimental media of their own choosing.

Prerequisite: Permission of department chair

ART 409

Advanced Drawing II

Three Credits

Advanced Drawing with media and content based upon individual needs. Students are encouraged to define their own aesthetic approach to the medium.

Prerequisite: Permission of department chair

ART 412

Advanced Sculpture I

Three Credits LA

ART 413

Advanced Sculpture II

Three Credits LA

ART 420

Multimedia Projects

Three Credits LA

This course builds on the knowledge and skills developed in Multimedia Authoring. Students will learn in more depth about effective interface design and how programming makes possible more complex and effective multimedia productions. Projects may include both stand-alone interactive design and interactive website design.

Prerequisites: ART 235, ART 320, ART 322 or permission of instructor

ART 425

Digital Photography II: Special Projects and Techniques

Three Credits LA

This course will build on the skills and conceptual growth established in Digital Photography I. Students will continue to explore creative areas while building on more specific technical skills required for professional production of printed work. Projects will extend students' perceptions of digital imaging in both creative and applied areas. It is expected that students will work on projects outside of class using the computers in the Digital Media lab. Students should expect to spend approximately four to six hours per week working on assignments. Offered every year.

Prerequisite: ART 320

ART 415

Graphic Design III: Advanced Typography

Three Credits

This class will investigate both a traditional and digital approach to typography in graphic communication. Students, guided by typographic history, will develop solutions to issues of communication giving special attention to design principles.

Prerequisite: ART 215N

ART 431

3D Modeling and Visualization

Three credits LA

Dual Listed as MDIA 431

This course focuses on the creation of 3-dimensional computer generated models used for 2D and 3D printing, games, and animation. Students will explore the processes of this art form, including modeling, texturing, shading, rigging, scene layout, and rendering, in order to create meaningful and unique visualizations. Techniques for character rigging and simulating physical space will be explored for preparation of future animation projects.

Prerequisite: ART 231L

ART 432

3D Animation

Three Credits LA

Dual Listed as MDIA 430

This class focuses on the field of 3-dimensional animation used for video, multimedia programs, games, and the entertainment industry. Students will learn the process of using the computer to generate objects and their placement relative to space, cameras, and light sources. Centering on the mechanics of movement and the conception and the creation of animated forms, this course will introduce students to the principles of complex 3D animation and physical simulation techniques. Offered every fall.

Prerequisite: ART 235 and ART 431

ART 435

Digital Animation II: Special Projects and Techniques

Three Credits LA

This experimental course is designed for upper-level students in digital media to expand their understanding and skills in digital animation. It is a project-oriented course with hands-on experiences as an individual and as a member of a team. We will continue the exploration of animation software begun in Digital Animation I, while creating long animations.

This class will utilize lectures, demonstrations, discussions, and hands-on experiences. Multimedia, visits to dynamic websites, and videotapes of classic animated films will also be included. Assignments will include creative projects that explore digital animation, character design, and the creation of interactive elements. Offered every year.

Prerequisite: ART 235

ART 445

Digital Animation III

Three Credits LA

This course is designed for advanced students in digital animation. It is a project-oriented course with hands-on experiences as an individual and team leader. Students will continue their exploration and increase the depth of their knowledge of animation, while creating both short and long animations, as well as researching and developing a presentation on one aspect of animation. This class will utilize lecture, demonstration, discussion, and hands-on experiences. Multimedia, and selections of classic and contemporary animated films will also be included. The course will require a significant amount of independent work. Each student will have three major projects: an animated credits sequence, a team-created animation, and a 5-minute (minimum) animation with sound.

Prerequisite: ART 435

ART 478

Senior Thesis: Portfolio

Three Credits

Students will work independently in an area of studio art or digital media of their choice. Those students enrolled in Senior Thesis will meet for a normally

scheduled class session once each week for general critique and review, and with their faculty advisors separately for additional review. Their goals will be to sharpen the skill required by the area they have chosen and to produce a final thesis project worthy of professional portfolio or performance standards. Senior Thesis will bring each student's work to a new level of technical and aesthetic proficiency in preparation for the assembly of a final graduation portfolio. Offered every fall.

Prerequisite: Senior standing

ART HISTORY COURSES

ART 160

History of Western Art I

Three Credits LA

This course studies the history of painting, sculpture, and architecture from prehistory and Ancient Egypt to the cathedrals of medieval Europe with an emphasis on the relationship between the arts, societal values, and religious beliefs. Offered every semester.

(Fulfills the Core/LS requirement for Fine Arts.)

ART 180

History of Western Art II

Three Credits LA

This course studies the history of painting, sculpture, and architecture from the revival of Greco-Roman humanism in the Renaissance to the development of abstract art in the early 20th century. The arts will be considered in relation to the religious upheaval of the Reformation of the 16th century and the social revolutions of the 18th, 19th, and 20th centuries. Offered every semester.

(Fulfills the Core/LS requirement for Fine Arts.)

ART 220

History of Photography

Three Credits LA

This course will examine the history of photography and the important role this medium of expression has held since its "discovery" in 1839. A chronological approach to the exploration of this medium will be used to demonstrate the important contributions that this art form has made to the history of art. The use of photography as an expression of humanistic, religious, and social values will also be considered. Offered every semester.

(Fulfills the Core/LS requirement for Fine Arts.)

ART 230

Greek and Roman Art

Three Credits LA

This course will examine the art of ancient Greece from the Bronze Age through the Hellenistic era and the art of ancient Rome from the early Republic through the reign of Constantine. The pre-Greek civilizations of the Cyclades, Crete, and mainland Greece will be introduced as well as the pre-Roman culture of Etruria. Offered biennially.

(Fulfills the Core/LS requirement for Fine Arts.)

ART 242

17th Century Art

Three Credits LA

This course focuses on the visual arts of Western Europe in the 17th and early 18th centuries – covering major artists such as Caravaggio, Bernini, Velazquez, Rubens, Rembrandt, Vermeer and Poussin. The course will examine images of everyday life, portraiture, landscape painting, the decoration of princely houses and palaces, and the representation of religious figures. These artistic endeavors will be placed in their cultural context by considering such topics as the relationship between patronage and the arts, the creation of academies and the intellectual and religious trends of Baroque Europe. (Fulfills the Core/LS requirement for Fine Arts.)

ART 245

Medieval Art

Three Credits LA

This course examines the art and architecture of the Middle Ages in Western Europe, from Early Christian and Byzantine art to the Gothic period, with an

emphasis on the relationship between the arts, societal values, and religious beliefs. Offered biennially.

(Fulfills the Core/LS requirement for Fine Arts.)

ART 255

Pre-Columbian Art

Three Credits LA

This course studies the art of Mesoamerican and Andean cultures from 1500 BC to 1532 AD. Monumental architecture, painting, sculpture, pottery, and textiles of the Olmec, Zapotec, Mixtec, Maya, Toltec, Aztec, Chavin, Mochica, Nazca, and Inca cultures will be examined in the context of mythology and religious ritual.

(Fulfills the Core/LS requirement for Fine Arts.)

ART 256

Chinese Art

Three Credits LA

This course is an historical survey of the painting, sculpture, and architecture of China from the Neolithic period to the 20th century. The art of China will be viewed in its cultural context with emphasis on its purpose and meaning in light of the philosophies and religions of the Far East. The course includes an in-depth study of the aesthetics, materials, and techniques of painting and calligraphy.

(Fulfills the Core/LS requirement for Fine Arts.)

ART 280

American Art

Three Credits LA

This course will study the evolution of the art of America from the early "limners" of the colonial period to the internationalism of contemporary artists. Offered biennially.

(Fulfills the Core/LS requirement for Fine Arts.)

ART 281

History of Costume

Three Credits LA

Students explore the historical styles and modes of Western dress and adornment throughout the ages from the ancient Egyptian period to the 20th century. Costume is viewed within the context of the period relating to major historical developments, technology, production, and economic situation. Also discussed are the arts, specific individuals, events, or societal values that can be seen to influence fashions of the times. Offered annually.

(Fulfills the Core/LS requirement for Fine Arts.)

ART 290

Museum Studies

Three Credits LA

This course will examine the structure and function of art museums, house museums, art galleries, and art centers as well as related institutions in the fields of historic preservation, conservation, and folk culture. The history and development of museums as educational institutions in modern times will be studied in the broader context of collecting, maintaining, exhibiting, and interpreting works of art. The relationship between the museum and the public as well as the policies and programs of funding art institutions will also be discussed. Offered biennially.

(Fulfills the Core/LS requirement for Fine Arts.)

ART 350

Contemporary Art

Three Credits LA

This course will study the art of the late 20th century through the present time in the United States and Europe. The course will explore the technical innovations, formal characteristics, and intellectual sources and their relationship to world events and cultural history. Offered annually.

(Fulfills the Core/LS requirement for Fine Arts.)

ART 362

Art & Technology

Three Credits LA

This course will consider the relationship between art and science and technology from the end of the 19th century to the present. Among the topics to be investigated

are: the influences of machinery, including the computer and the camera; color theory; and the impact of modern art on applied design and architecture. (Fulfills the Core/LS requirement for Fine Arts.)

ART 365

History of 19th-Century Art

Three Credits LA

This course will examine the movements of the 19th century from the Neo-Classicism of David to the Post-Impressionism of Cézanne, Seurat, Gauguin, and Van Gogh. Offered biennially.

(Fulfills the Core/LS requirement for Fine Arts.)

ART 366

History of 20th-Century Art

Three Credits LA

This course will trace the development of modern art from Cubism and Fauvism to Conceptual Art. Some of the major movements to be studied include German Expressionism, Italian Futurism, Russian Constructivism, Dada and Surrealism, Abstract Expressionism, and Pop Art. Offered annually.

(Fulfills the Core/LS requirement for Fine Arts.)

ART 380

Renaissance Art

Three Credits LA

This course will study the art of the Renaissance in the Lowlands and Italy. Beginning with an examination of the sources of the Renaissance in the late medieval period, the course will explore the technical innovations, formal characteristics, and iconography characterizing art from Giotto and Claus Sluter to Hugo VanderGoes and Raphael. Some of the major artists include Masaccio, Donatello, and Jan van Eyck. This course will examine in depth the intellectual sources and context of the Renaissance. Offered biennially.

(Fulfills the Core/LS requirement for Fine Arts.)

ART 391-392-393

Special Topics in Studio Art, Digital Media, or Art History

One, Two, Three Credits

These numbers are used by the department to experiment with new course offerings. These numbers are not to be used in place of Advanced Art courses. Permission of the instructor and the Dean is required.

ART 397

Advanced Internship

Three Credits

Internships are arranged with local or New York City companies, galleries and museums, or with art professionals. They are designed to give juniors and seniors in Art History, Studio Art or Digital Media an opportunity to work with professionals. Students must have a 2.5 cumulative grade-point average and be recommended by the Art and Art History faculty. An internship is not a requirement for a major in Fine Arts, Studio Art or Digital Media.

ART 477

Capping Course

Three Credits LA

This course will introduce the student to traditional and contemporary approaches to art criticism. Historical foundations of critical analysis will be explored, as well as contemporary models for the justification of aesthetic judgments. Broader humanistic concerns and values issues will be addressed by the application of models reflecting the social, historical, political, and psychological nature of art. The course will provide the student with the opportunity to develop an independent research project. Offered every spring.

ATHLETIC TRAINING

ATHT 104

Introduction to Athletic Training

Two Credits – lecture

One Credit – laboratory

This introductory course in athletic training is designed for those interested in the Athletic Training major. The student will gain insight into the profession,

the preparation of the athletic trainer, and the role of the athletic health-care professional in various settings. Discussions about other allied health-care professionals with whom the athletic trainer will work closely (PTs, EMTs, etc.) will be emphasized. This course will also introduce those interested in Athletic Training to the basic clinical techniques in dealing with prevention and management of athletic injuries and will include discussions on preventative wrapping and strapping, padding and bracing, and splinting and transportation.

ATHT 205

Basic Concepts in Athletic Training

Two Credits – lecture

One Credit – laboratory

This course will cover the clinical examination and diagnosis and the acute care of injuries and illnesses with emphasis placed on emergency medical care. The entire body will be addressed within these domains as well as other issues pertinent to the health care of athletes. The laboratory session is designed to provide the student with practical application of the material discussed in the lecture.

Prerequisites: ATHT 104 and acceptance into the professional phase of the Athletic Training Education Program, or permission of Program Director.

ATHT 304

Therapeutic Modalities in Athletic Training

Two Credits – lecture

One Credit – laboratory

Discussion of the latest therapeutic techniques used in athletic training. History of the foundation of all modalities as well as current concepts. Use and misuse, as well as contraindication, for all modalities. Each student will practice and learn each modality through the laboratory session so they have a clear understanding of why and how to use each modality.

Prerequisite: ATHT 205 or permission of Program Director.

ATHT 305

Therapeutic Interventions in Athletic Training

Three credits

This course will provide the student with an understanding in the application of various therapeutic interventions to treat injury and disease. The use of rehabilitation equipment and exercises, and appropriate therapeutic modalities associated with the rehabilitation of athletic injuries will be discussed.

Prerequisites: ATHT 304, HLTH 300

ATHT 306

Therapeutic Exercise in Athletic Training

Two Credits – lecture

One Credit – laboratory

The use of rehabilitation equipment and exercises associated with rehabilitation in athletic injuries. The student will also use evaluation devices such as a goniometer, girth testing, gait analysis, muscle testing, joint mobilization, and proprioceptive neuromuscular facilitation.

Prerequisites: ATHT 304, HLTH 300

ATHT 307

Principles of Strength Training and Conditioning

Two Credits LA – lecture

One Credit – laboratory

This course takes a multi-faceted approach to the general science of strength training. Topics to be covered include exercise physiological concepts and applications, testing and evaluation, beginning and advanced flexibility and exercise techniques, program design, periodization, aerobic and anaerobic training considerations, nutrition, performance enhancing substances, exercise prescription for the strength athlete, and organization and administration of an exercise facility. This course will also provide a practical challenge to the student to apply scientific concepts and principles into the development of sports-specific training programs. The student will have the opportunity to create a complex training program for an athlete utilizing the concepts discussed in the course. In conjunction with other classes, students should have sufficient theoretical and practical knowledge to sit for the National Strength and Conditioning Associations (NSCA) Certified Strength and Conditioning Specialist (CSCS) or Certified Personal Trainer (NSCA-PT) exam.

Prerequisites: BIOL 201 & BIOL 202

ATHT 310

Lower Body/Extremity Assessment of Musculoskeletal Injuries

Two Credits – lecture

One Credit – laboratory

This course will provide the student with information on assessment techniques specific to the lower body. The assessment techniques will include material specific to history, observation, palpation, range of motion, and special tests. Also included in the course will be material on neurological and circulatory evaluations for the lower body.

Prerequisites: ATHT 205, BIOL 201 & 202

ATHT 311

Upper Body/Extremity Assessment of Musculoskeletal Injuries

Two Credits - lecture

One Credit - laboratory

This course will provide the student with information on assessment techniques specific to the upper body. The assessment techniques will include material specific to history, observation, palpation, range of motion, and special tests. Also included in the course will be material on neurological and circulatory evaluations for the upper body.

Prerequisites: ATHT 205, BIOL 201 & 202

ATHT 330

Advanced Concepts in Athletic Training

Three Credits – lecture

Detailed coverage of advanced athletic injury evaluation techniques. Emphasis will also be placed on special athletic-related topics, common skin disorders, illnesses, pharmacology, casting and splinting, and youth sports. The laboratory section will coincide with the lecture topics each week. It will allow the student the practical application experience he or she will need to develop competencies in these areas.

Prerequisite: ATHT 205

ATHT 381-382-383-384-385-386-387-388

Athletic Training Internship

One-Two-Three-Four-Five-Six-Seven-Eight Credits

The internship is a professionally oriented experience related to the field of Athletic Training and/or Sports Medicine. Permission of the Program Director of Athletic Training is required.

ATHT 395-396-397-398-497-498

Practicum in Athletic Training I–VI

One Credit each

These Practicum courses are designed to assess student competency and proficiency in the psychomotor skills determined by the NATA Educational Council. The proficiencies will address the areas of risk management and injury prevention, assessment and evaluation, acute care, pharmacology, therapeutic modalities, therapeutic exercise, general medical conditions and disabilities, psychosocial intervention/referral, health-care administration, professional development/responsibilities, and nutritional aspects. In addition, clinical experience in affiliated athletic training settings is required.

Prerequisites: Acceptance into the professional phase of the Athletic Training Education Program; consent of Program Director.

ATHT 400

Athletic Training Administration and Strategies

Three Credits

This senior-level course is designed to present the responsibilities of the athletic trainer as an educator and administrator. This course is a collection of knowledge, skills, and values that the entry-level certified athletic trainer must possess to develop, administer, and manage a health care facility and associated venues that provide health care to athletes and others involved in physical activity.

Prerequisite: ATHT 104 and acceptance into the professional phase of the Athletic Training Education Program, or permission of Program Director.

ATHT 477

Professional and Ethical Issues in Athletic Training

Three Credits

This is the capping course in Athletic Training. A lecture and discussion-oriented study of current professional topics in athletic training including legal and ethical

issues with case studies and problem solving emphasized. This course will also include a research component with an oral presentation.

Prerequisite: Acceptance into the professional phase of the Athletic Training Education Program, or permission of Program Director.

BIOLOGY

BIOL 101

Topics in Biology

Three Credits LA

This course is designed to introduce the non-science major to the major principles in biology and then to utilize these principles to discuss science-related concerns of today's society. *Three-hour lecture. Note: This course may not be taken for credit by students who have completed BIOL 130.*

BIOL 130

General Biology I

Four Credits LA

This course is designed to introduce science majors to the major generalizations in biology. Topics include the scientific method, the chemical and cellular basis of life, energy transformation, DNA structure and replication, protein synthesis, and cell division. The laboratory will emphasize hands-on exercises including such topics as data analysis, dissection, microbial taxonomy and classification, and cell division. *Three-hour lecture, three-hour laboratory per week.* Offered every fall.

BIOL 131

General Biology II

Four Credits LA

Designed to introduce science majors to fundamental concepts in biology. Topics include: transmission genetics, evolutionary theory, and selected ecological principles along with an examination of science as a process and the distinction between science and religion. The laboratory will emphasize experimental design, genetics, evolution and animal diversity and taxonomy. *Three-hour lecture, three-hour laboratory per week.* Offered every spring.

Prerequisite: BIOL 130

BIOL 201

Human Anatomy and Physiology I

Four Credits LA

This course will acquaint students with the structure and function of the human body with emphasis on coordination and adjustment mechanisms. Specific topics include: tissue types, and the skeletal, muscular and nervous systems. Laboratory exercises are designed to facilitate identification of specific structures and functions in those topics. Students may take BIOL 201 and BIOL 202 or BIOL 340 and BIOL 440. Students who receive credit for BIOL 201 and/or BIOL 202 may not then take BIOL 340 and/or BIOL 440, and students who receive credit for BIOL 340 and/or BIOL 440 may not then take BIOL 201 and/or BIOL 202. *Three-hour lecture, three-hour laboratory per week.* Offered every fall.

Prerequisite: BIOL 130 and 131

BIOL 202

Human Anatomy and Physiology II

Four Credits LA

This course is a continuation of BIOL 201 and has a greater emphasis on homeostatic imbalances. Specific systems studied in this course include special senses, and the cardiovascular, respiratory, renal and reproductive systems. In laboratory, students will locate and identify specific structures and their functions in those systems. Students may take BIOL 201 and BIOL 202 or BIOL 340 and BIOL 440. Students who receive credit for BIOL 201 and/or BIOL 202 may not then take BIOL 340 and/or BIOL 440, and students who receive credit for BIOL 340 and/or BIOL 440 may not then take BIOL 201 and/or BIOL 202. *Three-hour lecture, three-hour laboratory per week.* Offered every spring.

Prerequisite: BIOL 201

BIOL 203

Human Nutrition

Three credits

Dual listed as HLTH 201

Functions and sources of nutrients, dietary adequacy, factors (including health, disease, aging, pregnancy, and exercise) that govern nutrient requirements, energy balance, and weight control. This course is intended for students majoring in biology, biochemistry, athletic training, and other health-related areas. Students who receive credit for BIOL 203 may not take HLTH 225.

Prerequisites: BIOL 130-131 and CHEM 111, 112, 115, 116, or equivalents

BIOL 211

Plant Biology

Four Credits LA

An introduction to the basic interrelationships of plant structure, function, growth, reproduction, physiology, hormonal regulation and response to external stresses are presented in an evolutionary and ecological context. Plant natural products, along with their poisonous, medicinal and therapeutic active constituents will be covered. The laboratory will introduce knowledge and methodologies from a number of different disciplines to provide students with an experimental approach from the organismal to the molecular level. *Three-hour lecture, three-hour laboratory per week.* Offered every fall.

Prerequisites: BIOL 130 and 131

BIOL 214

Life on Earth

Three Credits LA

A course in biological evolution designed for students not majoring in the sciences. Science as a process and how science differs from religion will be examined. Topics include: Darwin, natural selection and other mechanisms that cause change, evolutionary medicine, how life began, and selected examples of animal evolution and adaptation. *Three-hour lecture per week. Note: This course may not be taken for credit by students who have completed BIOL 131.*

BIOL 232

Sex, Evolution and Behavior

Three Credits LA

This course is designed for the non-science major and will examine how natural selection influences the evolution of social behavior in animals (including humans). Topics will include: the physiological basis of behavior, the adaptive value of behavior, learning and instinct, mate selection, parental investment, altruism, infanticide, primate behavior, and human sociobiology. *Three-hour lecture per week. Note: This course may not be taken by students who have completed BIOL 305.*

BIOL 237

Human Biology

Three Credits LA

This is a course in human physiology designed for the non-science major. Students will study how the body works and what causes disease. The class will also examine how current medical research approaches the problem of how to treat or cure a specific illness. Topics will include: the nervous system and brain, the respiratory system, the cardiovascular system, exercise physiology, the digestive system, and the reproductive system. *Three-hour lecture per week. Note: This course may not be taken by students who have completed BIOL 201, BIOL 202, BIOL 340, and / or BIOL 440.*

BIOL 305

Animal Behavior

Three Credits LA

A study of animal behavior from the ethological perspective. Topics include how behavior evolves, behavior genetics, sexual selection, mate selection, nepotism and inclusive fitness theory, parental behavior, reciprocal altruism, communication, foraging, antipredator strategies, territoriality, homing and navigation, and the history of the study of animal behavior including a review of interactions between learning and instinct. *Three-hour lecture per week.* Typically offered every spring.

Prerequisites: CHEM 111, 112, 115, 116 or equivalent and grade of C or higher in BIOL 130 and 131

BIOL 312

Microbiology

Four Credits LA

An introduction to the vast world of bacteria, fungi, protists, and viruses. Topics include microbial morphology, metabolism, and genetics, along with the roles of microorganisms in disease, the environment, and industry. The laboratory is an integral part of this course. The emphasis is on perfecting microbiological techniques and on the isolation and characterization of microorganisms. *Three-hour lecture, three-hour lab per week.* Typically offered every semester.

Prerequisites: CHEM 111, 112, 115, 116 or equivalent and a grade of C or higher in BIOL 130 and 131

BIOL 315

Immunology

Three Credits LA

A study of the basic principles of the immune response. The cellular and humoral systems will be analyzed. Topic areas to be covered will include: the biology and chemistry of the immune response, complement fixation, immunodiagnoses, immunoassay, immunopathology, autoimmunity, transplant and cancer immunology. *Three-hour lecture per week.* Typically offered every spring.

Prerequisites: CHEM 111, 112, 115, 116 or equivalent and a grade of C or higher in BIOL 130 and 131

BIOL 320

Genetics

Four Credits LA

A study of transmission, population, molecular, and cytogenetics. Both in the classroom and the laboratory, the emphasis is on reinforcing basic concepts through a study of the classic experiments in genetics as well as current research. *Three-hour lecture, three-hour laboratory per week.* Typically offered every semester.

Prerequisites: CHEM 111, 112, 115, 116 or equivalent and a grade of C or higher in BIOL 130 and 131

BIOL 321

Evolution

Three Credits LA

An examination of the unifying theory of all biology. Topics include the history of evolutionary thought, microevolution, population genetics, speciation, macroevolution, the origin of life, critical periods in the evolution of life, phylogenetic methods, and Darwinian medicine. In addition, an examination of social Darwinism, scientific creationism, and a review of human evolution and the race concept will illustrate how one's culture and values influence scientific investigations. *Three-hour lecture per week.* Typically offered every fall.

Prerequisites: CHEM 111, 112, 115, 116 or equivalent and a grade of C or higher in BIOL 130 and 131; BIOL 320 is recommended but not required.

BIOL 325

Histology

Four Credits LA

A study of animal tissue organization and types. Tissue microanatomy and recognition are covered in lectures and through student microscopic study. The techniques of histological procedures are taught in the preparation of permanent slides. *Three-hour lecture, three-hour laboratory per week.*

Prerequisites: CHEM 111, 112, 115, 116 or equivalent and a grade of C or higher in BIOL 130 and 131

BIOL 327

Freshwater Ecology

Three Credits LA

Dual Listed as ENSC 327

See ENSC 327 for course description.

BIOL 340

Human and Comparative Vertebrate Anatomy

Four Credits LA

A comparative study of the organ systems of protochordates and vertebrates. Laboratory includes the dissection of the shark and cat. Students may take BIOL 201 and BIOL 202 or BIOL 340 and BIOL 440. Students who receive credit for

BIOL 201 and/or BIOL 202 may not then take BIOL 340 and/or BIOL 440, and students who receive credit for BIOL 340 and/or BIOL 440 may not then take BIOL 201 and/or BIOL 202. *Three-hour lecture, three-hour laboratory per week.* Typically offered every spring.

Prerequisites: CHEM 111, 112, 115, 116 or equivalent and a grade of C or higher in BIOL 130 and 131

BIOL 360

Ecology: Principles & Practice

Four Credits LA

Dual Listed as ENSC 360

Study of interrelationships among organisms and with their environments. Topics include organism responses to physical and chemical conditions, population growth and regulation, intra- and interspecific competition, herbivory, predation, parasitism, mutualism, community structure, ecosystem productivity, nutrient cycling, and decomposition. *Three-hour lecture, three-hour fieldwork/lab per week.* Typically offered every fall.

Prerequisites: Grade of C or higher in BIOL 130 and 131; one semester of college CHEM with Lab; MATH 130. Junior or senior standing recommended.

BIOL 390-391-392

Special Topics in Biology I–II–III

One-Two-Three Credits LA

“Special topics” courses serve as a vehicle by which a school may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Grade of C or higher in BIOL 130 and 131

BIOL 420

Invertebrate Zoology

Four Credits LA

Invertebrate Zoology focuses on animals lacking backbones, methodologies for their study, and the relationships that invertebrates have with their environments. Groups studied include sponges, mollusks, crustaceans, worms, arachnids, insects (the most diverse of all), starfish & kin. Lectures emphasize morphology, evolution, and ecology. Laboratories include dissections, observations of preserved and living specimens, and collecting field trips. *Three-hour lecture, three-hour field work/lab per week.*

Prerequisite: Grade of C or higher in BIOL 130 and 131

BIOL 421

Parasitology

Four Credits LA

A study of the biology of parasites of man and other vertebrates. Discussion will include types of parasites, life cycles, pathology caused by parasitism, cure and treatment, and the social and economic impact of parasitism. Laboratory work will study the parasite from slide preparations. *Three-hour lecture, three-hour laboratory per week.* Typically offered every spring.

Prerequisites: CHEM 111, 112, 115, 116 or equivalent and a grade of C or higher in BIOL 130 and 131

BIOL 430

Developmental Biology

Four Credits LA

Basic principles of developmental biology, the process by which a fertilized egg divides and gives rise to all of the specialized cells and complex structures of an adult, multi-cellular organism. Lectures will emphasize the molecular, cellular, and genetic basis of animal development including topics such as sex determination, fertilization, early embryogenesis, stem cells, cell signaling, and cancer. Laboratory exercises explore both classical embryology and developmental genetics/genomics in model organisms such as amphibians, chicks, fruit flies and nematodes. *Three-hour lecture, three-hour laboratory per week.* Typically offered every fall.

Prerequisites: CHEM 111, 112, 115, 116 or equivalent and a grade of C or higher in BIOL 130 and 131, and junior/senior status, or permission of instructor; BIOL 320 is recommended but not required.

BIOL 435

Plant Physiology

Four Credits LA

An advanced study of the dynamic processes of growth, metabolism, and reproduction in living plants. Topics will include enzyme kinetics; gene expression and protein turnover; water relations; nutrition; physiological and ecological considerations of photosynthesis; stress physiology; secondary defense metabolites; response of herbivores to toxic secondary compounds; physiology and biochemistry of hormones; development and biochemistry and physiology of phytochrome. Lecture topics are supplemented with weekly laboratory experiments, giving students an in-depth understanding of concepts and hands-on experience in modern laboratory techniques. *Three-hour lecture, three-hour laboratory per week.*

Prerequisites: BIOL 211 and CHEM 111, 112, 115, 116 or equivalent and a grade of C or higher in BIOL 130 and 131, and junior/senior status, or permission of instructor.

BIOL 440

Advanced Human Physiology

Four Credits LA

Basic principles of general animal physiology emphasizing integration of organ system functions to maintain the individual under varying conditions. Control by the nervous and hormonal systems connect all topics which will emphasize human physiology. Topics with special emphasis will include: physiology of excitable cells, muscle physiology, circulation, respiration, fluid and ion balance, and nutrient processing. The laboratory will emphasize experimentation, data analysis, and professional writing. Offered every fall. Students may take BIOL 201 and BIOL 202 or BIOL 340 and BIOL 440. Students who receive credit for BIOL 201 and/or BIOL 202 may not then take BIOL 340 and/or BIOL 440, and students who receive credit for BIOL 340 and/or BIOL 440 may not then take BIOL 201 and/or BIOL 202. *Three-hour lecture, three-hour laboratory per week.* Typically offered every fall.

Prerequisites: CHEM 111, 112, 115, 116 or equivalent and a grade of C or higher in BIOL 130 and 131, and junior/senior status, or permission of instructor. A course in physics is recommended but not required.

BIOL 450

Biotechnology

Four Credits LA

An intensive laboratory course covering both basic and advanced techniques in biotechnology. Subcloning, gel electrophoresis, and polymerase chain reaction (PCR) will be emphasized. Other techniques will be covered, such as sequencing, DNA and protein blotting, protein isolation, and bioinformatics. Students will apply their skill to a group project. Students will also learn how to find employment or graduate programs in molecular biology. The hands-on advanced nature of this course demands a substantial time commitment outside of normal lecture/lab hours. *Three-hour lecture, three-hour laboratory per week.* Typically offered every spring.

Prerequisites: CHEM 211-212 and CHEM 215-216 or CHEM 201-202, and grade of C or higher in BIOL 130 and 131, and junior/senior status, or permission of instructor.

BIOL 477

Capping Course

Three Credits LA

A capping course required for all Senior Biology, Biomedical Science and Biology Education majors. Topics vary. Offered every semester.

Prerequisites: Senior status, a Philosophy Ethics course (preferably Bioethics) and a minimum of seven BIOL credits at the 300-400 level (not including research and/or internships).

BIOL 480-483

Research I–II–III

One – Three Credits

These courses offer the student the opportunity to conduct research in biology under the direction of a faculty member. One week prior to the last scheduled class day of the semester the student presents a written report to their faculty mentor and the Biology Chairperson. Each individual student will also present

a public seminar on campus at the end-of-semester Biology Student Research Symposium.

Prerequisite: Permission of the Biology Chairperson

BIOL 493

Molecular Biology

Four Credits LA

This course is designed to introduce students to the behavior of molecules in cellular systems as well as diversity in gene expression via the processes of DNA, RNA, and protein synthesis. Students will participate in an intense weekly analysis of research papers from the current molecular literature. *Three-hour lecture, three-hour laboratory per week.*

Prerequisites: BIOL 320, and either CHEM 201-202 OR CHEM 212 and 216, and junior/senior status, or permission of instructor.

BIOL 494-498

Biology Internship

One – Three Credits

The internship is designed to be a pre-professional work-related experience at an off-campus location. The student intern will be supervised by an on-site professional and by the Biology and Biomedical Sciences Internship Coordinator. Internships must be approved by the Internship Coordinator and Career Services prior to their commencement. Forty-five hours per credit and completion of a journal.

Prerequisites: Second semester sophomore standing, a minimum science GPA of 2.7, CHEM 111, 112, 115, 116 or equivalent, and a grade of C or higher in BIOL 130 and 131.

BUSINESS ADMINISTRATION

BUS 100

Introduction to Business and Management

Three Credits

This course introduces students to the world of business and the practice of management. It is designed to be an interactive and lively experience that provides the student a basic understanding of organizations, managers, business, and themselves. Students will learn to see and analyze an organization as a complete and integrated system. We will cover the dynamic world of business, the nature of managerial work, the history of managerial thought, planning and decision making, organization structure and design, individual responsibility, and the nature of careers in today's business environment. Students will be challenged to think critically and discuss the implications of organizational action. Offered every semester.

BUS 120

Financial Literacy

One credit

This course is intended to make basic financial topics accessible to non-finance majors. It focuses on bank accounts, borrowing, budgeting, planning, investing, saving for retirement and taxes. At the end of the course, the student will have a working knowledge of these financial components. Offered every semester.

BUS 202

Global Business & Society

Three Credits

This course introduces the student to the global business environment, with particular attention given to the advantages and disadvantages of the corporate form of organization. A major emphasis will be on social, political, and cultural forces influencing global business decisions and operations; ethical challenges in the global marketplace; and other current issues such as diversity, technology, and concern for the physical environment. Offered every semester.

BUS 301

Human Resource Management

Three Credits

This course encompasses the recruitment, selection, development, and utilization of any organization's most costly resource: its employees. In addition, organization rewards systems, health and safety, and labor relations will be covered as they affect employees in organizations. The purpose of this course is to introduce the

student to the field, and help the student understand the importance of human-resource management in reaching organizational goals. Offered every semester.

Prerequisite: BUS 100 or ACCT 204

BUS 302

Organizational Behavior

Three Credits

This course provides a foundation for understanding organizational behavior at the individual, group, and organizational level. The course will familiarize students with research, theories, models, concepts, and contemporary issues in the field. This course will emphasize active learning and skill development structured around the conceptual content of the course. Offered every semester.

Prerequisite: BUS 100 or ACCT 204

BUS 319

Ethical Decision Making in Business

Three Credits

This course will expand upon the student's knowledge of theoretical ethics by applying these concepts to decision-making in organizations. Students will learn to evaluate ethical dilemmas set in the context of business organization and other socially relevant situations via vigorous in-class debate and interaction. Students will have an opportunity to develop critical analytic skills; persuasive argument development; oratory talents; and adaptability in ever changing, challenging situations.

BUS 320

Financial Management

Three Credits

An introduction to the major topics in corporate finance. The course examines the time value of money, capital budgeting, financial analysis and forecasting, stock valuation, bond valuation, and the financial markets. Offered every semester.

Prerequisites: ACCT 203, MATH 130 or MATH 330, ECON 103 and ECON 104

BUS 340

Marketing Principles

Three Credits

An introductory course examining the role of marketing in organizations. Topics include an understanding of the process of environmental analysis, marketing-information management, and market research; consumer and business buying behavior, segmentation, target-market selection, and positioning in marketing-mix decisions. Marketing-mix decisions (including product management, new-product development, pricing, distribution, and marketing-communications strategies) will be discussed in view of global market forces and a globally competitive environment. The importance of awareness of legal and ethical aspects of marketing decisions will be addressed. Students will be exposed to some of the unique problems of marketing, including its place as an organization's contact with the wider social fabric; its ethical considerations; increasing globalization; and rapid technological change. Offered every semester.

Prerequisites: ECON 103 or 150; and BUS 100 or ACCT 204

BUS 364

Entrepreneurship

Three Credits

This course focuses on entrepreneurship concepts and generally examines topics such as developing successful business ideas and creating, managing and growing an entrepreneurial firm. Topics related to developing successful business ideas may include: recognizing opportunities and generating ideas; conducting a feasibility analysis; writing a business plan; conducting an industry and competitor analysis; and developing effective business models. Topics related to creating an entrepreneurial firm may include: preparing a proper ethical and legal foundation; assessing the new venture's financial strength; assembling the new venture management team; and getting financial backing. Topics related to managing and growing an entrepreneurial firm may include: generating unique marketing ideas; dealing with intellectual property; analysis and preparation for growth; growth strategies; and franchising.

Prerequisites: BUS 100, Junior or Senior standing

Recommended: BUS 340, ACCT 204, BUS 386, and CMPT 105

BUS 380

Business Law I

Three Credits

Dual listed as PRLG 380

Designed to cover fundamental legal principles applicable to common business transactions; the nature and function of law; court procedure; the law principles pertaining to contracts, agency, and property.

BUS 381

Business Law II

Three Credits

Dual listed as PRLG 381

A continuation of Business Law I. This course covers the law of sales of goods, commercial paper, bank transactions, and secured transactions under the Uniform Commercial Code (which now includes the CCISG for international sale of goods). As time permits, other topics are also covered, such as corporations: formation, capitalization, and control; partnerships; and insurance.

Prerequisite: BUS 380

BUS 382

Legal Foundation of Business

Three Credits

This course provides a foundation for understanding our legal system and how this system supports U.S. and global business practices. In addition, students learn basic concepts of contract law, property law, tort law, and administrative law, and are introduced to issues being raised by globalization and e-commerce. Offered every semester.

BUS 388

Operations Management

Three Credits

Topics common to both production and service operations are emphasized. Includes quantitative decision-making techniques; forecasting; various planning techniques involved in capacity, location, and process; resource and materials planning; and the design of job and work measurement systems. Also included are inventory systems and models, materials management, and quality-control methods. Offered every semester.

Prerequisites: MATH 115 or MATH 241; and MATH 130, ACCT 204 (can be taken as a corequisite)

Recommended: ECON 103, ECON 104

BUS 401

Compensation Administration

Three Credits

This course is designed to introduce students to the basic concepts of compensation including: motivation, job analysis, job evaluation, compensation survey design, merit pay, pay-plan design, benefits, and pay-plan administration. Wage theories are analyzed with consideration to legislation and management wage policies. Offered every fall.

Prerequisites: BUS 100 and BUS 301

BUS 402

Labor Relations

Three Credits

A study of the labor movement in the United States and other countries, with emphasis on the three essential processes of collective bargaining: organizing employees, negotiating, and administering a labor contract. The course includes an examination of labor law, the role of the National Labor Relations Board, public-sector bargaining, and selected contract issues. Offered every fall.

Prerequisites: BUS 100, BUS 301, ECON 103, ECON 104

BUS 410

Employment and Development

Three Credits

This course focuses in detail on a number of key elements in Human Resource Management including training, career management, and personnel and organizational development. The course enables students to engage in career

planning and development as well as individual and organizational training. Offered every spring.

Prerequisites: BUS 100, BUS 301

BUS 413

Advanced Topics In Human Resource Management

Three Credits

This course provides an in-depth examination of the role of Human Resource Management as a strategic business partner and source of competitive advantage. This includes examination of methods for assessment, development and utilization of the human capital of the firm. It will explore analytic approaches, metrics, and outcome measures used to guide and support actions associated with a firm's strategy. In addition, Human Resource Information Systems as mechanisms to link goals to outcomes and manage large human resource programs and projects will be explored. Offered every spring.

Prerequisites: BUS 100, BUS 301

BUS 420

Investment Analysis

Three Credits

An analysis of financial securities and financial markets including the linkage of the stock market and the futures market, the selection of individual securities, and the formation and management of portfolios. The course examines modern portfolio theory and its application from the point of view of an institutional portfolio manager and an individual investor. Both fundamental analysis and technical analysis are covered in the course. Offered every semester.

Prerequisites: BUS 320, ACCT 330, and either MATH 115 or 241

BUS 421

Corporate Finance

Three Credits

A further study of the major topics in corporate finance with emphasis on risk, capital structure, capital budgeting, dividend policy, derivatives, and international finance. Students employ computer spreadsheets to integrate corporate financial theory. Offered every semester.

Prerequisites: BUS 320, and either MATH 115 or MATH 241. The faculty recommend that students take BUS 421 immediately after BUS 320.

BUS 426

Investment Practicum: Equities

Three Credits

This is an experiential practicum, where students learn by doing. The course is focused around the management of The Greystone Equity Fund, a \$100,000 (actual dollars) Student Managed Investment Fund. Students will identify and research stocks that are potential investments for the Fund, will prepare written analyst research reports, and will present their recommendations to the class. Students are also responsible for monitoring and rebalancing the portfolio, subject to constraints laid out in the Investment Policy Statement, for reporting on the risk and performance of the portfolio, and will publish a Semi-Annual Report for the Fund.

BUS 427

Investment Practicum: Fixed Income

Three Credits

This is an experiential practicum, where students learn by doing. The course is focused around the management of The Greystone Equity Fund, a \$100,000 (actual dollars) Student Managed Investment Fund. Students will identify and research fixed income instruments that are potential investments for the Fund, will prepare written analyst research reports, and will present their recommendations to the class. Students are also responsible for monitoring and rebalancing the portfolio, subject to constraints laid out in the Investment Policy Statement, for reporting on the risk and performance of the portfolio, and will publish a Semi-Annual Report for the Fund.

BUS 430

International Trade Management

Three Credits

This course focuses on the legal, cultural, ethical, political, and business framework within which international trade takes place. Within this larger

framework, the specific mechanisms involved in exporting and importing, particularly as conducted by small- to medium-sized enterprises, are an important sub-focus. Areas to be studied include forms of business available for international trade (including strategic alliances, multinational operations, import and export brokers, and others); relationships between businesses and governments; strategic choice of mode of entry into the foreign market; political risk; international legal environment; trade financing; the European Community; NAFTA; the impact of cultural differences on trade relationship formation and maintenance; culture as a source of competitive advantage; and ethical problems. Students are required to do a term paper which involves international research (including research on-line) and analysis of the entire international trade framework for a chosen foreign country from the point of view of a medium-sized U.S. exporter.

Prerequisite: BUS 100 or ACCT 204

Recommended: BUS 382, ECON 442

BUS 440

Marketing Communications

Three Credits

This course examines the full range of marketing-communication techniques, including advertising, personal selling, sales promotion, public relations, and point of purchase. Taking an integrated marketing-communications approach, the course emphasizes assessing an organization's external environment (economic, social, political/legal, technological) to determine appropriate mechanisms to reach targeted consumers. The legal and ethical implications of marketing decisions and practices, including deceptive advertising and unsubstantiated claims by advertisers, are addressed, as are topics of current interest such as global communications, globalization of markets, and the use of the World Wide Web as a marketing-communication medium. A term project requires development of communication strategies, and involves research both in the library and on the Web.

Prerequisites: BUS 100 or ACCT 204, BUS 340

BUS 441

Marketing Research

Three Credits

This course focuses on the importance of establishing formal information links between an organization and its markets, and on identifying what those information needs are. Topics covered will include the importance of primary and secondary research in marketing-decision making; sources of secondary data; development of plans for research; selection of appropriate data-gathering methods; construction of data-gathering instruments; development of a sample plan, and analysis and interpretation of the resulting information. The importance and the uses of marketing-information systems within the organizational structure will be stressed. The ethical implications of using humans as research subjects will be considered, as will the need to draw honest and accurate conclusions from sample data. Computerized data-gathering and analyzing programs (such as SPSS or Excel) will be used. Constraints and limitations of using sophisticated research tools in global marketing-research efforts will be discussed.

Prerequisites: BUS 100 or ACCT 204, BUS 340, MATH 130

BUS 442

International Marketing

Three Credits

The objectives of this course are to develop an understanding of marketing management across national boundaries, including development of marketing strategies in view of cultural, geographical, political, economic, and technological diversities. Various elements of marketing mix including adjustment and/or development of products, pricing, distribution, and promotion, including export-based entry modes and channels, will be discussed. Students will learn to make strategic decisions by developing and applying analytical skills in actual situations via case studies. A term project will require library research and decision making.

Prerequisites: BUS 100 or ACCT 204, BUS 340, BUS 382

BUS 450

Marketing Policies & Problems

Three Credits

Restricted to seniors. This course brings together all the pieces of the marketing discipline, integrating them with the other functional areas of business. Students learn to analyze the external environmental forces of business (including ethical, social, cultural, demographic, technological, competitive, ecological, and regulatory) affecting ability to compete in the global marketplace. Using strategy-development tools such as portfolio models, the profit-impact model, input-output analysis, contribution-margin analysis, market position, product life-cycle analysis, and experience-curve effects, students learn to make short-term tactical and longer-range strategic recommendations. The case-study approach is used, emphasizing businesses with a global orientation and firms in industries with global market scope. Quantitative and qualitative analytical skills are developed and used. A term project requires library and web search/research. A fuller understanding of the place of marketing within the firm and its interactions with the larger societal setting should result.

Prerequisites: BUS 440 or BUS 441; and senior standing

BUS 477

Management Strategy and Policy

Three Credits

Restricted to seniors. An integrative course to fulfill the "capping requirement." It draws on all the functional areas of management, related field requirements, and core studies. The purpose is to engage the student in the process and content of strategic management and planning. External, industry, and internal environmental analytic techniques are employed in crafting firm strategy and creating sustainable competitive advantages in a hyper-competitive, global business community. Additional topics include competitive intelligence, strategic implementation, and managerial evaluation. Offered every semester, but more sections offered in the spring.

Prerequisites: BUS 301, BUS 302, BUS 320, BUS 340, BUS 388; and senior standing

CAREER DEVELOPMENT

CRDV 100

Employment Practicum

One Credit

At the end of this course the student will have completed a profile of tools and information with which to conduct a search for internships or full-time jobs. The course seeks to develop an understanding of HR/employment practices as students develop practical skills to facilitate their individual success including: writing effective resumes, preparing job search correspondence, improving interview skills, networking and job prospecting and using Internet resources to land internships and jobs. This course is primarily taught via iLearn. Most sections incorporate 3 in-class sessions; however, they can be adapted for study abroad or distance learning.

CRDV 105

Career Planning and Decision Making

One Credit

Students explore majors and careers as this course seeks to develop and strengthen a student's ability to utilize self-assessment, critical thinking, and research techniques to define personal characteristics, identify and research career options, and develop an understanding of labor market trends and forecasting. The emphasis is on making an informed decision about choice of major and career. This course combines in-class sessions with some assignments on the Internet and resources on iLearn.

CATHOLIC STUDIES

CAST 200

Catholic Studies I: Medieval Europe

Three Credits LA

Dual listed as HIST 248

See HIST 248 for course description.

CAST 201
Catholic Studies II: The Catholic Church in Modern Times

Three Credits LA

Dual listed as HIST 255

See HIST 255 for course description.

CAST 202
Catholic Thought and Spirituality

Three Credits LA

Dual listed as REST 243

See REST 243 for course description.

CHEMISTRY

CHEM 101
Introduction to Chemistry

Three Credits LA

A basic introduction to chemistry emphasizing the language of chemistry, its fundamental concepts, and development of problem-solving skills. This course provides appropriate background for students with insufficient preparation in high school chemistry who may wish to take General Chemistry I-II. *Two lectures per week.*

CHEM 102
Introduction to Chemistry Laboratory

One Credit LA

One-credit course designed to inculcate accepted laboratory procedures with regard to safety, techniques, measurement, and reporting of results. *One three-hour laboratory per week*

Co-requisite: CHEM 101

CHEM 111
General Chemistry I: Introduction to Inorganic Chemistry

Three credits LA

An introduction to the fundamental theories of inorganic chemistry including the structure of atoms, electronic structure, bonding, reactions in aqueous media, gas behavior, intermolecular forces, and properties of solutions. The corequisite laboratory course will demonstrate the lecture material and emphasizes laboratory technique, data treatment, and report writing. *Two lectures and one recitation per week.*

CHEM 112
General Chemistry II: Introduction to Physical Chemistry

Three credits LA

An introduction to the principles of physical chemistry beginning with chemical thermodynamics and working through reaction rates, equilibrium, acid-base chemistry, electrochemistry, and nuclear chemistry. The lecture and laboratory components of this course are designed to complement each other. Lecture presents background theory while the corequisite laboratory emphasizes application of theoretical concepts to hands-on discovery. *Two lectures and one recitation per week.*

Prerequisite: CHEM 111

CHEM 115
General Chemistry with Laboratory I

One credit LA

General Chemistry Laboratory I is an introduction to the chemical laboratory. Proper experimental technique, laboratory safety, data treatment, and report writing will be emphasized. *One three-hour laboratory per week.*

Corequisite: CHEM 111

CHEM 116
General Chemistry with Laboratory II

One credit LA

General Chemistry Laboratory II is the introduction to the chemical laboratory that was started in General Chemistry Laboratory I. Proper experimental technique, laboratory safety, data treatment, and report writing will be emphasized. *One three-hour laboratory per week.*

Prerequisite: CHEM 115

Corequisite: CHEM 112

CHEM 201
Principles of Organic Chemistry

Three Credits LA

This one-semester course is designed to give biology, environmental science, and medical technology students who are not oriented toward graduate school or medical school a basic understanding of the principles of organic chemistry.

Two lectures per week.

Prerequisites: CHEM 111-112, CHEM 115-116

CHEM 202
Principles of Organic Chemistry Laboratory

One Credit LA

Designed to accompany CHEM 201. Topics include separation techniques, physical and chemical properties of organic compounds, and an introduction to infrared and nuclear magnetic resonance spectroscopy. *One three-hour laboratory per week.*

Pre- or Corequisite: CHEM 201

CHEM 203
Computational Chemistry

Three credits LA

This course is intended to introduce students to the theory and application of a wide range of computational chemistry techniques. In the process, students will learn how the models are created and how they work (computer programming and operating systems), when they are reliable, and when they break down. Fulfills technology-intensive core requirement. Two lectures per week.

Prerequisites: CHEM 111-112, CHEM 115-116, MATH 241 as pre- or corequisite

CHEM 211-212
Organic Chemistry I-II

Three Credits each LA

This is a two-semester introductory course in organic chemistry. CHEM 211-212 is designed to provide the student with a thorough understanding of the structures, properties, and reactions of organic molecules. The topics of stereochemistry, stability, spectroscopic analysis, reaction mechanisms, and multistep synthesis are emphasized throughout the course. *Two lectures plus one recitation per week.*

Prerequisites: Grade of C or higher in CHEM 111-112 and CHEM 115-116; successful completion of CHEM 211 is a prerequisite for CHEM 212

CHEM 215-216
Organic Chemistry Laboratory I-II

One Credit each LA

This is a two-semester laboratory course designed to accompany the year-long organic chemistry lecture course (CHEM 211-212) that provides students with hands-on experience. Students will learn a variety of important organic chemistry laboratory techniques in the context of purification and purity assessment, and these techniques are integrated into future labs of increasing complexity. Students will carry out selected reactions studied in lecture, with an emphasis on the purification and characterization of products. Scientific writing is emphasized throughout. *Three-hour laboratory per week.*

Prerequisite: CHEM 215 (for CHEM 216)

Corequisite: CHEM 211 (for CHEM 215); CHEM 212 (for CHEM 216)

CHEM 301
Principles of Biochemistry

Three Credits LA

A one-semester course designed for life science majors requiring only one semester of biochemistry. We will cover concepts including pH, biological buffers, bioenergetics, nucleotides, amino acids, proteins, enzymes, carbohydrates, lipids, metabolism, and molecular biology. This course does not count towards the Chemistry or Biochemistry major.

Prerequisite: CHEM 201 or CHEM 211-212

CHEM 302
Principles of Biochemistry Laboratory

One Credit LA

A laboratory course designed to expose students to basic biochemical techniques. Topics include analysis of amino acids and carbohydrates, as well as enzyme

assay, protein purification, and electrophoresis. This course does not count towards the Chemistry or Biochemistry major.

Prerequisite: CHEM 202 or CHEM 215-216

Corequisite: CHEM 301

CHEM 309

Environmental Chemistry Laboratory

One Credit LA

A laboratory course designed to provide the student with experience using the standard instrumentation involved in chemical analysis of the environment. The instrumental techniques used include UV/Visible spectrophotometry, flame and furnace atomic absorption spectrophotometry, and gas chromatography.

Prerequisites: CHEM 111-112, CHEM 115-116, and CHEM 202 or CHEM 215-216

Corequisite: CHEM 310

CHEM 310

Environmental Chemistry

Three Credits LA

This course includes detailed coverage of water, soil, and air environments. It is designed to provide the student with an understanding of the reactions, transports, and effects of naturally occurring chemical systems. The major anthropogenic pollutants and their effects upon the environment will also be studied. *Two lectures per week.* Offered when sufficient student demand exists.

Prerequisite: CHEM 201 or 211

CHEM 355

Analytical Chemistry

Four Credits LA

An introduction to the theory and application of analytical chemistry. The course will introduce concepts of sampling, sample preparation, classical and instrumental methods of analysis, statistical analysis of data, and communication skills. The theory of analytical methods will apply and extend general chemistry knowledge while instrumental methods and concepts will be introduced. The laboratory component will focus on good laboratory techniques, achievement of good accuracy and precision, correct procedure for maintaining a notebook, data analysis, and communication of results. *Two lectures plus one three-hour laboratory per week.*

Prerequisites: CHEM 111-112 and CHEM 115-116

CHEM 361

Thermodynamics & Kinetics

Three Credits LA

Treatment of the laws of thermodynamics and the thermodynamic state functions. Application of thermodynamic principles to chemical systems. Methods of analysis and interpretation of chemical kinetic data, and a study of reaction mechanisms and elementary kinetic theories. Some special topics like computational reaction dynamics, surface properties of materials, etc. *Two lectures per week.*

Prerequisites: CHEM 111-112 and CHEM 115-116, PHYS 211-212, or permission of instructor

Pre- or Corequisite: MATH 242

CHEM 362

Quantum & Statistical Mechanics

Three Credits LA

An examination of the transition from classical to wave mechanics and a treatment of the postulates of wave mechanics and their application to simple systems. Wave mechanical studies of atomic and molecular structures, spectra, and photochemical processes. Some special topics like computational chemistry, solid-state chemistry, etc. *Three-hour lecture per week.*

Prerequisites: CHEM 111-112 and CHEM 115-116, PHYS 211-212, or permission of instructor

Pre- or Corequisite: MATH 242

CHEM 365

Experimental Physical Chemistry: Thermodynamics & Kinetics

One Credit LA

Application of the theoretical ideas presented in CHEM 361 in the laboratory. This half-semester course focuses on experimental determination of physical properties such as heat capacity and reaction rates. Emphasis on written and oral presentation of ideas. *One four-hour laboratory per week.*

Pre- or Corequisite: CHEM 361

CHEM 366

Experimental Physical Chemistry: Quantum & Statistical Mechanics

One Credit LA

Application of the theoretical ideas presented in CHEM 362 in the laboratory. This half-semester course focuses on spectroscopic and computational determination of quantum mechanical properties of small molecules. Emphasis on written and oral presentation of ideas. *One four-hour laboratory per week.*

Pre- or Corequisite: CHEM 362

CHEM 420

Biochemistry I

Three Credits LA

A study of the structure and function of molecules of biological significance, intermediary metabolism, the role of enzymes, and of the biochemistry storage, replication, and transmission of genetic information. *Two lectures per week.*

Prerequisites: CHEM 211-212

Recommended: BIOL 130-131

CHEM 421

Biochemistry II

Three Credits LA

Continued consideration of metabolism and the biochemistry of genetic information. Discussion of selected topics, including mechanisms of membrane transport, hormone action, and neurotransmission. *Two lectures per week.*

Prerequisite: CHEM 420

CHEM 423

Biochemistry Laboratory I

One Credit LA

A laboratory course designed to expose students to basic biochemical techniques. Topics include the analysis of amino acids, carbohydrates, and lipids, as well as enzyme assay, protein purification, and electrophoresis. *One three-hour laboratory per week.*

Prerequisites: CHEM 211-212-215-216

Corequisite: CHEM 421

CHEM 424

Biochemistry Laboratory II

One Credit LA

A laboratory course, continued from CHEM 423, designed to expose students to basic biochemical techniques. Topics include cellular metabolism, proton transport, nucleic acid composition and manipulation, advanced aspects of protein purification, and characterization and application of on-line biochemistry resources. *One three-hour laboratory per week.*

Prerequisites: CHEM 420 and CHEM 423

Corequisite: CHEM 421

CHEM 430

Advanced Inorganic Chemistry

Three Credits LA

An advanced treatment of special topics in inorganic and transition metal chemistry. *Two lectures per week.*

Prerequisites: CHEM 361-362 or permission of instructor

CHEM 431

Advanced Inorganic Chemistry Laboratory

Two Credits LA

This laboratory course will provide experience with the synthesis and characterization of inorganic compounds, as well as the study of how

organometallic compounds can be used in organic synthesis. In the process, a variety of advanced laboratory techniques will be explored and hands-on experience with modern instrumentation will be obtained. *One four-hour laboratory per week.*

Prerequisites: CHEM 365-366

CHEM 440

Advanced Organic Chemistry

Three Credits LA

This course is designed to give students in-depth experience with a variety of selected topics in organic chemistry, building off a solid foundation gained in CHEM 211-212. The focus will be on organic synthesis (modern methodology, multistep synthesis, and retrosynthetic analysis), reaction mechanisms, and structure determination by spectroscopic methods. *Two lectures per week.*

Prerequisites: CHEM 211-212

CHEM 460

Polymer Chemistry

Three Credits LA

This course demonstrates to the student how to apply the basic principles of organic and physical chemistry to the understanding of the physical properties of polymers. This involves impressing upon the student the role that statistics and conformations of polymers plays in the correlation of molecular architecture and physical properties. *Two lectures per week.*

Prerequisites: CHEM 211-212

Pre- or Corequisite: CHEM 361

CHEM 474

Research Methods in Chemistry I (Capping)

Four credits LA

This course serves as the capping course for all chemistry and biochemistry majors. The course is an introduction to chemical research and the tools required for successfully conceiving, planning, and conducting a research project. Class sessions alternate between traditional classes and a group meeting format. Assignments emphasize writing, critical thinking and presentation skills as well as literature search strategies, critical evaluation of literature, experimental design, research ethics, and statistical data treatment. Two lectures plus one three-hour laboratory per week.

Prerequisites: CHEM 212, CHEM 216, and CHEM 355

CHEM 475

Research Methods in Chemistry II

Two Credits LA

During this course the student will perform independent research under the direction of faculty mentor(s). The preliminary proposal will be prepared and approved in CHEM 474. Part of the preparation will be an agreement with a faculty member to serve as mentor, a plan to obtain equipment and supplies, and a reasonable timetable for completion of work.

Prerequisite: CHEM 474

CHEM 476

Research Methods in Chemistry III

One Credit LA

During this course the student will write a paper and orally present the results from the independent research performed in CHEM 475. Each student will present the paper at Marist with the other course participants, and subject to available funds, will also be expected to present either a talk or a poster at an external undergraduate research forum.

Prerequisite: CHEM 475

CHINESE

CHIN 101-102

Elementary Chinese I & II

Three Credits each LA

The elements of basic Chinese (Mandarin) pronunciation, reading, and writing with an emphasis on communication. Through the language study, the student is introduced to the Chinese culture. Mastery of the tonal aspect of the language requires regular practice with audio and video materials through the Language

Center. This practice is a mandatory part of the homework. Closed to students from countries where Chinese is the official language. Offered annually.

CHIN 105-106

Intermediate Chinese I & II

Three Credits each LA

These courses provide further intermediate-level communication skills in spoken and written Mandarin while preparing students to function and communicate more effectively in Modern Standard Mandarin-speaking environments. Students also study strategies for decoding the Chinese language with linguistic overview of more structures and characteristics of Mandarin Chinese. The study of authentic texts and various aspects of Chinese society and culture will also be included. Closed to students from countries where Chinese is the official language. Offered annually when there is sufficient student interest.

COMMUNICATION

COM 101

Public Presentation

Three Credits LA

An introduction to the preparation, presentation, and evaluation of basic speech experiences for small groups, meetings, and mass audiences. The integration of content, physical performance, and presentation technology is stressed. This course employs peer and, ultimately, instructor evaluations that are based on organization of ideas, development and support of a thesis, verbal and visual aesthetics, and platform performance. Offered in fall and spring.

COM 102

Introduction to Communication

Three Credits LA

This course surveys the theories of communication relevant to all contexts – from conversations between friends and family to presidential town halls on the Internet. It introduces students to essential concepts and fundamental theories that describe the process, function, natures, and effects of communication. Offered in fall and spring.

COM 103

Digital Toolbox

Three Credits LA

Dual listed as MDIA 103

This course provides essential skills in digital media applications including developing text, still and moving images, information graphics, and audio files for Web-based presentation for a wide range of communication professions and serves as a foundation for more advanced courses involving Web-based production. Offered in fall and spring.

COM 107, COM 207, COM 307, COM 407

Special Topics in Communication

Three Credits each LA

Identifies and explores a topic or theme in communication not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered as and when necessary.

COM 200

Communication Research: Strategies and Methods

Three Credits LA

This course introduces students to the practice of communication research in academic and applied settings. The emphasis will be on how to identify, evaluate, and apply research findings to communication needs. It grounds students in fundamentals of research design and strategy, data gathering, and analysis for a variety of qualitative and quantitative communication research methodologies. Offered in fall and spring.

Prerequisite: COM 102

COM 203

Interpersonal Communication

Three Credits LA

An examination of the ways in which people communicate through verbal and nonverbal symbols, the processes by which the receiver interprets messages,

the effects of communication upon relationships, and the environmental and cultural conditions that affect communication. Intrapersonal and interpersonal communication are studied to help the student improve his or her own skills and to provide a foundation in basic communication theory. Offered in fall.

Prerequisite: Sophomore standing

COM 204

Argumentation and Debate

Three Credits LA

A student enrolled in this class will learn how to formulate and analyze propositions, develop and conduct strategies for research, organize and analyze arguments, prepare cases, and evaluate support for arguments. Students will also learn techniques for the presentation of arguments in formal contexts and techniques for cross-examination. Offered as and when necessary.

COM 211

Fundamentals of Public Relations Theory & Practice

Three Credits LA

This course is designed to help students develop an understanding of public relations from a theoretical and a strategic management perspective. Specifically, the course will help students trace the history and development of the field; critically assess the role of public relations in modern societies; develop an understanding of theoretical concepts and practical techniques of public relations in interpersonal and organizational communication; and evaluate the relationships between public relations, journalism, advertising, marketing, and other communication disciplines in modern societies. Offered in fall and spring.

Prerequisite: COM 102

COM 212

Public Relations Writing Tools

Three Credits LA

This course introduces students to the theory, strategy and practical writing skills associated with entry-level public relations practice. Students will be exposed to different forms and styles of public relations writing and how these communication activities are guided by theory. Students will also gain an understanding of message development, placement and evaluation, particularly as they relate to various communication media. By the end of this course, students will have created a portfolio of professional writing samples. Offered in fall and spring.

Prerequisite: COM 102

COM 220

Principles of Strategic Advertising

Three Credits LA

This course is designed to educate students about the evolving field of strategic advertising. As the foundation course for the concentration, it combines practical application with the strong theoretical underpinnings that inform and guide practice. Specifically, this course will help students understand how advertising has evolved throughout history and its current role in integrated marketing communication (IMC). In addition, students will explore the key elements involved in developing successful strategic advertising campaigns through hands-on projects and activities. Lastly, students will learn the critical management skills needed to succeed in this field, such as project management, client service and expository/persuasive business communication. Offered in fall and spring.

Prerequisite: *Writing for College, Sophomore Standing*

COM 236

News Editing

Three Credits LA

This course introduces students to the principles and practice of editing for both print and digital formats. Students will learn to improve copy by strengthening writing clarity, cohesion, and organization. They will learn to write headlines and news photo cutlines, to design and lay out pages, and to use typography effectively. Offered in spring and as necessary.

Prerequisite: COM 242. May be taken concurrently with COM 103.

COM 242

Introduction to Journalism

Three Credits LA

The purpose of this course is to develop an understanding of the philosophy, purpose, and function of news media in a democratic society. Students will be introduced to a range of core themes, including identifying story ideas, researching information, evaluating sources, interviewing, writing, and editing. Students will also be introduced to the fundamental ethical and legal concepts that underpin newswriting. Offered in fall and spring.

Prerequisites: ENG 120 or ENG 117, COM 102, and sophomore standing.

COM 243

Journalism Skills

Three Credits LA

This course introduces students to the tools and skills needed to engage in quality journalism with audio and video in broadcast and multimedia environments. Emphasis is in mastering technical and aesthetic aspects of digital media. This course is ultimately intended to give students the technical ability to engage in citizen or one-man-band journalism, in which the journalist acts as reporter, videographer, editor, and publisher, as well as give students insight into what they may expect as entry-level employees in the "real world."

Prerequisite: COM 103

COM 260

Sport, Culture, and Communication

Three Credits LA

Examines the vital role of sport in communicating cultural norms and values in society. First, the history of the cultural importance of sport will be examined. Subsequent course work will allow students to take a critical look at the role of sport in society. Topics covered range from sport and race to the nationalistic function of sport. Speakers from various disciplines will help underscore the vast societal impact of sport. Offered in fall.

Prerequisites: Sophomore standing and COM 102

COM 285

Broadcasting

Three Credits LA

Introduces the student to the forms, functions, and contents of radio and television in society. The historical contributions, the social implications, the entertainment value, and the regulatory limitations on broadcasting as an industry and public service are all investigated. Contemporary research issues and the impact of new technologies are discussed. Offered as and when necessary.

Prerequisite: Sophomore standing

COM 300

Mass Communication Law

Three Credits LA

This course will review major legal issues affecting mass communication. Issues discussed will include the following: First Amendment freedoms, libel/slander, rights of privacy and the media, the conflict between free-press and fair-trial considerations, obscenity, regulations specifically relating to broadcasting and the Federal Communication Commission, regulations specifically relating to advertising, and copyright laws. Major cases pertinent to each topic will be studied in an attempt to help the student understand why the law is as it is. Ethical considerations will be discussed throughout the course. Offered as necessary.

COM 301

Small Group Communication

Three Credits LA

An investigation of the theories and processes of communication within small groups. Students work in small groups to integrate theory with experience. Offered in spring.

Prerequisite: COM 203

COM 302

Persuasion

Three Credits LA

A study of contemporary theories of persuasive message design in mediated and interpersonal contexts. The course examines the roles played by language, culture, message content, and media in persuasion. Students analyze a variety

of persuasive artifacts, learn how to detect deception, and learn how to construct effective persuasive messages. Offered in spring.

Prerequisite: ENG 120 or ENG 117

COM 304, COM 402

Seminar in Communication

Three Credits each LA

Advanced study in communication. Offered as and when necessary.

COM 305, COM 403

Independent Research in Communication

Three Credits each LA

Directed independent study and research under the supervision of a faculty member. Offered as and when necessary.

Prerequisites: Permission of instructor and Dean

COM 306, COM 308, COM 309

Internship in Communication

One, Three, or Six Credits each

Designed to be a professional work-related experience. Provides the student with a practical, hands-on opportunity to apply theory in a professional work setting. Seminar meetings afford students a chance to critically examine the relationship between theory and practice. Successful students will enhance their knowledge of communication theory and skills in a real-life atmosphere under the supervision of practicing professionals in advertising, journalism, multimedia, public relations, radio, television, and film. Offered in fall, spring, and summer. NOTE: Internships carry general elective credit and may not be used to fulfill communication elective requirements.

Prerequisites: Junior standing and permission of Internship Director; CRDV 100N

COM 314

Media Strategy

Three Credits LA

This course will focus on using traditional and new media to develop successful media strategies for all stages of the customer relationship cycle. Students explore media usage habits — what media consumers are using and how they use it — to provide guidance on the best ways to reach and dialogue with new and existing customers. Students learn techniques for developing, measuring and improving multi-touch communications strategies for acquiring new customers, retaining existing customers, encouraging repeat purchases and building long-term, profitable relationships. Offered in fall and spring.

Prerequisite: COM 102, and either COM 324 or COM 333

COM 322

Newswriting

Three Credits LA

This course will expand student skills in news reporting and writing. Assignments will provide practice in gathering news, evaluating information, and reporting on more complex issues. Newswriting in this course will move beyond the inverted pyramid style. Students will develop an understanding of the beat system and will practice writing a variety of news feature and analysis stories across multi-media platforms. Offered in fall.

Prerequisites: COM 242, COM 103, and sophomore standing

COM 323

Public Affairs Reporting

Three Credits LA

This course will focus on advanced and specialized public affairs and issues news reporting. Employing sophisticated methods, including public records searches, computer-assisted reporting and archival research, students will develop and polish their reporting and gain a greater understanding of how news is constructed in relation to institutions and people in public life. Offered in spring.

Prerequisites: COM 236, COM 322, and sophomore standing

COM 324

Research and Consumer Insight

Three Credits LA

This course educates students about the function of agency Account Planners. Students learn to uncover and utilize significant consumer insights to develop

effective marketing and integrated communication strategies. Students will delve beyond consumer functional needs to understand the consumer's deeper needs. They will learn research techniques that will allow them to probe deeply into consumer motivations and desires. The student will learn how to probe and better understand consumer behavior, using relevant theories in this study of decision making. By the conclusion of class, each student will create and administer an original piece of consumer research, progressing from development through evaluation transforming researching consumer insights into consumer-focused strategy. Offered in fall and spring.

Prerequisite: COM102 and COM 220

COM 325

Intercultural Communication

Three Credits LA

Intercultural Communication provides an overview of the study of communication and culture. Both intracultural (i.e., communication between members of the same culture) and intercultural (i.e., communication between members of different cultures) aspects of communication will be examined. The focus will be upon isolating similarities and differences in intracultural and intercultural communication. Areas studied will include increasing understanding of the relationship between communication and culture; explaining the role of cultural patterns; verbal and nonverbal codes in the development of intercultural relationships; and explaining obstacles. Offered in fall and spring.

Prerequisite: Junior standing

COM 327

Magazine writing

Three Credits LA

This course will explore the techniques used in writing feature articles for magazines. Students will read and write extensively, and practice such writing concepts as voice, tone, character building, dialog, and pacing. Emphasis will be placed on writing for a specific audience and the skills of idea generation and pitch writing, with attention to journalistic ethics. Offered in fall.

Prerequisites: COM 242, COM 103, and sophomore standing

COM 328

Magazine Layout and Design

Three Credits

Students will focus on the graphic design and typography issues involved in magazine layout. Students will explore the skills needed to create continuity and variety across a range of pages, present different kinds of information in context-appropriate formats, and develop brand identity and continuity. Students will practice the professional computer design skills needed for page layout and image manipulation. Students will develop a series of professional portfolio pieces including feature layouts, news section layouts and information graphics. Offered in fall.

Prerequisites: COM 242, COM 103, and sophomore standing

COM 329

Creative Problem Solving

Three Credits LA

This course teaches students to use strategic planning and the theories of consumer behavior to creatively solve strategic communication problems through words and images. Students will learn to recognize the insights needed to go from strategy to ideas; to recognize an idea that is a solution to a problem; to evaluate the execution of the idea and its potential value in solving the problem; and, using that evaluation, to formulate new and better ideas, executions and campaigns. By the end of this course, students create a beginner's portfolio of integrated advertising communication. Offered in fall and spring.

Prerequisite: COM 102, COM 103, COM220, and COM 324

COM 330

Communication Ethics

Three Credits LA

This course addresses the moral uses of communication. It covers the methods of systematic critical evaluation of communications and different philosophical grounds for evaluating the ethics of communication. The resultant framework of ethical values and methods of evaluation is then applied to cases of communication in the following settings: personal relationships; professional

relationships; broadcast and print news; computer-information networks; public-relations programs; political campaigns; and the popular entertainment arts of books, music, films, and television. Offered as and when necessary.

Prerequisites: Junior standing, PHIL 300 or PHIL 200

COM 331

Broadcast News Writing

Three Credits LA

This course introduces students to newswriting for radio, television and other audio-visual media. Students will explore and analyze a range of current radio and television newscasts. They will learn to write for the ear and to pair words and pictures effectively. They will learn to select and interview sources for broadcast. Students will also explore the ethical and legal questions unique to these media. Offered in fall.

Prerequisites: COM 242, COM 103, and sophomore standing

COM 332

Producing the Newscast

Three Credits

Students will learn how to produce broadcast news packages and stories, exploring both studio and field production. They will learn to recognize and conceptualize professional quality audio and visual news stories, to plan a comprehensive newscast and to write a logical line-up of stories. They will gain experience in reporting on live events and interviews. Offered in spring.

Prerequisites: COM 331, COM 103, and sophomore standing

COM 333

Applied Research and Analytics

Three Credits LA

Students will acquire an understanding of the major approaches informing the study of audience segmentation and analysis. In so doing they will identify the relationship between theory and applied research focusing on academic and professional strategic communication research. Students will also explore the impact of opinions and attitudes on communication messaging and interpretation, and develop the ability to evaluate, analyze, interpret, and present research findings in a theoretically grounded approach to strategic communication. Offered in fall and spring.

Prerequisites: COM 211, COM 200 and sophomore standing or with permission of instructor

COM 341

Press in America

Three Credits LA

This course offers an in-depth examination of the news media and their effect on American society. The course is divided into three sections: The First Amendment and the philosophical roots of freedom of expression; contemporary issues involving press ethics, law, media technology, and economics; and the history of the press in America. Both print and broadcast media are studied. Offered as necessary.

Prerequisite: Sophomore standing

COM 342

Readings in Journalism

Three Credits LA

This course is designed to enhance the student's ability to understand and critically evaluate the news media through a series of readings, including exemplary literary reporting, scholarly and theoretical articles about journalism, press criticism and notable legal decisions pertaining to the press. Students will learn to become critical consumers of the news and be able to understand the role of the press in society.

COM 345

Photojournalism

Three Credits LA

This course offers an introduction to photojournalism, with training in digital news photography and editing. The course provides experience in shooting and editing news photos, for both digital and online formats. Discussion of

appropriate ethical practices in handling digital photos will be covered. Offered in spring.

Prerequisites: COM 242, COM 103, and sophomore standing

COM 346

Radio News I

Three Credits LA

Radio News I is a hands-on course in using sound to convey story. Students will research, record, write, report, edit and mix a variety of short-form radio pieces in the styles of public radio. Selected work will air on the Marist College radio station. The class will culminate in the production of a half-hour radio news magazine. Offered as and when necessary.

Prerequisite: COM 241

COM 347

Reputation and Relationship Management

Three Credits LA

This seminar course introduces students to a growing and increasingly important practice area within the public relations profession. Students will gain an understanding of the theoretical perspectives related to environmental scanning/surveillance and the strategic management of events, trends and issues as well as their impact on an organization's relationships with key stakeholder groups. In addition, students will apply theory to practice by learning how to make, justify and assess the impact of organizational decisions on corporate image, reputation and trust. Offered in fall.

Prerequisite: COM 211

COM 348

Integrated Strategies, Tactics, and Stakeholders

Three Credits LA

The aim of this course is to focus on organizations' engagement with customers and other stakeholders as part of a cross-functional communication strategy. Students will examine the relationship between the messages that organizations can (and do) use, situation and critical stakeholders—often with competing and mutually exclusive interests—that an organization speaks to when managing situations ranging from routine to crisis. Students will develop a strong knowledge of the current theory and research in strategic stakeholder communication and engage in a project to apply this knowledge. Offered in fall.

Prerequisite: COM 211

COM 350

Sex and the Media

Three Credits LA

This course explores the prevalence and roles of sexual content in modern media. Students will gain an understanding of the roles, functions, and effects of sex in the media as well as the historical context and societal debates surrounding sexual content. The media will be analyzed both empirically and critically. Offered as and when necessary.

Prerequisite: Junior standing

COM 354

Visual Storytelling

Three Credits

Storytelling is the main focus of advertising. What better way to make an idea stick than by creatively combining visuals that have impact and elicit emotion. Through this course, students will understand how to develop compelling targeted strategic narratives using visuals that clearly and emotionally communicate a creative idea. Students will learn how to write and execute from a creative brief and will focus on formulating effective ideas to communicate the brand message through new media, nontraditional and traditional media. The course begins with understanding the conceptualization process, moves through design, and ends with a beginner's portfolio of visually effective advertising. Offered in fall.

Prerequisite: COM 329

COM 365

Issues in Sports Media

Three Credits LA

Will address critical issues in sports media and examine various types of sports media. Students will discuss the differences between sport and mediated sport and the symbiotic relationship between sport and media. Reviews different

areas of the sports communication industry, the functions of the different media personnel, and the societal effects and impact of sports media and ethics on the industry. Offered in spring.

Prerequisites: COM 260, and sophomore standing

COM 400

Gender, Culture and Communication

Three Credits LA

This course explores the dynamics between gender, communication, and culture in today's society. Areas studied will include the following: how communication creates and perpetuates gender roles; how human behavior reflects socially created gender roles; how people can act and communicate to improve their individual and collective lives in terms of gender roles. This is an experiential course in which students will connect theory and research with their own lives. Offered in fall and spring.

Prerequisite: Junior standing

COM 401

Communication Capping

Three Credits LA

A capping course required of all Senior Communication Majors. The capping course brings coherence to a student's experience in the major by creating connections among the various sub-fields in which students have specialized, and it reinforces connections between the communication major, the student's cognate, and the student's experience in the Core. Offered in fall and spring.

Prerequisite: Senior standing, COM 200

COM 406, COM 408, COM 409

Advanced Internship in Communication

Nine, Twelve, or Fourteen Credits each

A professionally oriented seminar in which the student spends a part- or full-time apprenticeship learning and contributing to the operation of a communication-related facility. Completion of major requirements, course prerequisites, departmental screening, and clearance by the facility involved are necessary for participation in the seminar. The student is evaluated at the end of the semester by a facility supervisor and a faculty member who periodically visits the newspaper, radio or TV station, advertising agency, industrial or educational complex, or any other related facility where the student spends the senior seminar. Offered in fall, spring, and summer.

NOTE: Internships carry general elective credit and may not be used to fulfill requirements for the major.

Prerequisites: Permission of internship director, CRDV 100N

COM 410

Advanced Copywriting

Three Credits LA

A professionally oriented class designed to build on the knowledge and skills already acquired in introductory courses in advertising. A prerequisite for this course is a working knowledge of both marketing and advertising strategies. In this course the emphasis will be on the advanced problem-solving processes, techniques, and copywriting skills necessary for creating superior advertising campaigns. Students in this course participate in theoretical, as well as practical, illustrative solutions to complex problems typical in the world of advertising. A portfolio of advertising campaigns is prepared by each student. Offered in fall and spring.

Prerequisites: COM 110, COM 210, and COM 310

COM 412

Advertising Research

Three Credits LA

This course explains the basic concepts of media research. It includes the planning of advertising measurement and methodologies for measuring advertising campaigns and messages. Recognition tests, recall and association tests, opinion and attitude ratings, projectile methods, laboratory testing, and analysis of content are each explained and studied. Research applications focus mainly, but not entirely, on audiences of the mass media including electronic and print media. Theme Research, Selected Target Audiences, Copy Research,

Advertising Frequency Studies, Media Research, and Budget Research are topics considered in the course. Offered as and when necessary.

Prerequisites: COM 110, and COM 210

COM 358

Digital, Direct & Database Advertising

Three Credits LA

This course is designed to educate students on the critical components of digital, direct, and database advertising in order to develop successful advertising campaigns that will lead to ongoing product purchases and long-term, profitable customer relationships. Specifically, the course covers using data to develop effective one-to-one advertising campaigns that reach the "right person," at the "right time" with the "right message" and in the "right way." It includes customer segmentation analysis, customized value propositions, offers, messaging, media strategy, metrics/measurement and campaign response and budget analysis. Offered in fall and spring.

Prerequisite: COM 329 (Creative Problem Solving) and COM 314 (Media Strategy)

COM 418

Communication Campaign Management

Three Credits LA

This course requires students to develop and apply research-based strategic planning to communication campaigns. This includes conducting research; setting appropriate goals and objectives; identifying relevant publics; constructing messages, tactics, and communication channels that are appropriate for each public; and using measurement and evaluation criteria to assess campaign outcomes. Students will also demonstrate proficiency in writing strategic communication campaign proposals. Offered in fall and spring.

Prerequisites: COM 211, COM 212, and COM 333

COM 419

Case Studies in Public Relations Management

Three Credits LA

This course employs research and analysis of contemporary cases to expose students to the theory and practice of public relations management. Students will learn how to recognize, understand and deliver on various target audience needs as well as apply lessons learned to various public relations scenarios. Offered in spring.

Prerequisites: COM 211, COM 212, and COM 333

COM 420

Advanced Public Presentations

Three Credits LA

This course builds on the basic public presentation skills students have already acquired. It is designed to facilitate an advanced understanding of techniques (e.g., defusing a hostile audience, advanced delivery aspects, etc.), strategies (advanced persuasion formats), and tools (e.g., humor, PowerPoint, video-assisted feedback, etc.) that are often used in professional communication situations. Offered in fall.

Prerequisite: COM 101

COM 422

Case Studies in Integrated Communication

Three Credits LA

This course begins with an examination of the theoretical perspectives linking aspects of persuasion with written and visual messages. Students will analyze and evaluate examples of communication campaigns. Students will also consider the effective use of written and visual appeals for stakeholders and produce their own professional work in digital, print, and face-to-face contexts. Students will be expected to develop a portfolio including both written and visual elements. Offered in spring.

Prerequisites: COM 211, COM 212, and COM 333

COM 423

Strategic Advertising Campaign Development

Three Credits LA

This course requires students to utilize the skills and knowledge they have acquired in their previous advertising courses to develop an insights driven, multi-

media, integrated advertising campaign. This will include conducting primary and secondary research to determine and analyze the ideal target audience and uncover the key customer insight. It also involves creating a big campaign idea and multi-media integrated strategy based on the customer insight. Lastly students will develop a measurable media strategy and all the creative elements for the campaign. Offered in fall and spring
Prerequisite: COM 424 or COM 358 or COM 354.

COM 424

Branding

Three Credits LA

This course requires students to develop and apply research-based strategic planning to the development of new customer-driven brands. This process involves examining the principles of consumer and shopper behavior and exploring the impact of current consumer trends on new and existing brands. Students will use primary and secondary consumer research to further develop a new customer-focused brand. To conclude the class, students will develop multiple integrated communications campaigns designed to launch the brand, acquire customers and develop long-term, profitable relationships. Offered in the spring.

Prerequisite: COM 329 and COM 314

COM 425

Communication Theory

Three Credits LA

This course is an in-depth look into how theorists have conceptualized the communication process. It focuses on comparing, contrasting, and evaluating different theoretical and philosophical approaches. Students will apply theories to analyze communication phenomena in detail. Offered in spring.

Prerequisites: COM 102, and COM 200

COM 440

Advocacy Journalism

Three Credits LA

Through a series of readings, students will examine the historical and political roles of advocacy journalism in the United States. They will compare this unconventional communication vehicle to conventional journalism. In the process, students will become advocates for individual causes and will engage in extensive reporting, research, and writing on these topics. These articles will eventually be published in an electronic magazine. Offered as and when necessary.

Prerequisite: COM 322, COM 327, or COM 331

COM 444

Specialized Journalism

Three Credits LA

This course is designed to provide deeper reporting experiences, focused on a particular area of reporting, enabling the student to more fully explore the typical problems encountered in reporting that field and to become familiar with the resources available. The specific field covered will change each semester, among such topics as Science Reporting, Religion Reporting, Economic Reporting, and Arts, Entertainment and Fashion Reporting. Offered as and when necessary.

Prerequisites: COM 242, and junior standing

COM 445

Sports Reporting

Three Credits LA

This course is designed to broaden and deepen a student's understanding of sports reporting and to sharpen and develop the student's writing skills. It also recognizes that today's sports reporters must cover more than scores and games and find the stories beyond the games. Personalities, social and economic forces, labor-management conflicts, legal and ethical concerns, and fan behavior are all part of the sports reporter's beat. Students will cover sporting events and write feature and sidebar stories and columns. They will follow national and local sports stories and analyze examples of professional sports writing. In addition, students will be required to become familiar with the field of sports-information directing and its intricacies. Offered in fall.

Prerequisites: COM 242, and junior standing

COM 446

Radio News II

Three Credits LA

For the student familiar with the basics of story-based radio reporting, this course offers an opportunity to expand skills. Using National Public Radio as a model, students will research, write, report and produce pieces ranging from short news spots to longer form documentaries. Offered as and when necessary.

Prerequisite: COM 346

COM 448

Sports Broadcasting

Three Credits LA

Students learn about various aspects of sports broadcasting, ranging from radio to TV to various new technologies. Primary focus is on writing game reports for sports news. This course will also review techniques for play-by-play analysis. Students will help broadcast Marist games as part of the course. Offered in spring.

Prerequisites: COM 260, and junior standing

COM 460

Sports Public Relations

Three Credits LA

Students learn about various components of sports PR, ranging from school athletic administration to event promotion and management. The class involves several major assignments, including hosting a press conference, writing a media guide, and creating sponsorship proposals. For their final project, students (in groups) plan, promote, and execute a sporting event. Offered in spring.

Prerequisites: COM 260, and junior standing

COM 464

Journalism Praxis

Three Credits LA

Students will bring their research, reporting, and writing skills to one or more of the community organizations that cooperate in the Marist Praxis program. Students will write about under-reported problems and/or disempowered segments of the community. In addition to producing news and feature stories, students will record their critical reflections in personal journals. Offered as necessary.

Prerequisites: ENG 120 or 117, and Junior standing

*This course is designed to qualify for the Public Praxis minor.

COM 465

Alternative Journalism

Three Credits LA

This course introduces students to critiques of the mainstream American news media and to a range of theories of the press and its role in society. Students will explore alternative news media – comparing their history, financing, political orientations, and news products to those of mainstream media. Students will be invited to broaden their own sources of information and to develop their own approaches to critical analysis of news reports. Offered as necessary.

Prerequisite: Junior standing or permission of instructor

COM 466

Journalism Workshop

Three Credits LA

This course will offer practice in advanced print, online and/or broadcast reporting and storytelling, and experience with broadcast equipment, layout and design software and online content management systems. Students will work individually and in groups, producing professional quality in-depth journalism in a variety of formats, including broadcast and online video and audio; print or digital news formats; and print and digital magazines. Journalistic forms including stories, blogs, podcasts, slide shows, graphics and more will accompany this work. Students will be encouraged to look ahead at how their skill can be put to use in the print, online, mobile and/or broadcast world of the future.

Prerequisites: COM 236 or COM 322 or COM 327 or COM 331 and COM 328 or COM 332 or COM 345

COM 488

Comparative Communication Systems

Three Credits LA

Foreign press, broadcasting and film, control and support; reflection of political systems, economic and social development; their function in formulating public opinion and national policy. Offered biennially.

Prerequisite: Junior standing

COMPUTING TECHNOLOGY

CMPT 103

Technology for the 21st Century

Three Credits LA

This hands-on course will provide students with an overview of the types of information resources found in libraries and with a working knowledge of the electronic resources available in the Marist College Library. In addition, information available via the Internet and the World Wide Web will be explored. Search techniques will be demonstrated and practiced. Critical thinking and evaluation of information resources will be emphasized throughout the course. The impact of the use and availability of information locally, nationally, and globally will be discussed. MLA and APA citation style will be used. Students will learn “when” and “why” to use computer skills as well as “how.” Students will develop information and computer literacy by applying various computer skills as part of the learning process.

CMPT 105

MS Excel

One Credit

An in-depth, primarily hands-on lab course during which students will learn to create and use spreadsheets. Building spreadsheets, using graphics, text enhancement, fonts, creating fonts and graphics, using built-in formulas, creating formulas, incorporating statistics, and a wide variety of other functions will be covered. Database and report generation will also be included.

CMPT 111

Game Studies Seminar

One Credit LA

The Game Studies Seminar is a one-credit course that surveys various topics related to video games and video game development. Different individuals including faculty and guest speakers deliver lectures on a variety of game topics including (but not necessarily limited to) computer science, physics, psychology, communications, art, multimedia, and business.

CMPT 120

Introduction to Programming

Four Credits LA

This course introduces students to problem solving with computer programming. Students will study some historical context for problem solving with programming while mastering introductory programming skills including but not limited to user interaction design, procedures, functions, scope, alternation, repetition, collections, and real-world modeling.

CMPT 130

Information Technology and Systems Concepts

Three Credits LA

This course establishes a foundation for the understanding of information systems in organizations. Applications and technologies are studied in relation to organization objectives. The student studies different types of systems such as MIS, DSS, EIS and basic applications such as Manufacturing, Finance, and Marketing. The student studies an overview of technology including hardware, software, Internet, World Wide Web, e-Commerce, database, and objects.

CMPT 220

Software Development I

Four Credits LA

This course builds on CMPT 120 to introduce our students to the art and science of software development. Students will study software development history

while mastering SD skills including but not limited to real-world modeling and multi-language software development.

Prerequisite: CMPT 120

CMPT 221

Software Development II

Four Credits LA

This course builds on CMPT 220 to continue our students’ progress towards true software craftsmanship. Students will study advanced concepts in software design and testing while developing skills including but not limited to the areas of advanced client-side programming, server-side programming, data integration, and thinking with portals.

Prerequisite: CMPT 220

CMPT 230

Software Systems and Analysis

Four Credits LA

This course establishes a foundation for the understanding of information systems in organizations and the methods used to analyze an organization’s information needs. Students who complete the course will have a working understanding of techniques for identifying requirements, clarifying and refining requirements, and process modeling, all within an object-oriented framework. Students will gain an understanding of the system development life cycle, systems analysts’ roles and responsibilities, and the interpersonal skills necessary to analyze business problems.

CMPT 300

Management Information Systems

Three Credits LA

This course establishes a foundation for the understanding of information systems in organizations. An identification and basic explanation of the systems point of view, the organization of a system, information flows, and the nature of information systems in organizations. The relationship between systems and information to organizational objectives is examined. Applications and technologies are studied in relation to organization objectives. The student studies different types of systems such as Management Information Systems, Decision Support Systems, Executive Information Systems, and Artificial Intelligence. Basic applications such as Manufacturing, Finance, and Marketing are also studied. Electronic Commerce, Internet business models, e-business, and the management of organizational transformations, driving the move toward digital firms, is examined. Team exercises and multiple case problems are used. Not available to CS or ITS majors.

Prerequisite: Junior standing or above

CMPT 305

Technology, Ethics, and Society

Three Credits LA

This course examines the influences of technology on society and the ethical dilemmas presented by technological advances. Students study major ethical theories to provide a framework for analyzing the impact of technology on current legal, social, economic, governmental, religious, and scientific activities.

CMPT 306

Data Communications and Networks

Four Credits

This course examines the concepts and mechanisms of wired and wireless data-, audio-, and video-transport systems. Network architecture, terminology, control, standards (OSI and TCP/IP models), and general topologies will be discussed. Current equipment and physical interconnections will be explored for a range of network services to support activities such as application development, distributed processing, operating information centers, and providing distance learning. Topics covered include an analysis of the problems and limitations imposed by the physical channel, wireless networks, comparative switching techniques, routing, congestion control, and higher-level protocols needed to complete the end-user to end-user connection.

CMPT 307

Internetworking

Four Credits

This course provides students with hands-on experience in setting up, configuring, and troubleshooting internetworks. It expands on and reinforces network concepts introduced in CMPT 306.

Co-requisite: CMPT 306

CMPT 308

Database Management

Four Credits

This course examines the theories and concepts employed in database management systems (DBMS). The function of various types of DBMS is described including their purpose, advantages, disadvantages, and applications in business. The course explores the following topics: DBMS architectures, data modeling, the relational model, database normalization, relational algebra, SQL, client/server systems, DB physical design, multiple user environments, database security. The students will work with a major DBMS to develop a database project.

Prerequisite: CMPT 220

CMPT 309

Project Management

3 credits LA

A fundamental comprehension of managing technical projects being necessary for today's modern IT professionals, this course examines the project management discipline with a focus on technical, information based, and computer programming related project topics. Students will learn project management techniques and how to create usable project documentation. They will practice oral presentation skills used for providing stakeholders with status updates, collaboration skills for use in team settings, and perform project management tasks with a model project. Topics will also include the study of risk identification, management, and mitigation, critical thinking and problem solving. Students who complete the class will understand project management tools and their use, project management certifications that are available to be attained, and comprehend the role project management plays in the IT/IS industry.

CMPT 312

UNIX

Four Credits

In this course, students learn the fundamentals of Unix operating systems. Core concepts include, but are not limited to: Unix software architecture, file system organization, file ownership & permissions, and the fork-exec process model. Frequent hands-on activities provide students the opportunity to develop fluency in essential Unix skills, such as shell programming and customization, advanced file search, archiving and compression, and use of text filters such as grep, sed, awk, and/or perl. Students successfully completing this course will have the necessary practical skills to operate effectively within any Unix environment. The course culminates in a comprehensive final exam modeled after an industry-standard Linux certification exam.

Prerequisite: CMPT 220

CMPT 315

Introduction to z/OS and Major Subsystems

Four Credits

This course introduces operating system and data processing concepts in the context of large system (or Enterprise) computing using a combination of active learning exercises and passive learning presentations. The course content covers modern hardware, operating system, and middleware functions and features. This includes hardware concepts such as virtualization, logical partitioning, multi-processing, and high performance I/O. The operating system concepts covered include virtual storage and memory management, workload management (batch and transactional) dispatching, job control language, security, networking, and other operating system functions. A brief introduction to z/OS UNIX is included as well. The course concludes with an overview of key middleware (transaction and database managers as well as messaging software) and their contribution to an overall hardware / software configuration needed to process large workloads.

CMPT 316

Introduction to z/OS Networking

Three Credits

This course will enable you to discuss mainframe data center issues with network administrators as an informed and active participant. The class is half theory and basic architecture, and half description of real-world mainframe network problems to be solved and the actual implementation of the solutions.

Prerequisite: CMPT 315

CMPT 317

Introduction to z/OS Security

Three Credits

This course develops the student's understanding of information security from a business implementation perspective. The basic concepts of security are explained, as well as how these concepts have been implemented on the System Z hardware and the Z/OS operating system and its components.

Prerequisite: CMPT 315

CMPT 321

Architecture of Hardware and Systems Software

Three Credits

This course introduces computer architecture, data representation, machine and assembly language, the fetch-execute cycle, and operating systems. It gives students a solid background in the hardware and software technologies that support business-information systems. The course emphasizes the relationships between hardware and systems software, emphasizing the support that hardware provides for today's multitasking/multiuser operating systems.

Prerequisite: CMPT 230

CMPT 330

System Design

Four Credits LA

This course discusses the processes, methods, techniques and tools that organizations use to determine how they should conduct their business, with a particular focus on how computer-based technologies can most effectively contribute to the way business is organized. The course covers articulating business requirements for the technology solution, specifying alternative approaches to acquiring the technology capabilities needed to address the business requirements, and specifying the requirements for the information systems solution in particular, in-house development, development from third-party providers, or purchased commercial-off-the-shelf (COTS) packages. This course provides an introduction to the field of human-computer interaction (HCI), an interdisciplinary field that integrates cognitive psychology, design, computer science and others. Examining the human factors associated with information systems provides the students with knowledge to understand what influences usability and acceptance of IS. This course will examine human performance, components of technology, methods and techniques used in design and evaluation of IS. Societal impacts of HCI such as accessibility will also be discussed. User-centered design methods will be introduced and evaluated. This course will also introduce students to the contemporary technologies used in empirical evaluation methods.

Prerequisite: CMPT 230

CMPT 331

Theory of Programming Languages

Three Credits LA

This course focuses on the organization of programming languages, the formal study of language specification and analysis, compilation versus interpretation, data and control structures. Offered every spring.

Prerequisite: CMPT 221

CMPT 333

Language Study

Four Credits

This course is designed to introduce the student to a programming language that is not a part of the regular Computer Science curriculum. Students learn about the syntax of the language as well as the software design paradigm associated with the language being taught.

Prerequisite: CMPT 221

CMPT 335

E-Commerce Development and Design

Three Credits

This course is an in-depth study of the design and implementation of e-commerce applications and solutions. Conducting business over the Internet—whether between a consumer and a business, two businesses, or among a consortia of businesses—reveals a diverse range of requirements. In this course we will examine state-of-the-art techniques to address e-commerce from the perspective of applications-systems architecture, application-programming models, system platforms, Web and Internet standards, the underlying technologies, and leading e-commerce application solution-development environments. Students will develop an e-commerce application solution as a term project.

Prerequisite: CMPT 221

CMPT 404

Artificial Intelligence

Three Credits LA

This course is an introduction to the major problems, techniques, and issues of artificial intelligence. Emphasis is placed upon the topics of knowledge representation and problem solving. The languages LISP or PROLOG will be used to illustrate various AI techniques. Offered every fall.

Prerequisite: CMPT 435

CMPT 410

System Administration and Management

Four Credits

This course is a survey of tools and techniques used in the administration of an internetworking computing environment. Included will be system installation, file systems and file and directory-permission structures, device configuration and management, and user-account administration. Also included will be service administration and security and privacy issues. Students completing this course have experience in administering an internetwork of computers with a variety of services, including file service, print service, remote-access service, application service, name service, ftp service, Web service, and others.

Prerequisite: CMPT 307

CMPT 412

Robotics

Three Credits

This is a hands-on course where the student will learn about robots and about several aspects related to robot design and programming. The course covers material related to mechanical design, issues related to planning and reasoning under uncertainties, and sensors and control. Students will apply the techniques learned in a real robot system, using the LEGO Mindstorm kit, and the NQC programming language.

Prerequisite: CMPT 221

CMPT 414

Game Design and Programming I

Four Credits

The objectives of this course are to introduce a disciplined, practical approach to computer game design and programming. The game design aspect focuses on interactive and interface design, world design, play mechanics and rules, and integration of visual and audio components. The game programming aspect focuses on game-specific 2D graphics, animation, physics simulations, algorithms, data structures, and libraries. The course is project-oriented and students working in small teams design and implement their own video games from a list of options.

Prerequisite: CMPT 221

CMPT 415

Game Design and Programming II

Four Credits

This course continues the study of video game design and programming, building on the techniques and methods developed in Game Design & Programming I. In particular, students learn to apply game engines and application program interfaces, strategic and behavioral artificial intelligence, and game optimization techniques for both space and time considerations. Design and programming issues for multiplayer on-line games are also covered, including event-based

and turn-based games. The course is project-oriented, and students design and implement their own video games from a list of options.

Prerequisite: CMPT 414

CMPT416

Introduction to Cybersecurity

Four credits

This course provides an introduction and overview of key concepts in cybersecurity for cloud and enterprise data centers. We provide a framework for understanding cybersecurity concepts based on the NIST cybersecurity lifecycle. Students will be introduced to core concepts including physical data center security, authentication, access control, identity management, secure software development principles and practice, cryptography, cloud security, compliance, and governance. Students will be introduced to a variety of common security attacks, including code injection, man-in-the-middle, phishing, buffer overflows, and adjacency attacks. Using a self-contained lab environment, isolated from the campus network and the Internet, students will be able to practice common hacks and defense strategies, and learn how to scan websites and cloud environments for security vulnerabilities. Practical examples of real world security breaches will be used as case studies to illustrate key concepts.

Prerequisites: CMPT 120, 306, and 307

CMPT 417

Hacking and Penetration Testing

Three credits

This course provides an examination of the landscape, key terms, and concepts that a security practitioner needs to understand in order to protect their data centers. Students will be introduced to best practices before, during, and after a cyberattack has taken place. The course provides a technical overview of hacking, including how attackers conduct surveillance to identify security weaknesses, foot-printing a targeted site, and the methodology hackers follow in exploiting known vulnerabilities. Students will gain experience designing a penetration test plan, implementing intrusion detection systems, and performing incident response with basic digital forensics. Ethical hacking and penetration testing tools will be described, with the aid of a secure, online virtual cloud lab environment where students can safely practice their skills.

Prerequisite: CMPT 416

CMPT 418

Mobile Security

Four credits

This course deals with security concerns in the rapidly evolving world of mobile and wireless devices, which are becoming the primary means of computing and communication for both the workplace and home. The course introduces fundamentals of wireless communication, including the evolution of wireless networking and its impact on the corporate data center. Students will explore the wireless network infrastructure, along with wireless LAN (WLAN) security threats and auditing tools. Students will gain experience with WLAN implementation, management, and countermeasures, fingerprinting mobile devices, and the unique challenges of implementing WLAN security policies. Hands-on experience will be provided using the Android mobile platform, along with virtual cloud security labs where students can safely experiment with different WLAN tools, risk assessments, standards, and security models.

Prerequisite: CMPT 416

CMPT 420

Internet Security

Four Credits

This course explores the wide range of security issues facing those who use and administer computer networks. Topics covered include basic cryptographic mechanisms, Public Key Infrastructure (PKI) for distributed security, security protocols, and current government initiatives impacting Internet security. Also covered are features of networks that support and enhance the PKI, such as virtual private networks, the secure sockets layer mechanism embedded in all browsers, and directory services. Included as well is the study of methods that have been used by hackers to break into computer systems.

Prerequisite: CMPT 307

CMPT 422

Computer Organization and Architecture

Four Credits

The purpose of this course is to acquire an understanding and appreciation of a computer system's functional components and their characteristics. Students will learn instruction set architecture, the internal implementation of a computer at the register and functional level, and understand how main activities are performed at machine level as well as gain an appreciation for hardware design at micro level.

Prerequisite: CMPT 220

CMPT 424

Operating Systems

Four Credits

The goal of the course is to provide understanding and appreciation of a computer system's components; their characteristics, functions, interactions and integration to enhance performance as well as the fundamental concepts of an Operating System viewed as a resource manager and issues that influence the design of Operating Systems. The course will include a project to enable students to gain some learning experience.

Prerequisite: CMPT 221

CMPT 425

Distributed Systems

Three Credits

This course focuses on the writing of simple client/server programs, using TCP/IP network protocol stack. It works through the establishment of simple connectionless communications, through connection-oriented communications, to multi-client connection-oriented communications. Students are exposed to the low-level working of TCP/IP at the transport layer, and the student is provided with experience in writing simple network applications such as echo client/servers, IRC (Internet Relay Chat), SMTP client/servers. Students are also introduced to higher-level communication abstractions such as RMI (Remote Method Invocation), JSP (Java Server Pages), Java Servlets, CORBA (Common Object Request Broker Architecture), and JDBC (Java DataBase Connectivity).

Prerequisites: CMPT 306, CMPT 221

CMPT 426

Wireless Communications

Three Credits

This course will focus on issues of wireless technology, mobility management, networking, and security. The protocols, algorithms, devices, and applications that will have a need and use for mobility will be taught, researched, and discussed. The overall operation and functionality of the cellular air interface and how it relates to call control will be discussed. Most discussions will consist of real-world examples and scenarios as to what the effects of performance on specific applications will be. Overall wireless networking design scenarios and scalability will also be discussed. Most concepts will apply to wireless local area networks or the mobility support in a cellular network.

Prerequisite: CMPT 307

CMPT 428

Data and Information Management

Four Credits

This course aims to introduce the technologies and disciplines responsible for the effective management of data and information in organizations. The course places special focus on those tasks associated with gathering, storing, providing access and analyzing data to help enterprise users make better, faster business decisions. Topics covered include data sourcing, extraction transformation and loading processes, data warehousing architectures, dimensional modeling, online analytical processing, NoSQL and MapReduce / Hadoop architectures for processing of large volumes of (unstructured) data.

Prerequisite: CMPT 308

CMPT 430

Technology Entrepreneurship

Three Credits LA

Entrepreneurs who succeed today and will continue to do so in the future possess technological knowledge along with excellent written and verbal communications

skills. This course will help individuals obtain the entrepreneurial mindset that is necessary to succeed in a world where technological advances occur on an everyday basis. Technical writing skills will be taught, as well as technical presentation skills to help market, sell, and be the driving force within the technical industry.

Prerequisite: Junior or senior standing

CMPT 432

Design of Compilers

Four Credits

This course covers compiler theory and implementation. Topics will include but are not limited to the following: the lexical, syntactic, and semantic analysis of formal languages; intermediate code generation; executable code generation; and symbol table construction. Theoretical tools, such as finite state and pushdown automata, and context-free grammars will be discussed in detail. Every student will develop a full compiler for a selected subset of an instructor-specified high-level language.

Prerequisite: CMPT 435

CMPT 435

Algorithm Analysis and Design

Three Credits LA

This course continues the study of data abstraction and algorithm complexity from a more mathematically formal viewpoint. Time complexity of algorithms will be examined using Big O notation and worst-, best-, and average-case analyses. The ideas of polynomial-time, NP, exponential, and intractable algorithms will be introduced. Elementary-recurrence relation problems relating to recursive procedures will be solved. Sorting algorithms will be formally analyzed. Strategies of algorithm design such as backtracking, divide and conquer, dynamic programming, and greedy techniques will be emphasized.

Prerequisites: MATH 205, CMPT 220, (CMPT 221 prerequisite waiver for this major)

CMPT 440

Formal Languages and Computability

Three Credits LA

The study of formal languages, automata, and computability provides the theoretical foundation for the design, specification, and compilation of programming languages. The formal languages of the Chomsky Hierarchy, their grammars, and the associated abstract machines or automata will be studied. This leads naturally to consideration of the theory of computability.

Prerequisite: CMPT 422

CMPT 446

Computer Graphics

Four Credits

In this course, students study the mathematical foundations and essential techniques in the field of modern computer graphics. Central topics include modeling & meshes, viewing transformations, graphics pipeline, lighting models, programmable shaders, scene graphs, animation, user interaction, and graphics hardware. Through both guided and self-directed learning opportunities, students gain experience with industry-standard programming interfaces and tools, and develop an understanding of design and implementation of interactive 3D graphics applications.

Prerequisite: CMPT 220

CMPT451N

z/OS Advanced Topics

Three Credits

This course is designed to go into some detail on key technical areas of interest to personnel working with System z and z/OS. Several topics are extensions to basic materials covered in the Introduction to z/OS and Major Subsystems class while others cover new material. Topics covered include business continuity and disaster recovery, business intelligence and data warehousing, a look inside the coupling facility, z/OS installation overview, z/OS performance basics, global resource serialization and System z virtualization. Other topics such as an introduction to machine components and data representation cover material related to the System z architecture and reinforce and expand on concepts discussed in earlier classes.

CMPT452

z/OS Reliability, Availability, Serviceability and Problem Determination (RAS and PD)

Three Credits

This course provides an overview of Reliability, Availability, and Serviceability (RAS) principles and their importance to the System z hardware and z/OS operating system. The course introduces the major characteristics of the different aspects of RAS, distinguishing serviceability and problem determination. It also covers the broad area of Reliability and Availability functions and the value that they bring to the System z installation, as well as the management processes required by an installation to ensure that the highest levels of Availability can be attained. The topics covered include an introduction to RAS concepts, general approaches for enabling a highly available environment, System z hardware and software availability features including parallel sysplex, z/OS reliability including program recovery environments, z/OS serviceability including storage dumps, logging, and tracing, z/OS messages, operational problem determination and an introduction to using IPCS to analyze storage dumps.

CMPT 453

z/OS Emerging Technologies

Three Credits

This course provides an overview of technologies that are expected to have significant impact on large scale computing environments over the next several years. In some cases the technologies discussed are relatively new and in other cases they have been around in one form or another for some time. In either case, this course looks at these technologies from the perspective of the System z hardware and software and the value and uniqueness of these technologies when used on System z. The topics covered include service-oriented architecture, Web 2.0, WebSphere process server, WebSphere message broker, XML on System z, JAVA on System z, content manager, information integration, z/OS simplification, Rational Developer for System z, z/OS Healthchecker, z/OS System REXX and zLinux on System z.

Prerequisite: CMPT315

CMPT454N

z/OS Installation

Three Credits

This course provides instruction on the use of SMP/E to perform z/OS installation and related activities. Practical exercises are used to build z/OS installation skills. The topics covered in this course include z/OS installation overview, SMP/E basic topics, SMP/E advanced topics, planning for z/OS, z/OS software offerings, ordering z/OS software, cloning, upgrading a z/OS product, z/OS migration, configuration and customization, z/OS deployment, ServerPac and best practices for maintenance.

CMPT455N

DB2 Fundamentals

Three Credits

The DB2 Fundamentals class provides an introduction to the DB2 relational database system as implemented on z/OS. It introduces the major DB2 concepts, structures, functions and features and includes an introduction to DB2, DB2 concepts, system overview, system structures, database services, DB2 environment, attachment facilities, workload management, distributed data facility, SQL overview, DB2 interface, SQL journeys, database and application implementation, concurrency control, security, logging and recovery, startup and restart, commands, utilities and tools, system performance and fundamental query optimization.

CMPT456N

z/OS Performance Fundamentals

Three Credits

The z/OS Performance Fundamentals class provides a practical approach to understanding z/OS performance concepts and techniques. The class includes an introduction to the discipline of z/OS performance fundamentals, formula fundamentals, resources that need to be performance-managed, managed workloads that will be using the managed resources, the discipline of computer performance measurement and monitoring, common methodologies used to conduct a performance analysis and review, processor performance fundamentals, processor storage (memory) and paging subsystem performance

fundamentals, DASD I/O subsystem performance fundamentals, workload manager performance fundamentals, sysplex and parallel sysplex performance fundamentals and workload performance fundamentals.

CMPT 460

Decision Support and Business Intelligence Systems

Four Credits

This course covers concepts and tools that aid managerial decision making by applying analytic reasoning and computer-based tools to managerial problems. Topics include: mathematical programming, stochastic simulation, decision analysis, data driven decision systems, probabilistic expert systems (Bayesian networks)

Prerequisites: MATH 130, CMPT 308

CMPT 465

Advanced Topics in CS

Three Credits

This course provides a means for regularly considering new and innovative aspects of Computer Science.

Prerequisites: CMPT 422, CMPT 435

CMPT 466

Advanced Topics in ITS

Four Credits

This course provides a means for regularly considering new and innovative aspects of Information Technology and Systems.

Prerequisite: CMPT 330

CMPT 467

Advanced Topics in CS

Three Credits

This course provides a means for regularly considering new and innovative aspects of Computer Science.

Prerequisites: CMPT 422, CMPT 435

CMPT 468

Advanced Topics in ITS

Four Credits

This course provides a means for regularly considering new and innovative aspects of Information Technology and Systems.

Prerequisite: CMPT 330

CMPT 470

IS Policy

Three Credits LA

This exciting course is the capping experience in the Information Systems concentration leg of the ITS major. The course integrates information systems, related field requirements, and core studies. Students begin to view the value of information systems from the executive point of view. As such the students will study how information systems function to support the overall operations, policies, and objectives of organizations. Critical thinking, case studies, and a major research paper are all required elements of the course. This course helps prepare students to become leaders such as CIOs and CTOs in the information-systems field. Offered every spring.

Prerequisite: CMPT 330

CMPT 475

CS Project I

Three Credits

CMPT 475 is the first in a two-semester-sequence capping course for Computer Science majors. During the first semester, students study project management techniques, review oral presentation skills, study creating software documentation, assemble project teams (integrated teams including students in the ITS capping course), select a project client, perform analysis and design, and begin project implementation. The second semester is used to complete project implementation. The capping experience culminates with an oral presentation to the client and delivery of the software and its documentation.

Prerequisite: 75 or more earned credits. CMPT 475 is offered every fall. Students planning to graduate in December should begin the capping sequence the fall of the preceding year.

CMPT 476

CS Project II

One Credit

CMPT 476 is the second in a two-semester-sequence capping course for Computer Science majors. During the first semester, students study project management techniques, review oral presentation skills, study creating software documentation, assemble project teams (integrated teams including students in the ITS capping course), select a project client, perform analysis and design, and begin project implementation. The second semester is used to complete project implementation. The capping experience culminates with an oral presentation to the client and delivery of the software and its documentation.

Prerequisite: CMPT 475. CMPT 476 is offered every spring. Students planning to graduate in December should begin the capping sequence the fall of the preceding year.

CMPT 477

ITS Project I

Three Credits

CMPT 477 is the first in a two-semester-sequence capping course for Information Technology and Systems. During the first semester, students study project management techniques, review oral presentation skills, study creating software documentation, assemble project teams (integrated teams including students in the CS capping course), select a project client, perform analysis and design, and begin project implementation. The second semester is used to complete project implementation. The capping experience culminates with an oral presentation to the client and delivery of the software and its documentation.

Prerequisites: 75 or more credits. CMPT 477 is offered every fall. Students planning to graduate in December should begin the capping sequence the fall of the preceding year.

CMPT 478

ITS Project II

One Credit

CMPT 478 is the second in a two-semester-sequence capping course for Information Technology and Systems majors. During the first semester, students study project management techniques, review oral presentation skills, study creating software documentation, assemble project teams (integrated teams including students in the CS capping course), select a project client, perform analysis and design, and begin project implementation. The second semester is used to complete project implementation. The capping experience culminates with an oral presentation to the client and delivery of the software and its documentation.

Prerequisite: CMPT 477. CMPT 478 is offered every spring. Students planning to graduate in December should begin the capping sequence the fall of the preceding year.

CMPT 483

Cloud Infrastructure and Services

Four Credits

This course examines the technical building blocks of Cloud Computing. Students will examine the different types of service models, delivery models and characteristics that make up a typical cloud environment. The course will touch on the variety of cloud providers today including OpenStack and Amazon. This course will also cover the impacts that cloud has on security, networking and maintenance. The economics of the cloud and how they impact cloud services will be discussed.

CMPT 487

Advanced Facilities Management

Three Credits

This course provides a technical overview of critical infrastructure including energy conservation equipment, generation and transmission equipment, electrical safety, facilities engineering, systems maintenance, energy security, UPS systems, power transfer switch systems, standby generators and data center energy efficiency. Students will gain an understanding of current trends in the development of technologies that sustain mission critical infrastructure, evaluate future trends in technology that are necessary to meet energy efficiency and energy security goals, become knowledgeable about the typical equipment employed in mission critical facilities and explore industry best practices.

CMPT 495-496-497-498-499

Advanced Technology Internship

One-Two-Three-Six-Nine Credits

The internship is a professionally oriented experience in the computing field. Arrangements are made with the Internship Director. Offered every semester.

Prerequisite: Junior/Senior standing in computer science

CRIMINAL JUSTICE

CRJU 101

Introduction to Criminal Justice

Three Credits LA

A study of the systems and systematic relationships in criminal law, police, courts, trials, prosecution and defense, and corrections.

CRJU 202

Criminology

Three Credits LA

This course is designed to analyze the various explanations given for why people commit crime. Current events are incorporated into the analysis, discussion, and critique of the various theories on the nature and causes of crime and criminal behavior.

Prerequisite: CRJU 101

CRJU 206

Criminal and Scientific Investigation

Three Credits

A study of techniques and procedures used in criminal investigation: survey of instrumentation; identification/processing of trace evidence; use and acceptability of electronic surveillance; use of informants. The role of the expert witness and special problems in investigations (e.g., organized crime, narcotics traffic, etc.) will also be explored.

CRJU 221

Law and Society

Three Credits LA

Triple listed as POSC 221 and PRLG 221

The question of the relationship between law and society is problematic and unresolved. This course analyzes specific legal systems including American and international systems of law and policy. Theories of legal development, legal reasoning, institutions, sociology, political science, and effects of the criminal justice legal system in American society will be included.

CRJU 230

Policing in America

Three Credits LA

This course introduces students to the functions, memberships, and constituencies of police organizations in America. The modern day complexity of law enforcement will be explored through readings, videos, guest lecturers, and independent research.

CRJU 235

Corrections and Penology

Three Credits LA

This course explores the history of corrections and the various methods of dealing with those convicted offenders who are incarcerated. A combination of the areas of corrections and theories of punishment.

CRJU 242

Drug and Alcohol Use and Abuse

Three Credits LA

The problems of alcohol and alcoholism and various drugs, including narcotics, barbiturates, stimulants, tranquilizers, hallucinogens, and other substances and their effects on the behavior of the individual are addressed. Addiction and current methods of treatment are also studied.

CRJU 301

Criminal Justice Organization and Administration

Three Credits

A study of organizational principles and theory: applications to criminal justice organizations, motivation, productivity, leadership principles, and psychological aspects of management/supervision. Planning processes, decision making, staffing, and budget preparation are covered in depth.

Prerequisite: CRJU 101

CRJU 305

Juvenile Justice System and Delinquency

Three Credits LA

Dual listed as PRLG 106

The juvenile justice system is different in philosophy, logic, and practice from the adult criminal justice system. Different laws and different attitudes guide its ability to process juvenile offenders. These differences define this course and the socio-legal and nonlegal procedures that have been created to handle juvenile delinquents and pre-delinquents by police, courts, and corrections.

Prerequisites: CRJU 101

CRJU 306

Criminal Law and Procedure

Three Credits LA

A study of the general nature, development, and principles of criminal conduct, including a review of the New York State Penal Code and other selected state penal codes. The course will challenge the student to apply concepts learned from these codes to current, real-life situations.

Prerequisite: CRJU 101

CRJU 310

Criminal Justice Ethics

Three Credits LA

Relying on ethical theories of utilitarianism, Kantian and virtue ethics, this course explores how police officers, correction officers, judges, and attorneys approach ethical dilemmas in public service. Students will be exposed to case studies, the ethical decision-making process, and the social costs associated with each decision made. Satisfies Core Applied Ethics requirement.

CRJU 314

Race and Crime

Three Credits LA

Individuals come to our cities with various ethnic, religious, racial, and cultural experiences. These experiences often explain why they may react differently to different situations. Whether and how their actions attract the attention of the criminal justice system is the focus of this course.

CRJU 340

The Federal Criminal Justice System

Three Credits LA

The federal law-enforcement structure is a myriad of organizations and functions. Each has specific responsibilities (prosecutorial, investigative, and punitive) mandated by legislation and practice. It is the objective of this course to take the student through the structure, roles, and requirements of the federal criminal justice system. There are over 60 federal law-enforcement agencies. Areas such as firearm control, espionage, tax evasion, animal protection, forest-fire prevention, drug seizure, and tariff regulation will be discussed and analyzed.

CRJU 348

Psychological Perspectives on Criminal Behavior

Three Credits LA

Dual listed as PSYC 348

This course focuses on the particular psychological aspects of the criminal justice system including what the criminal knows about himself and how this affects his behavior. This topic is considered in the context of alternative answers to one question: What does society want from its convicts? That is, once a person has been caught and is serving a sentence, what goals would society like him to set for himself and what psychological obstacles stand in the way of him doing what society wants him to do? Answers to these questions will be presented in

discussions on such issues as forensic assessment, the insanity defense, and civil commitment.

Prerequisite: PSYC 101 or CRJU 101

CRJU 350

Organized Crime

Three Credits LA

This course examines organized crime in its historical and cultural contexts. Of particular interest will be illegal (gambling, drugs, prostitution) and legal business dealings; its involvement in labor unions and racketeering (construction industry, money laundering); and how it interfaces with legitimate businesses. Finally, the response of law enforcement to these activities will be discussed and various policy initiatives will be analyzed.

CRJU 370

Theories of Punishment

Three Credits LA

The focus of this course will be the various theories of punishment, i.e., rehabilitation, retribution, deterrence, and social defense, as they relate to the criminal justice system. Current events are incorporated into the analysis, discussion, and critique of the various theories.

Prerequisites: CRJU 101, CRJU 202

CRJU 374

Criminal Justice Research Methods

Three Credits LA

An understanding of the foundations of research design and applications is approached through statistical analysis and interpretations of research materials in criminal justice.

Prerequisites: MATH 130, CRJU 101

CRJU 377

Terrorism

Three Credits LA

In this course, the criminal justice system is discussed and analyzed from an economic and political perspective. Political terrorism will be one of the topics included. Discussion of the assigned readings will take place in a seminar fashion when taught in the classroom and in a discussion board when taught online.

Prerequisite: CRJU 101 or POSC 101

CRJU 440

Cross Cultural Criminal Justice Systems

Three Credits LA

A selection of criminal justice systems in Asia, Africa, Europe, the Americas, and the Middle East are studied in the context of their cultural values. Comparative analyses focus on suggestions for change in the American criminal justice system.

CRJU 477

Senior Seminar: Capping Course

Three Credits LA

This course reflects the interdisciplinary and integrative intent of the CORE/LS program. The curriculum is designed to aid in student reflection upon the relationship between the Criminal Justice field's methods and content and broader humanistic concerns. Class discussions and presentations as well as an integrative writing assignment highlight the course.

Prerequisites: CRJU 374; Criminal Justice majors with senior standing

CRJU 496-499

Criminal Justice Internship: I, II, III, IV

Three Credits each

Two three-credit internships are required for all criminal justice majors, preferably in the senior year. It is an educational experience whereby a student interprets theory within the realities of the criminal/juvenile justice setting. Under the supervision of a field professional and faculty coordinator, the student will analyze the field activities from a theoretical perspective developed from an extensive library reading list. Junior/senior Criminal Justice majors only.

CULTURE STUDIES/CIVILIZATIONS

Core/Liberal Studies Curriculum: Foreign-Language Option. Students may substitute one course in foreign culture for the second course in either history or literature.

C SAR 150

Arabic Cultures and Perspectives

Three Credits LA

Dual listed as ARAB 150

See ARAB 150 for course description.

C SCU 101

World Cultures through Feature Films I

Three Credits LA

Readings and viewing of feature films on the cultures of North America, Central America, South America, Europe, Southwest Asia, and the Middle East. Offered in the fall, when there is sufficient student interest.

Prerequisite: ENG 120

C SCU 102

World Cultures through Feature Films II

Three Credits LA

Readings and viewing of feature films on the cultures of North and sub-Saharan Africa, Southeast Asia, the Far East, and the Pacific world. Offered in the spring, when there is sufficient student interest.

Prerequisite: ENG 120

C SCU 103

Introduction to Global Issues

Three Credits LA

Dual listed as GBST 103 & POSC 103

See GBST 103 for course description.

C SFR 167

France & the World

Three Credits LA

Dual Listed as FREN 167

See FREN 167 for course description.

C SFR 250

French Culture & Thought: Problems & Perspectives

Three Credits LA

Dual Listed as FREN 250

See FREN 250 for course description.

Taught in French.

C SFR 251

Contemporary France

Three Credits LA

Dual Listed as FREN 251

See FREN 251 for course description.

Taught in French.

C SFR 305

Studies in French Film and Literature

Three Credits LA

Dual Listed as FREN 305

See FREN 305 for course description.

Taught in English.

C SIT 250

The Civilization of Italy

Three Credits LA

Dual Listed as ITAL 250

See ITAL 250 for course description.

C SJP 120

The Civilization of Japan

Three Credits LA

Dual Listed as JPN 120

See JPN 120 for course description.

Taught in English.

C SSP 150

Cultures of Spain

Three Credits LA

Dual listed as SPAN 150

See SPAN 150 for course description.

C SSP 152

Cultures of Latin America

Three Credits LA

Dual listed as SPAN 152

See SPAN 152 for course description.

C SSP 153

Cultures of the Hispanic Caribbean

Three Credits LA

Dual listed as SPAN 153

See SPAN 153 for course description.

C SSP 154

Cultures of Hispanics in the United States

Three Credits LA

Dual listed as SPAN 154

See SPAN 154 for course description.

C SSP 330

Themes in Spanish Cinema

Three Credits LA

Dual listed as SPAN 330

See SPAN 330 for course description.

C SSP 335

Themes in Latin American Cinema

Three Credits LA

Dual listed as SPAN 335

See SPAN 335 for course description.

DATA SCIENCE AND ANALYTICS

DATA 220

Introduction to Data Analysis

Four Credits LA

This course introduces the basic ideas and techniques of data science including: exploratory data analysis, experimental design and sampling; relationships between one and several variables including single and multiple regression and two way tables; sampling distributions; inferential statistics for means, proportions, and regression coefficients; simple ANOVA. The course includes a computer lab using an appropriate high level statistical software package such as R. This course is offered every semester.

Prerequisite: Three years of high school mathematics or satisfactory performance on the Mathematics Placement Test

DATA 300

Data Visualization

Three Credits LA

This course provides an introduction to data visualization. Students will learn basic data visualization design and will learn techniques for visualizing multivariate, temporal, text-based, geospatial, hierarchical, and network/graph-based data. Software packages such as R, ggplot2, matplotlib and D3 will be used.

Prerequisite: CMPT 120, DATA 220 (Introduction to Data Analysis)

DATA 440

Machine Learning

Four Credits LA

This course provides a broad introduction to automated learning from data. Machine learning is the name given to the collection of techniques that allow computational systems to adaptively improve their performance by learning from past observed data. The course introduces the theoretical underpinnings of learning from data, the study of learning algorithms, as well as machine learning applications. Topics include: supervised learning (linear models, SVMs, MLPs) and unsupervised learning (K-means, GMMs), learning theory (generalization theory, bias/variance tradeoffs; Vapnik - Chervonenkis dimension); regularization methods, validation and models selection.

Prerequisite: MATH 330, MATH 210, CMPT 435

DATA 450

Data Mining & Predictive Analytics

Three Credits LA

Data Mining & Predictive Analytics is the name given to a group of disciplines, technologies, applications and practices for analyzing data and building models based on data. This course introduces basic concepts, tasks, methods, and techniques in data mining, including data exploration and pre-processing, classification, statistical modeling, association rules, clustering, text mining and web mining, social network analysis. A software package like R or IBM SPSS Modeler will be used.

Prerequisite: DATA 220 (Introduction to Data Analysis)

DATA 477

Data Science Project (CAPSTONE)

Three Credits LA

A project base course for the application of statistical modeling, data mining and machine learning techniques to large data sets. This course is intended only for data science majors.

Prerequisite: DATA 300 (Data Visualization), DATA 440 (Machine Learning), DATA 450 (Data Mining & Predictive Analytics)

ECONOMICS

ECON 103

Principles of Microeconomics

Three Credits LA

A course dealing with the analysis of supply and demand. Topics covered include the basic functioning of a free-enterprise economy; the evolution of markets and institutions; price behavior under both competitive and monopolistic conditions; demand and utility; equilibrium of the firm; marginal analysis and production theory; returns to the factors of production. [Formerly ECON 102.] Offered primarily in the fall.

ECON 104

Principles of Macroeconomics

Three Credits LA

Topics covered include analysis of the determination of national income through the investigation of consumption, investment, government expenditures and net exports; analysis of the determinants of inflation and unemployment; the role of government in the economy including fiscal and monetary policies, market failures and public goods. [Formerly ECON 101.] Offered primarily in the spring.
Prerequisite: ECON 103

ECON 150

Economics of Social Issues

Three Credits LA

This is an issues-oriented course that introduces essential economic principles and applies them to an array of important social questions. The course is designed to reveal how economics enables us to understand the analysis behind headlines and news stories about current events and policy questions as they arise in a global context. Concepts and issues from both microeconomics and macroeconomics will be addressed. This course is designed as a one-semester overview of economic principles for students in majors other than business, economics, and accounting. Offered every semester. Majors in Accounting, Business Administration, or Economics do not earn credit for taking this course.

ECON 200

Economics of Gender

Three Credits LA

The course will analyze the principal foundations of the political economic structure of Western Civilization from a gender perspective. Such concepts as property, money, the public vs. the private sphere, democracy, and the individual will be examined with analytical, historical, and institutional methods. The student will gain an understanding of how gender affects not only personal, social, and family life, but also economic markets and political power, and the discipline of economics itself.

(This course meets the requirements for the Core/Liberal Studies distribution in Social and Behavioral Sciences; for the Women's Studies minor; and for the major and minor in economics.)

Prerequisite: Open to sophomores and above

ECON 210

Innovation in the Hudson Valley

Three Credits LA

Reviewing primary and secondary source materials, the course will examine the early history and recent contributions of innovations in the Hudson River Valley, including technology, government, business, and communication. Beginning with Alexander Hamilton's design for the U.S. dollar and Central Bank, the development of Fulton's North River steamboat, and the Parrott cannon, the course will also include Morse communications, Edison's inventions and the company he founded, railroads and the related corporations, banks and finance, as well as transistors, semiconductors, and the grid at IBM, and nanotechnology at Yorktown Heights and Albany. Students will learn about research methods, as well as the policies and conditions that foster innovation. Literature regarding the role of regional industry clusters in the global economy will be incorporated to assist in raising the issues regarding the role of the Hudson River Valley in particular in innovation in a global context.

ECON 303

Intermediate Microeconomic Theory

Three Credits LA

A more detailed analysis of the material covered in ECON 103. Included are the theory of consumer choice and the determinants of demand; theory of production; nature and behavior of cost, price, and output determination in the various competitive markets; theory of factor prices and income distribution. [Formerly ECON 302.] Offered every fall.

Prerequisites: ECON 103, ECON 104

ECON 304

Intermediate Macroeconomic Theory

Three Credits LA

Analysis above the level of ECON 104 of the aggregates of consumption, saving, investment, and government fiscal activity and the influence of these on the size of national income. Includes consideration of factors affecting employment, prices, and economic growth. [Formerly ECON 301.] Offered every spring.

Prerequisites: ECON 103, ECON 104

ECON 305

Environmental Economics

Three Credits LA

Dual listed as ENSC 305

A policy-oriented examination of the relationship between the economy and the natural environment. Topics include externalities, the environmental consequences of economic growth and development; the labor-market impacts of environmental legislation; and the economic theories of "public goods" and "social costs." Offered every fall.

(Does not fulfill Core/LS Natural Science requirement.)

Prerequisite: ECON 103

ECON 310

Labor Economics

Three Credits LA

This course introduces the student to the study of labor supply and demand and its impact on the economy. Topics include: labor supply decisions, hiring decisions, wage determination, returns on investment in education, income distribution,

unemployment, and discrimination. The emphasis is on a theoretical analysis of empirical phenomena.

Prerequisites: ECON 103, ECON 104

ECON 315

Money and Banking

Three Credits LA

This course studies the nature and function of money and banking in a market economy. Topics covered include the nature and role of money, the commercial banking industry, the Federal Reserve, money supply determination, the conduct of monetary policy, the demand for money, and the monetary transmission mechanism.

Prerequisites: ECON 103, ECON 104

ECON 320

Quantitative Methods in Economics and Business

Three Credits LA

Quantitative methods involve quantifying, measuring, and analyzing actual economic and business phenomena. After reviewing basic statistical theory that provides a foundation for the analytical techniques, the course explores the theoretical development of linear regression models as a basis for the understanding of econometric methodologies and their empirical application in economic data analysis, business forecasting, and decision making.

Prerequisite: MATH 130

Recommended: ECON 103, ECON 104, ECON 150; BUS 100 or BUS 202

ECON 321

Three Credits LA

Analysis of the theory and practice of government expenditure, taxation, and debt management. Topics include public goods, the budget process, fiscal policy, intergovernmental and local government finance, and effects on income.

Prerequisites: ECON 103, ECON 104

ECON 340

Economic Development: Towards Global Equality

Three Credits LA

Explores the economies of the world's poorest countries. Topics include measures of economic development and human development; history of development; the role of capital formation and savings; and the role of government policy in development. Economic theories of underdevelopment are presented and case studies analyzed. The impact of globalization on economic development and environmental issues is addressed. Country studies include Asia, Africa, and Latin America.

Prerequisites: ECON 103, ECON 104 or ECON 150

ECON 422

Financial Markets and Institutions

Three Credits LA

A detailed examination of financial markets and institutions. The course examines the influence of financial markets and financial institutions on the availability of external finance, the terms of finance and the market valuation of publicly traded stocks, bonds, mortgages and derivatives. Of special interest are the roles of financial markets and institutions in pricing market risk and the allocation of scarce loanable funds. This course relies heavily on the student's ability to understand and apply the time value of money, the relationship between risk and required return, and the steps required to value stocks, bonds and mortgages. [Formerly ECON 420.] Offered every semester.

Prerequisite: BUS 320

ECON 432

International Financial Policies and Issues

Three Credits LA

The objectives of the course are to understand the nature of international money and balance of payments between countries. The use of the currency to influence economic activity, such as exchange rates and interest rates, will also be considered. The course will consider financial regimes historically, including the Gold Standard and Bretton Woods, as well as dollar as key currency and the euro. The nature of currency competition will be considered, as well as international currency markets and derivatives, and sovereign debt markets. International

investment trends and determinants will be studied, and the effects on growth and distribution of countries and regions. The history and determinants of international financial crises will be considered, as well as corrective policies on the national and global levels.

Prerequisites: ECON 103, ECON 104

ECON 442

International Economics

Three Credits LA

The objectives of the course are to explain the location of economic activity across regions and countries, considering such theories as comparative advantage and product life cycle. Trade policies such as tariffs and industrial policies will be considered, as well as export promotion and import substitution. The course will also examine the role of international institutions, such as the IMF, EU, and WTO. Trends towards regional integration in areas such as Latin America, the Middle East, and Asia will be considered, as well as the role of multinational corporations, state-owned companies, sovereign wealth funds, and outsourcing. The competitive dynamics of key industries, such as auto, computers, oil, will be considered in current case studies. Offered every spring.

Prerequisites: ECON 103, ECON 104

ECON 443

History of Economic Thought

Three Credits LA

A study of the principal theories of the production and distribution of economic goods. Consideration of the essential elements in the thought of the exponents of classical and neoclassical economics and modern macroeconomics.

Prerequisites: ECON 103, ECON 104

ECON 477

Contemporary Economic Issues

Three Credits LA

Restricted to seniors. An integrative course which requires the student to relate his or her knowledge of economics to the broader issues studied in the Core/LS program. This is accomplished by the student's examination of a contemporary economic problem in a major research paper. The student's paper must reflect a theme or hypothesis which is rigorously analyzed and orally presented to invited faculty in a seminar format. Offered every spring.

Prerequisites: MATH 115 or MATH 241, and MATH 130, ECON 303, ECON 304

EDUCATION

EDUC 101

Foundations of Education

Three Credits LA

This course examines the evolution of education in the United States and the role of the teacher in the educational process. Contemporary educational thought and policy are studied, as well as the standards and expectations of the teaching profession, organizational patterns of schools, and the intellectual foundations upon which the practice of education rests. Course content and required fieldwork will assist candidates in assessing their commitment to, and readiness for, teaching.

EDUC 102

Introduction to Teaching

One Credit LA

This is a required course for all (education teacher) candidates to explore the learning community in a local school. Teacher candidates will be given opportunities to work with students, observe instruction and examine the role of the teacher. This course will lead teacher candidates in understanding the profession of teaching. Teacher candidates will be assessed on their writing and presentation skills to assist in determination of readiness for the teacher education program. Information to the process of New York State certification will be embedded throughout the course. Classroom format: Fifteen hours of fieldwork is required.

Prerequisite: EDUC 101 EDUC 140

Introduction to Bilingual Studies/ TESL

Three Credits

A study of the theoretical aspects of bilingual education (historical, sociological, linguistic, psychological, educational and philosophical) and the teaching of English as a second language. Offered when there is sufficient interest.

Prerequisite: Completion of the Core/LS writing requirement.

EDUC 150

Learning Through Technology

Three Credits LA

This course critically examines the role of technology in the classroom and its application to various teaching and learning needs. Candidates will learn to differentiate among electronic resources to satisfy specific information needs, including analysis of quality and applicability of sources using the resources of the Marist College Library.

EDUC 323

STEM I for Elementary Teaching: Science, Technology, Engineering, and Mathematics for General and Special Education

Three Credits

The purpose of this course is to develop the candidate's competency to teach science, technology, engineering, and mathematics (STEM) to elementary school children, 1-6, including those children with cognitive and behavioral deficits that require a modified educational program. Manipulative laboratory activities and lectures are used to study content, methods, and materials. Methods of instruction emphasize problem solving and inquiry approaches, encourage content integration and authentic experiences with the subject matter, and foster collaboration and active engagement. Candidates have the opportunity to plan, implement, and assess STEM lessons in appropriate classroom settings through the required fieldwork.

Prerequisites: PSYC 207, 208, and 317

Co-requisite: STEM II for Elementary Teaching

EDUC 324

STEM II for Elementary Teaching: Science, Technology, Engineering, and Mathematics for General and Special Education

Three Credits

The purpose of this course is to develop the candidate's competency to teach science, technology, engineering, and mathematics (STEM) to elementary school children, 1-6, including those children with cognitive and behavioral deficits that require a modified educational program. Manipulative laboratory activities and lectures are used to study content, methods, and materials. Methods of instruction emphasize problem solving and inquiry approaches, encourage content integration, and foster collaboration and active engagement. Candidates plan, implement, and assess STEM lessons in appropriate classroom settings through the required fieldwork. Students must enroll in STEM I and STEM II concurrently. The emphasis in STEM II is content integration in conjunction with science and engineering instruction.

Prerequisites: PSYC 207, 208 and, 317

Co-requisite: STEM I for Elementary Teaching

EDUC 340

Introduction to Early Childhood Education (Birth-Grade 2)

Three Credits LA

This course focuses on concepts and foundations of early childhood education from infancy to grade two with special attention paid to the child from birth to eight years of age. Candidates will examine early childhood environments, linguistic and cultural diversity, early language and learning in family, school, and community settings. Topics include: types of programs and differing philosophies, early childhood development and learning theory as it pertains to teaching preschool through grade two and the role of the teacher and student in preschool and primary classrooms. This course will prepare teacher candidates to work the Birth through Grade two population. Fieldwork required.

Prerequisites: EDUC 101, EDUC 150, PSYC 208

EDUC 350

The Teaching of Language Arts:

Processes and Strategies for General and Special Education

Three Credits

This course examines the nature and process of reading and language development from both a theoretical and practical base. Candidates will explore approaches for teaching reading and become familiar with strategies for learning how to read and write. The course focuses on the basic knowledge and skills necessary for teaching language arts effectively. Special emphasis will be placed on research-based instruction appropriate for all learners, including English language learners, in a balanced literacy program. Fieldwork required.

Prerequisites: PSYC 207, PSYC 208, PSYC 317

EDUC 351

Literacy, in Social Studies, Content Areas, and the Arts

Three Credits

This course provides an overview of methodologies for teaching social studies and content-area reading to all elementary-education children including those in need of extra support. Candidates will learn how to integrate social studies, language arts, mathematics, science, and fine arts into the elementary curriculum; experience a variety of effective teaching strategies for social-studies instruction; learn how to reinforce the language arts through the social-studies curriculum; develop skills and strategies that promote cooperation and individualized instruction in differentiated classrooms; articulate theories on multicultural education. Fieldwork is required.

Prerequisite: EDUC 350

EDUC 352

Assessment and Remediation of Reading and Writing

Three Credits

This course focuses on assessment and intervention techniques for the less-successful reader and writer. The course provides current views of informal assessment, and offers and engages candidates in a thoughtful and reflective look at planning and teaching literacy lessons for children with a variety of literary needs. Fieldwork required.

Prerequisites: EDUC 350, EDUC 351

EDUC 354

The Teaching of Language Arts:

Literacy Instruction for Adolescence Education

Three Credits LA

This course will address the learning processes and strategies needed to support the literacy development of adolescents. Candidates will explore the theories of reading and writing, instructional materials, planning techniques, remedial strategies, and support practices for the general and special-needs populations. Special emphasis will be placed on the principles of sound teaching for all learners, including English language learners, in an integrated, literature-based classroom. A minimum of 10 hours of fieldwork is required. Not to be taken concurrently with EDUC 355.

Prerequisite: PSYC 207

EDUC 355

Teaching Reading and Writing in the Content Areas

Three Credits LA

This course emphasizes adolescence education teaching methods (grades 7–12) for reading, writing, and study skills in English, mathematics, social studies, science, and other subject areas. Attention is given to: (a) principles of reading and writing processes, (b) techniques that develop learning strategies that facilitate reading, writing, and learning through content areas, (c) assessment practices that analyze text materials and student progress, as well as (d) content area modifications for special-needs students including those who speak English as a second language. A minimum of 10 hours of fieldwork is required. Not to be taken concurrently with EDUC 354.

Prerequisites: PSYC 207

EDUC 357

Children's Literature as Mentor Text: An Inquiry Approach to Genre Study

Three Credits LA

In this course, children's literature will be examined through genre study, a process that focuses on analyzing the different characteristics of genres using mentor texts. Mentor texts are the books instructors use as models for teaching to specific reading and writing goals. How texts are organized, why specific language is used, and what particular words signal specific structural patterns are a few of the characteristics that will be examined. Types of fiction and nonfiction, poetry, plays and the like will be studied. Candidates will learn how to engage children in inquiry learning about genre. They will also learn how to help children utilize their learning in strategic ways that will foster a deeper understanding of reading comprehension and the writing process.

Prerequisites: EDUC 350, PSYC 208, PSYC 207, PSYC 317

EDUC 373

Principles of Instruction for Students with Special Needs

Three Credits

This course introduces candidates to the basic principles of instruction and classroom management, and helps them acquire teaching skills that, while appropriate and useful for all children, are essential for helping children with special needs to learn. Strategies for students who have intellectual disabilities, specific learning disabilities and behavior disorders are emphasized. Candidates learn about the major research efforts that form the foundation of the body of professional knowledge in teaching, examine the generalizations and principles that are drawn from the research findings, and begin to use these principles in small-group teaching experiences with their peers and in class discussions of teaching cases. Fieldwork required.

Prerequisites: PSYC 317, PSYC 207 or EDUC 372, PSYC 208

EDUC 374

Curriculum Strategies for Students with Special Needs

Three Credits

This course is an introduction to content-specific strategies for teaching reading, math, and language arts to children with special needs. Approaches for students who have learning disabilities, behavioral disorders, and mental retardation are emphasized. Candidates will learn to prepare an Individualized Education Plan, to modify instructional materials to meet the needs of individual learners, to incorporate educational technology into teaching, to use curriculum-based assessment strategies, and to teach in ways that promote cognitive skill development. Fieldwork is required.

Prerequisite: EDUC 373

EDUC 376

Behavioral Management Theories and Strategies for Students with Special Needs

Three Credits LA

This course covers a broad conceptual and practical perspective in behavior analysis within the classroom setting. Terminology and techniques utilized in understanding, analyzing, managing, and changing behavior are presented. Candidates will learn about State and Federal special-education law, and the principles necessary to establish a safe and nurturing learning environment that engenders the respect to foster a community of learners. Fieldwork required.

EDUC 379

Culturally Responsive Education

Three Credits LA

This course helps educators understand the role of culture in teaching and learning, and teaches the principles and practices of culturally responsive education for students who are members of non-dominant cultural groups. Cultural immersion experiences allow educators to develop the knowledge and appreciation of the target culture that is needed to plan culturally relevant curriculum and instruction and to create learning environments in which cultural and linguistic diversity are valued.

EDUC 392

Special Topics in Education

Three Credits

"Special topics" courses serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission required

EDUC 410

Participation/Observation in the Secondary Schools

One Credit

A field experience which precedes the student teaching semester. Introduces the teacher candidate to the secondary school. Extensive classroom observations, related non-instructional activities, participation in the general activity of the secondary school. Open only to candidates enrolled in the secondary-education program.

Corequisite: Subject area teaching methods course

EDUC 420

Methods of Teaching Social Studies in Secondary Schools

Three Credits

Seeks to identify and demonstrate teaching techniques for secondary social-studies classes. Candidates must prepare demonstration classes using innovative teaching techniques and are responsible for preparing one taped TV lecture on which other members of the class offer critical comment. Discussions concern topics such as teaching controversial issues, social studies in the total curriculum, values and objectives in the social studies, and others. The course is organized around the teaching unit and its construction. EDUC 420 is cross-listed with EDUC 492N Methods of Teaching Content in Secondary Schools.

Corequisite: EDUC 410

EDUC 422

Methods of Teaching Science in Secondary Schools

Three Credits

A course concerned with objectives; classroom strategies and procedures; preparation of unit and lesson plans; use of demonstration; student laboratory experiences; science curriculum and evaluation; choosing texts and reference materials; use of visual aids; programs for advanced students; testing; construction and evaluation of classroom tests.

Corequisite: EDUC 410

EDUC 424

Methods of Teaching Mathematics in Secondary Schools

Three Credits

The course focuses on current trends in mathematics education, including studies of analytical reasoning and problem-solving strategies, real-world applications of mathematics, and interdisciplinary approaches to teaching mathematics. A study of secondary-level mathematics syllabi will also include ways of restructuring instruction and evaluation in light of the curriculum and evaluation standards of the National Council of Mathematics Teachers (NCMT). Candidates will design demonstration lessons and tests on specific topics.

Corequisite: EDUC 410

EDUC 426

Methods of Teaching Languages in Secondary Schools

Three Credits

A general discussion on lesson and unit planning, motivational techniques, classroom management, evaluation techniques, with more specific study of the objectives of foreign-language study, recent trends and developments in language teaching, and techniques in teaching and testing, both in basic language skills and the culture, to secondary school students. The course aims to prepare, support, and provide a basis for the work of the practice-teaching experience. A demonstration mini-lesson and a unit plan and unit test are required.

Pre- or Corequisite: EDUC 410

EDUC 428

Methods of Teaching English in Secondary Schools

Three Credits

Approaches to and methods of teaching the various aspects of the English

curriculum in the secondary school, unit and lesson planning, recent trends in language-arts instruction, test construction, evaluation.

Corequisite: EDUC 410

EDUC 440

Early Childhood Education (Birth – Grade 2) Student Teaching

Three Credits

Student teaching is a capstone requirement for those candidates seeking Birth – Grade 2 certification. Student teaching serves as a rich clinical experience to apply the theory and practical knowledge, skills and dispositions gained from pre-requisite coursework. A candidate shall complete a twenty day supervised instructional experience in a Birth – Grade 2 setting. Candidates observe, teach lessons based upon assessment of learner needs, reflect on their impact on student achievement, support a classroom management plan consistent with the expectations of the school and cooperating teacher, participate in the day-to-day routines of the classroom and school, experience the school's culture, communicate with parents and school personnel, and maintain pupil records as requested.

This course will be offered as an attachment to the spring semester. Candidates will attend class sessions in preparation for their student teaching. The student teaching experience will follow Finals Week on a schedule developed in consultation with the Instructor. Student teaching requires a full time commitment. No other courses may be taken concurrently with student teaching unless the student obtains written permission from the Associate Dean for Teacher Education.

During the student teaching semester, candidates are REQUIRED to attend Student Teaching Seminar established by the Instructor.

Prerequisites: EDUC 101, EDUC 150, PSYC 208, EDUC 340, EDUC 341

EDUC 462

Student Teaching Practicum: Childhood Education 1–6/Students with Disabilities 1–6

Twelve Credits

For seven and one-half weeks of the semester, candidates focus on typically developing children in general education, and for seven and one-half weeks on students with disabilities. Biweekly seminars examine and analyze the interrelationships of teacher, children, and curricula as reflected in the classroom learning environment as well as explore various topics (e.g., reflective teaching, child abuse, health and safety education, violence prevention). Offered fall and spring. Permission is required. Open only to seniors who have completed the prerequisites.

Prerequisites: 300-level methods courses in the professional sequence

EDUC 464

Student Teaching in the Secondary Schools

Twelve Credits

Clinical experience in the classroom on the middle school – high school level under the supervision of the Office of Teacher Education. Full-time attendance at a secondary school is required. On-campus seminar sessions. Open only to candidates enrolled in the secondary-education program.

Prerequisites: Subject methods course, EDUC 410

ENGLISH AS A FOREIGN LANGUAGE

EFL 001

English as a Foreign Language I

Three Credits LA

This is the first in a two-level sequence that provides international students with the tools necessary to become proficient in academic and conversational English. At this level, a comprehensive approach integrating the linguistic skills of grammar, reading, writing, vocabulary, speaking, and listening is utilized. This is a required course for international students who fall within a predetermined score range on the placement examination.

EFL 002

English as a Foreign Language II

Three Credits LA

This is the second in a two-level sequence which exposes international students to the linguistic skills necessary to achieve competency in English so they may

successfully complete Marist's writing requirements and participate fully in college courses. At this level, emphasis is placed on reading and writing skills with particular focus on the creation of coherent essays and research papers. This is a required course for international students who fall within a predetermined score range on the placement examination.

ENGLISH

ENG 119

Intermediate Writing for College

Three Credits LA

Intermediate Writing for College is specifically designed to prepare the student for success in Writing for College and other Core courses at Marist College. Activities will consist of exercises in the mechanics of writing as well as basic organization of different types of college-level essays. Reading and vocabulary skills will also be a part of the instruction. Students will also be taught Information Literacy and Presentation skills. Students are placed into this course based on writing scores on standard college entrance exams.

ENG 120

Writing for College

Three Credits LA

Writing for College is an instructional Writing Intensive course that engages with one of the following themes: Cultural Diversity (CD), Nature and Environment (NE), Civic Engagement (CE), or Quantitative Reasoning (QR). Any WI course uses writing as a way of learning; this course also teaches the fundamentals of academic writing, including documentation, and includes an academic research project as part of its set of requirements. All writing assignments are presented as process-and-product using the act of writing as a rich learning strategy. This course not only uses writing as a mode of learning but also teaches and reinforces writing skills so that students practice writing in standard written English, focusing on the classic academic research paper. Students also learn strategies to avoid plagiarism.

ENG 150

Introduction to Theatre

Three Credits LA

Character, plot, thematic, historical and production analyses of various types of dramatic texts; understanding the work of various theatre artists; developing confident presentation skills. Offered every semester. (Fulfills Core requirement in Fine Arts. Fulfills Foundation Requirement for English major and Theatre minor.)

ENG 180

Literary Study

Three Credits LA

An introduction to terms and procedures used in the close reading, interpretation, and evaluation of literary works. Readings will be drawn from the British and American literary traditions and will be chosen to illustrate various formal, rhetorical, narrative, and generic features of literary works. The course will acquaint students with library and Internet research techniques. Offered every semester. Fulfills a Foundation Requirement for the English Major.

ENG 185

Writing as a Discipline

Three Credits LA

This is a foundation course for English majors. It provides an overview of the interdisciplinary nature of writing and its applications. Of the various approaches to the subject covered (creative, historical, cognitive, electronic), emphasis is placed on the structural to help students produce texts free of grammatical and mechanical errors. Research paper writing is an important component as well. Offered every semester. Fulfills a Foundation Requirement for the English Major.

ENG 201

Introduction to Linguistics

Three Credits LA

An investigation of the characteristics of natural languages and speech communities. Training in linguistic analysis enables the student to uncover the range of structural possibilities in human languages, e.g., pronoun restrictions in Navajo, gender markers in Japanese, upside-down language in Australian

aboriginal varieties. The course allows the student to pursue questions of interest, e.g., the origin of language, language and gender, child language acquisition, and slang. Offered every year.

ENG 202

The Art of Poetry

Three Credits LA

An introduction to poetry with a focus on practical criticism: analysis of poems, acquisition of working vocabulary in description of poetic techniques, forms, and effects. Allied readings in the theory of poetry and the nature of the creative process.

ENG 205

Modern Speculative Fiction

Three Credits LA

Readings in a wide range of 20th-century science fiction and fantasy writers.

ENG 207-208-209

Mini Courses in Literature

One Credit each LA

These three one-credit, five-week courses in literature are designed especially for the non-English major. Subject matter will be different for each offering. It may introduce students to an author (e.g., Chekhov, Wordsworth, Frost), or literary work (e.g., Gulliver's Travels, Huckleberry Finn, King Lear), or theme (e.g., the immigrant experience in American literature, the idea of initiation in the short story, the idea of love in modern poetry). Three courses are scheduled during the term consecutively in the same slot so that at registration the student may select one, two, or all three of the minis.

ENG 210

American Literature I

Three Credits LA

Introduces students to a number of New World writers, from 1620 to the Civil War, placing these in the context of significant historical and intellectual movements. The course begins with Colonial writers such as Bradford, Taylor, Rowlandson, and Bradstreet, moves to the 18th-century figures such as Edwards and Franklin, and culminates with writers of the American Renaissance: Emerson, Poe, Hawthorne, Thoreau, Melville. Offered every year.

ENG 211

American Literature II

Three Credits LA

Introduces students to a number of significant American writers from the Civil War to the mid-20th century. The course begins with Whitman and includes late 19th-century writers such as Dickinson, Twain, James, Freeman, Jewett, and Adams. Readings from a variety of early 20th-century novelists, essayists, poets, and playwrights will be selected, e.g., from Chopin, Lewis, Faulkner, Gilman, Wharton, Fitzgerald, Hemingway, Cather, Anderson, Eliot, Williams, O'Neill, Baldwin. Offered every year.

ENG 212

English Literature I

Three Credits LA

A broad survey of English Literature, represented by significant texts produced from the Medieval period through the Renaissance, by authors such as the Beowulf poet, Margery Kempe, Geoffrey Chaucer, Edmund Spenser, William Shakespeare, John Milton, and Aphra Behn. Offered every year.

ENG 213

English Literature II

Three Credits LA

A broad survey of English Literature, represented by significant texts produced from the Restoration through the early 20th century, including the work of such authors as Pope, Swift, Wordsworth, Dickens, Tennyson, Yeats, and Eliot. Offered every year.

ENG 214

Religious Themes in Literature

Three Credits LA

Dual listed as REST 214

An interdisciplinary study of significant religious and theological themes in contemporary literature as they illuminate the human quest for meaning. Offered every year.

ENG 218

Grammar, Style and Editing

Three Credits LA

A foundation course for the writing major and minor. This course has two primary objectives. First, it helps students produce texts free of grammatical and mechanical errors. Next, it shows students how to manipulate sentential and textual structures for stylistic and rhetorical effects in a variety of contexts. These objectives are fulfilled through exercises and editing assignments covering the students' own writing, peer samples, and works by writers from various periods and disciplines. Offered every year.

Prerequisite: Completion of ENG 185 or permission of instructor or chairperson

ENG 220

Literature and Gender

Three Credits LA

This course will examine literary texts with special emphasis on gender issues. Questions may be raised, for instance, about gender definitions and roles, gender and language, gender as a locus of economic, political, social, or literary power. Topics will vary from semester to semester. The course may be organized around a group of writers, a historical period or movement, a genre, a theme, or a combination of these. Offered every year.

ENG 221

Themes in Shakespeare

Three Credits LA

This course focuses on the plays (and, to some extent, on the nondramatic works) of Shakespeare. It seeks to increase the students' ability to understand, enjoy, and appreciate Shakespeare's writings, and to give students greater confidence in their ability independently to assign meaning to the plays.

ENG 222

Introduction to Professional Writing

Three Credits LA

This course will introduce you to professional writing genres such as reports, proposals, presentations, letters, and memos; to professional writing style; and to research approaches and methods useful for professional writers, including logic and the effective use of quantitative information. The course will focus on equipping you with strategies to edit and revise your work to meet the standards of professional communication. Given the nature of professional writing, the course will involve both individual and collaborative work.

ENG 225

Literary Genres: Drama & Poetry

Three Credits LA

An introduction, along with ENG 235, to the various forms of literature. As such, the two courses are intended for students who wish to learn techniques of reading and interpreting literature before taking more traditional literature courses. This course will emphasize drama and poetry.

ENG 227

Acting I

Three Credits LA

Dual listed MDIA 206

To acquaint the beginning student with the basic elements of the actor's art. Physical, vocal, emotional and technical aspects of acting; theories of acting; character analysis; scene performance workshops. Offered every fall. (Fulfills Core requirement in Fine Arts. Fulfills requirement for English/Theatre major and Theatre minor.)

ENG 229

Theatre Practicum

One Credit LA

Laboratory experience in theater production, acting, and technical assignments. Students may enroll in Theatre Practicum up to three times for a total of three credits.

ENG 231

Literature of the Hudson River Valley

Three Credits LA

This course introduces students to the work of authors who lived and wrote in the Hudson River Valley from the early 19th century through the present. Offering intriguing perspectives on regional landscape, culture, and social history, the work of these writers takes us from the rural magic of the Catskill mountains (Irving's *Rip Van Winkle*) to the urban poverty of Albany (Kennedy's *Ironweed*). Students may be surprised to learn just how many notable American writers spent parts of their careers in the Hudson Valley: Edgar Allen Poe, Stephen Crane, Herman Melville, Edith Wharton, Edna St. Vincent Millay, and Djuna Barnes, for example, and recent Poet Laureate Billy Collins.

ENG 235

Literary Genres: Fiction

Three Credits LA

Along with ENG 225, this course introduces students to the various forms of literature. As such, the courses are intended for students who wish to learn techniques of reading and interpreting literature before going on to more traditional literature courses. This course places primary emphasis on short and long fiction.

ENG 240

American Short Fiction

Three Credits LA

Representative works of the 19th and 20th centuries. Writers such as Poe, Hawthorne, and Melville will be examined for their contribution to the establishment of the genre, while succeeding writers such as Jewett, Wharton, Hemingway, Salinger, Cheever, and Walker will be studied for ways in which the form has developed during the two centuries.

ENG 241

Acting II

Three Credits LA

Continuation of ENG 227 or appropriate introduction. Characterization and inner techniques based on Stanislavsky System; improvisation; textual analysis; scene work with contemporary plays. Offered every spring (Fulfills requirement for English/Theatre major and Theatre minor.)

ENG 255

Introduction to Literature: Fiction and Poetry

Three Credits LA

This course seeks to increase students' ability to understand, enjoy, and appreciate complex literary works of fiction and poetry – doing so in good part by acquainting them with a set of concepts and terms that allows them to observe and describe some of the main literary resources employed by poets and fiction writers to convey meaning.

ENG 261

Spanish Literature in Translation: The Novel

Three Credits LA

Dual listed as SPAN 222

See SPAN 222 for course description.

ENG 264

Latin American Literature in Translation

Three Credits LA

Dual listed as SPAN 220

See SPAN 220 for course description.

ENG 266

Italian-American Experience

Three Credits LA

Triple listed as HIST 266 & POSC 266

This course traces the journey of Italian immigrants from their early presence in the United States during the Revolutionary War to their evolution into Italian Americans in contemporary American society. Part of the course experience is to explore the meaning of the term "Italian American." The course will examine the themes of origins, ethnicity, gender, family, personal and group identity, and assimilation within literary, sociopolitical, and historical contexts. Course discussions will focus on conflicts with dominant cultural values in America;

interactions, both peaceful and violent, with other ethnic groups; and the resources for and the obstacles to social mobility and the development of the "self."

ENG 270

Classics of Western Literature

Three Credits LA

This course examines some of the major works that form the literary tradition of Western culture. At least half of the authors will be drawn from the Pre-Christian, the Medieval, and the Renaissance periods: for example, Homer, Sophocles, Virgil, Chaucer, Dante, Shakespeare, and Cervantes. Additional reading from the post-Renaissance period may be selected by the instructor. Offered every semester. Fulfills a Foundation Requirement for the English Major.

ENG 271

Classics of Western Literature II

Three Credits LA

Taken in coordination with ENG 270 Classics of Western Literature I, this course sequence provides students with an overview of the Western literary tradition from classical times to the 21st century. Students will focus on key texts from different chronological periods in order to gain a firm sense of the wider "narrative" underlying the works they will study in upper-level courses. Questions of literary genius, tradition, and adaptation will be central to both courses in the sequence.

ENG 280

Creative Writing

Three Credits LA

An eclectic approach to the creative experience, the course allows and encourages the student to try a variety of literary genres in order to understand, from a writer's perspective, the interrelationships of verse, prose, fiction, and drama. Students may also attempt some adaptations – from their own work or the work of another. Offered every semester. (This course does not satisfy a student's Core Lit. requirement. It does, however, satisfy a student's Core-Fine Arts requirement.)

ENG 292

Special Topics in English

Three Credits LA

Identifies and explores a topic or theme in literature, theatre, or writing. The course may be used to satisfy a Core/Liberal Studies requirement in literature. Previous topics have included Black Women Writers and Civil War literature.

ENG 301

History of the English Language

Three Credits LA

A study of the development of the English language from the Old English period to the present. By applying the tools of linguistic analysis to the study of written texts, the student is able to discern general principles governing particular changes to the language. Equal attention is paid to the sociocultural and political factors contributing to these changes. By focusing on the universal conditions of linguistic change, the course prepares the student for further inquiry into the evolution of human languages. Offered in alternate years. (Fulfills the Theory requirement for English Literature and Writing majors.)

ENG 302

World Englishes

Three Credits LA

A survey of the varieties of contemporary English, their unique linguistic features and their roles in speech communities in the U.S. and around the world. Linguistic analysis of the finer features of written, oral, and electronic English is conducted through fieldwork. Depending on student interest, discussion topics may include effects of social media on English, vernacular poetry, slang, forensics, miscommunication, gender roles, Spanglish and other non-native Englishes. Coursework includes an individual project to help each student advance his/her scholarly or professional goals. Students interested in learning about linguistics, conversational analysis, communication disorders, forensics, dialectology, multilingualism, ESL education, intercultural communication, ethnography or anthropology should find this course useful. Offered in alternate years. This course fulfills the Theory requirement for the Literature and Writing concentrations.

ENG 303

Screenwriting for Film and Television

Three Credits LA

Dual listed as MDIA 301

See MDIA 301 for course description.

ENG 306

Media Performance

Three Credits LA

Dual listed as MDIA 306

See MDIA 306 for course description.

ENG 308

Literary Critical Theory

Three Credits LA

The course examines the principal movements in critical theory. Starting with Plato, Aristotle, Horace, and Longinus, it follows the development of mimetic, formal, pragmatic, and expressive theories. The last section of the course will touch on some of the new directions in criticism since 1966: feminism, deconstruction, reader response, semiotics, psychoanalysis. Offered in alternate years. (Fulfills the Theory requirement for English Literature and Writing majors.)

ENG 310

Workshop in Playwriting

Three Credits LA

Designed to help the writer explore the special nature of writing for the stage. The student-playwright will experiment with shorter and longer forms, from the scene to the full-length play. In a preliminary attempt to discover a personal voice and style, the student will examine representational and non-representational approaches to dramatic writing. Scenes will be acted out and critiqued in the classroom, with special attention paid to suitability for production. Offered every fall.

Prerequisite: ENG 150 or ENG 280, or by permission of instructor

ENG 311

Poetry Workshop

Three Credits LA

An introduction to the craft of poetry, designed to offer students direct experience in writing poetry and to heighten their awareness of the imaginative potential of language. Students gain practice in formal elements of verse, experimenting with a wide variety of traditional and nontraditional approaches. The workshop emphasizes group discussions of the student's own work, along with consideration of various contemporary models. Offered every year.

Prerequisite: ENG 180, ENG 280, or by permission of instructor

ENG 312

Business Writing

Three Credits LA

The course shows students how to function effectively as professional writers by dealing with decision making at different stages of the writing process (brainstorming, proposing, composing, and follow-up). Students learn to be aware of the conditions in which professional writers conduct themselves, interact with clients, and coordinate their functions within the team or organization. The course introduces students to a variety of the most common types of business documents and the conventions governing their production in print and multimedia formats. Students create products for clients using desktop publishing and multimedia applications where available. The ethical dimension of communication will also be considered. It is assumed that the student enters this class with a good grasp of grammar and the mechanics of writing; the course thus proceeds with stylistic and technical issues. Offered every year.

Prerequisite: Completion of Core/LS writing requirement

ENG 318

Forms in Writing

One Credit LA

This one-credit, two-week course in writing is specially designed for the English major with a Writing Concentration. Subject matter will be different for each offering. In a workshop setting, the course will expose students to an advanced

topic in one of a variety of genres, e.g., fiction, essay, poetry, or scriptwriting. Students may choose to take three of these one-credit courses to fulfill one of their three-credit writing course requirements. The course may be offered during the first, second, or third slot of the semester. Offered at least once a year.

ENG 320

English Drama I (900–1642)

Three Credits LA

A survey of drama in England, excluding Shakespeare, from its origins in the liturgy of the Medieval Church, through the English Renaissance, up to the closing of the theatres under the Puritans in 1642. Class discussions will focus not only on drama as literature but also on social history as it relates to theatre history. Works studied will represent such playwrights as Kyd, Marlowe, Jonson, and Webster. Offered in alternate years. (Fulfills the Genre requirement for English Literature majors.)

ENG 321

English Drama II (1660–present)

Three Credits LA

A survey of drama in England from the Restoration to the present. Class discussions will focus not only on drama as literature but also on social history as it relates to theatre history. Plays studied will represent such playwrights as Congreve, Sheridan, Goldsmith, Wilde, Shaw, Eliot, and Pinter. Offered in alternate years. (Fulfills the Genre requirement for English Literature majors.)

ENG 323

The Rise of the English Novel

Three Credits LA

A study of the novel form as it originated in the 18th century with Defoe and Fielding. Major emphasis is placed on the achievements of the 19th-century novelists, such as Jane Austen, Dickens, George Eliot, Emily Bronte, and Thomas Hardy. Offered in alternate years. (Fulfills the Genre requirement for English Literature majors.)

ENG 324

Chaucer

Three Credits LA

A detailed examination of his shorter poems, the dream visions, Troilus and Criseyde, and the Canterbury Tales, exploring the influences of history, politics, national cultures, literary traditions, and social classes upon those texts. Offered in alternate years. (Fulfills the Single-Author requirement for English Literature majors.)

ENG 325

Shakespeare

Three Credits LA

A study of Shakespeare's art and development through a reading of selected tragedies, comedies, histories, romances, and nondramatic poetry. Offered every year. (Fulfills the Single-Author requirement for English Literature majors.)

ENG 326

The Modern Novel in English

Three Credits LA

A study of the major British, American, and Commonwealth fiction writers in English in the 20th century, including Conrad, Lawrence, Joyce, V. Woolf, Faulkner, Pynchon, Morrison, and Rushdie. Offered in alternate years. (Fulfills the Genre requirement for English Literature majors.)

ENG 328

Modern English and American Poetry

Three Credits LA

Reading and discussion of major English-language poets from the beginning of the 20th century to the Second World War, with emphasis on Yeats, Auden, Pound, Eliot, Frost, Stevens, and Williams. In addition to the work of individual poets, attention will be given to the nature of poetry, how form and meaning are integrated. Offered in alternate years. (Fulfills the Genre requirement for English Literature majors.)

ENG 329

Seventeenth-Century Literature

Three Credits LA

A detailed examination of poetry and prose of the century. The course focuses on important schools, such as Metaphysical and Cavalier; genres, such as elegies and country house poems; authors, such as Donne, Jonson, Milton, Marvell, Dryden; and periods, such as the Commonwealth and Restoration. Offered in alternate years. (Fulfills the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 331 or ENG 336.)

ENG 330

Medieval Literature

Three Credits LA

A study of literature written in the British Isles from the earliest records through the Old- and Middle-English periods up to the Renaissance, exploring the influences of history, politics, national cultures, literary traditions, and social classes upon the development of that literature. Offered in alternate years. (Fulfills the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 361 or ENG 331.)

ENG 331

Renaissance Literature

Three Credits LA

A study of the prose and poetry of the English Renaissance, exclusive of Shakespeare, and the influence upon the literature of intellectual, literary, political, historical, and cultural movements of the period. Major authors include Wyatt, Sidney, Spenser, Marlowe, Donne. Offered in alternate years. (Fulfills the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 330 or ENG 329.)

ENG 334

The Romantics

Three Credits LA

Focuses on the major works of Wordsworth, Coleridge, Byron, Shelley, and Keats, along with the revolution in poetry they helped to bring about in the early 19th century. Attention will be given to the political, cultural, and intellectual climate of the period. Offered in alternate years. (Fulfills the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 336 or ENG 335.)

ENG 335

Victorian Prose and Poetry

Three Credits LA

Poetry and nonfictional prose of the years 1830–1880 with emphasis on selected works by such authors as Tennyson, Browning, Arnold, Carlyle, Mill, Ruskin, and the Rosettis. Attention is given to the intellectual and cultural climate in which these writers worked. Offered in alternate years. (Fulfills the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 334.)

ENG 336

Eighteenth-Century England and the Colonies

Three Credits LA

A study of the representative themes and figures of both England and the New World from the late Restoration through the turmoil of the Revolutionary period. Examination of the satiric mode through writers such as Swift, Gay, Pope, and Franklin; the meditative mode, through writers such as Edwards, Thomson, Wheatley, Gray, and Cowper; the critical/biographical mode, through writers such as Johnson, Boswell, Burke, Jefferson, Paine; the dramatic mode, through writers such as Sheridan, Goldsmith, Burney, and Tyler; and the narrative mode, through writers such as Fielding, Richardson, Rowson, and Equiano. Offered in alternate years. (Fulfills the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 329.)

ENG 339

Film and Literature

Three Credits LA

Dual listed as MDIA 339

See MDIA 339 for course description.

ENG 340

American Drama I

Three Credits LA

An exploration of the origins of theater in the American colonies and its development throughout the 19th and early 20th centuries. Types of drama such as the comedy of manners, farce, melodrama, and realism will be studied in relationship to the emerging American nation and to the status of drama in both the New World and in Europe. Playwrights studied will include, as examples, Mercy Otis Warren, Royall Tyler, William Dunlap, James Kirke Paulding, Dion Boucicault, Clyde Fitch, David Belasco, and Eugene O'Neill. Offered in alternate years. (Fulfills the Genre requirement for English Literature majors.)

ENG 341

American Drama II

Three Credits LA

An examination of dramatic literature and theatrical innovation in America from roughly the Great Depression to the present. Along with developments in dramatic realism, the emergence of sub-genres such as expressionism, surrealism, and the absurd will be studied in relationship to both their European counterparts and the social and cultural climate of America in the last two-thirds of the 20th century. Playwrights under investigation will include, as examples, Rice, Odets, Wilder, Barry, Hellman, Miller, Williams, Albee, Hansberry, Simon, Mamet, and Shepard. Offered in alternate years. (Fulfills the Genre requirement for English Literature majors.)

ENG 342

Contemporary English and American Poetry

Three Credits LA

Reading and discussion of poets who have come into prominence since World War II: Brooks, Lowell, Bishop, Plath, Hughes, Rich, Tomlinson, and others. Attention is given to developments in form and to important postwar movements, such as the Beats and the Confessionals, as well as to attitudes and themes that give significance to the term "contemporary." Offered in alternate years. (Fulfills the Genre requirement for English Literature majors.)

ENG 345

Modern Irish Literature

Three Credits LA

Reading and discussion of Irish literature written in the English language from the beginning of the Irish Literary Revival (late 19th century) to the present: Yeats to Seamus Heaney, Joyce to John McGahern. Readings include drama, the novel and short story, poetry, and nonfiction. Historical developments and cultural background, as these influenced the work and are reflected in it, will also be considered. Offered in alternate years.

ENG 346

American Renaissance

Three Credits LA

A study of mid-19th century American literature, approximately 1830–1860, highlighting the burst of artistic and intellectual creativity that culminated in the masterpieces of Poe, Emerson, Hawthorne, Thoreau, Melville, and Whitman. The influence of the Transcendentalist Movement on the literary, philosophical, social, and political climate of the period will be emphasized, including utopian and reformist efforts as well as the search for a national cultural identity. Writers to be studied, in addition to those named above, may include Fuller, Whittier, Bryant, Holmes, Longfellow, Douglass, Lowell, and Alcott. (Fulfills the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 347.)

ENG 347

American Realists and Naturalists

Three Credits LA

This course will cover American literature from the Civil War to the early part of the twentieth century. It will examine the responses of American writers to the political, social, intellectual, religious, and economic upheaval following the Civil War. The course will explore the reactions to war, the emerging issues of industrialization and regional nostalgia, and the preoccupation with the "real," imagined or otherwise, in the works of Twain, Howells, Chesnut, Chopin, Dreiser, Crane, and Wharton, among others. (Fulfills the Chronological

Contiguous Course requirement for English Literature majors when paired with ENG 346 and ENG 348.)

ENG 348

American Modernism

Three Credits LA

A study of American literature in the first half of the 20th century, emphasizing contributions of American writers to Modernism. Readings drawn from a variety of genres will illustrate the richness and diversity of the era, which was characterized above all by rapid social change. The cultural impact of significant political events and social or artistic movements will be examined, e.g., two world wars, the Great Depression, the Jazz Age, the Women's Suffrage Movement, the Harlem Renaissance, the Armory Show, expatriotism. Writers to be studied typically include some of the following: Dreiser, Wharton, Lewis, Anderson, Hemingway, Stein, Sandburg, Fitzgerald, Faulkner, Hughes, Hurston, Cather, Eliot, Williams, O'Neill, Pound, Millay, Stevens, H.D., Porter, and Ellison. (Fulfills the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 335 or ENG 347.)

ENG 349

Acting III

Three Credits LA

Advanced performance techniques in classic and modern styles. Revolving course topics include Character Study, Stage Movement, Period Styles and Voice & Diction. Offered every fall. (Fulfills requirement for English/Theatre major and Theatre minor.)

Prerequisite: MDIA 206/ENG 227 Acting I or ENG 241 Acting II, or permission of instructor. Juniors and Seniors only.

ENG 350

Directing

Three Credits LA

Dual Listed as MDIA 350

Investigation of the principles basic to directing for the stage; play analysis for production, problems in staging, working with actors; the role of the director as collaborator and leader; a direction of a final scene. Offered every spring. (Fulfills requirement for English/Theatre major and Theatre minor.)

Prerequisite: MDIA 206/ENG 227 Acting I or ENG 241 Acting II, or permission of instructor. Juniors and Seniors only.

ENG 351

Composition Theory

Three Credits LA

This course covers the main elements of English composition theory starting from ancient rhetorical theories to contemporary, modernist, postmodernist, cognitive, and expressive theoretical frameworks. This course will also touch on present-day threads of composition theory, including feminist rhetoric, deconstruction, and alternative literacy; it will also explore current issues in the study and teaching of English composition. Offered every year.

Prerequisite: Completion of ENG 185 or permission of instructor or chairperson

ENG 352

Technical Writing

Three Credits LA

The student is guided through all phases of the production of technical documents, including research and visual presentation of information. The focus of the course, however, is on clear and effective technical writing. As such, writing and editing assignments are designed to help the student appreciate the special requirements of technical communication. Documents covered include usability studies, technical reports, and hypertexts. Through these assignments, the student learns to apply a variety of word-processing technologies and desktop-publishing capabilities. Students also work in teams on a client-based project. Offered every year.

Prerequisite: Completion of Core/LS writing requirement

ENG 353

Ethnic American Literature

Three Credits LA

The course will introduce students to the literary discourse of what is called ethnic literature. "Ethnic" denotes more than just a group of people with common

origin; it describes a group of people united or connected by shared experiences. The course will examine such topics as ethnicity, identity, discrimination, gender, and assimilation in the experience of different ethnic groups as represented in the works of Gordon, Baldwin, Erdrich, Howe, DiDonato, Neale, Gioseffi, Kingston, Morrison, and others. It will emphasize the contributions of prominent racial and ethnic groups to the American cultural and literary scene. The course will vary from year to year and may focus on one or two authors or a particular movement. However, despite the variations, students may take the course for credit only once. (Fulfills Comparative/Ethnic/National requirement for English Literature majors.)

ENG 354

British Modernism

Three Credits LA

This course examines British and Irish Modernist writers, such as Lawrence, Woolf, Joyce, Mansfield, Foster, Yeats, and Eliot. While we will undertake close textual readings, the course focuses less on determining the "meanings" of discrete texts and more on looking at theoretical issues. As such, the course will follow four strands: modernism as an international movement; the texts in relationship to the intellectual and ideological temper of the times; modernist literature in relationship to other arts of the period; modernism and literary experimentation. Offered every other year. (Fulfills the Chronological Contiguous course requirement for English Literature majors when paired with ENG 335.)

ENG 355

The History of the Modern Theatre

Three Credits LA

A study of international theater from 1870 to the present; the history of significant movements in writing, designing, directing, producing, acting, etc.

ENG 360

Ancient Greek Literature

Three Credits LA

A study of archaic and classical Greek literature in translation. Readings include the epics of Homer; the lyrics of Sappho; major tragedies of Aeschylus, Sophocles, and Euripides; a comedy by Aristophanes and the literary criticism of Aristotle. Offered in alternate years. (Fulfills the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 361.)

ENG 361

Ancient Roman and Early Christian Literature

Three Credits LA

Dual listed as REST 361

The literature of Rome from roughly 400 B.C. to 500 A.D. in translation. Readings include comedies by Plautus, Cicero's prose, poetry of Catullus and Horace, Virgil's Aeneid, and Ovid's Metamorphoses, as well as literature of the early church (gospels and epistles). The course ends by examining an author who attempts to merge Christian and pagan traditions, such as Augustine or Boethius. Offered in alternate years. (Fulfills the Chronological Contiguous Course requirement for English Literature majors when paired with ENG 360 or ENG 330.)

ENG 363

Modern Drama

Three Credits LA

An exploration of the development of modern drama through continental and global movements from the late Renaissance to the present. From Tass, de Vega, Molière through Ibsen, Chekhov, Strindberg, Brecht, Pirandello, Ionesco. From classicism and commedia dell'arte through realism, expressionism, epics, and the absurd. Nonwestern developments as well. Offered every two years. (Fulfills the Genre requirement for English Literature majors.)

ENG 370

Modern Jewish Literature

Three Credits LA

This course charts the development of Jewish literature from the late 19th century to the present. In looking at works from Europe, the United States, and Israel, the course explores the ways the Jewish literary tradition, under varied and urgent pressures, has confronted the often competing claims of nationalism, ethnicity,

religious faith, cultural traditions, and the pull of modernity. The reading list for the class will include works by Franz Kafka, Isaac Bashevis Singer, Cynthia Ozick, Philip Roth, and others. Offered in alternate years. (Fulfills Comparative/Ethnic/National requirement for English Literature majors.)

ENG 371

The Hebrew Bible as Literary Classic

Three Credits LA

Dual listed as REST 371

This course examines the range and variety of literary forms contained in the Bible. It seeks to identify those qualities, stylistic and conceptual, which unify this collection of ancient Hebrew writings as well as those qualities which have made the Bible an all-time best seller. Attention will be given to the historical and cultural background, but the emphasis will be upon literary and aesthetic considerations. Offered in alternate years. (Fulfills Comparative/Ethnic/National requirement for English Literature majors.)

ENG 373

Literature of the Holocaust

Three Credits LA

The focus is on significant works of modern literature in fiction, drama, poetry, and autobiography which present the Nazi Holocaust as the experience of individuals: victims, perpetrators, bystanders. Themes, motifs, and images in these works will be considered, along with fundamental questions raised about man and human life. The readings should offer a deeper understanding of a uniquely tragic event of the 20th century, one which has influenced the lives of all of us. Offered in alternate years. (Fulfills Comparative/Ethnic/National requirement for English Literature majors.)

ENG 380

Workshop in Nonfiction

Three Credits LA

Study of, and guided practice in, a variety of contemporary nonfictional forms and modes, e.g., the feature article and familiar essay, satirical and humorous writing, autobiography. More extended attention to rhetorical considerations of style, tone, and persona or voice. Offered every year.

Prerequisite: ENG 180 or ENG 280, or by permission of instructor

ENG 382

Workshop in Fiction

Three Credits LA

The student is given the freedom to explore individual potential in the writing of short fiction. Course includes workshop sessions, discussion of student work, and readings on the craft of fiction. Offered every year.

Prerequisite: ENG 180 or ENG 280, or by permission of instructor

ENG 392

Special Topics in English

Three Credits LA

Identifies and explores a literary, linguistic, theatre, or writing topic, usually more specialized than regular offerings. Previous topics have included Language and the Mind, D. H. Lawrence, American Women Poets, the Prose Poem, and Acting Shakespeare, among others. Offered at least once every three years.

ENG 403

Advanced Screenwriting

Three Credits LA

Dual listed as MDIA 401

See MDIA 401 for course description.

ENG 427

Seminar in English Literature

Three Credits LA

Advanced study of a British intellectual and aesthetic movement, or of a literary problem, theme, topic, or writer. Offered every three years.

ENG 428

Junior/Senior Research Seminar

Three Credits LA

The seminar offers in-depth treatment of topics in genre, historical periods, critical theory, tropes or themes, single authors, and other areas of literary study, with an emphasis on archival and bibliographic research methods. The seminar model allows for greater classroom participation by each student and more extensive research projects, culminating in a substantial final essay. Topics vary by semester. May be repeated for credit, provided topics are different.

ENG 429

Independent Research: English Literature

Three Credits LA

Offered upon request. Permission of instructor required.

ENG 435

Theatre in the Round

Three Credits LA

The course is intended for playwrights, actors, directors, and production persons who wish to meet the artistic and logistical challenges presented by performance in which the playing area is surrounded by the audience. Through a series of exercises, students will produce short scenes and one-act plays based upon original material generated by those in the class. After preparing them via workshop activities, these works will eventually be presented in appropriate spaces to an external audience. (Fulfills either upper-level writing credit for the English Writing major or Theatre Arts credit for the English Theatre major.)

ENG 440

Senior Research Methods in Literature

Three Credits LA

This course introduces students to advanced literary research methods, both those in traditional print and those in new electronic forms. In addition to becoming familiar with the essential methods of research and research tools in the field of literature, students will develop and undertake a research project that will serve as a senior thesis, in effect completing their literature specialization.

ENG 442

Independent Research: American Literature

Three Credits LA

Offered upon request. Permission of instructor required.

ENG 443

Seminar in American Literature

Three Credits LA

Advanced study of an American intellectual and aesthetic movement, or of a literary problem, theme, topic, or writer. Offered every two to three years.

ENG 451

Theatre Workshop

Three Credits LA

This workshop offers the student an opportunity to study and experience one or more of the roles of writer, actor, and/or director. The student's projects for the semester are arranged by an individual contract between the student and the instructor. Offered every year.

Prerequisite: ENG 350 or permission of instructor

ENG 477

Capping Course

Three Credits LA

A capping course required for all Senior English majors. Topics vary. Offered every year.

ENG 490

Independent Writing Project

Three Credits LA

This course is mainly for English Writing Concentration majors and minors. Students will prepare a written proposal prior to the start of class and submit it to the professor. The proposal will outline the student's writing project for the semester including expected goals and outcomes. Upon approval, the student will produce a significant portfolio of work under the tutelage of the professor. The

aim of this course is to have students graduate from the program with a significant body of written work. This course may be taken instead of an internship.

ENG 497-498-499

Internship in English

Three-Six-Nine Credits

The Internship in English is highly recommended for juniors and seniors. The English Department offers three different internships that correlate well with the three concentrations in the major: Writing, Theater, and Literary Research. Each is designed to provide experience leading to a professional career, offering practical training related to the student's concentration or interests. Recent placements include advertising firms, PR consultancies, theater companies, news media, TV shows, and the college's Writing Center. The Research internship allows advanced students the opportunity to work directly with English faculty as research assistants, learning the skills necessary for graduate study, research, and teaching. Each intern compiles a portfolio of works from the assignment. The intern's training is supervised by the employer on site as well as by the internship coordinator on campus. Internships in writing fulfill part of the upper-level writing major and minor requirements. Available every semester.

Prerequisite: Permission of internship coordinator

ENVIRONMENTAL SCIENCE & POLICY (ES&P) COURSES

ENSC 101

Introduction to Environmental Issues

Three Credits LA

Examines natural systems, adverse impacts of human activities upon these systems, and how society deals with these impacts. Topics may include ecology; biodiversity; forests and deforestation; human population growth and control; food production and world hunger; energy resources; and water and air pollution. In addition to the science of these topics, related politics, economics, and ethics are discussed. Offered each semester.

ENSC 125

Field and Lab Experience

One Credit LA

A diversity of experiences will complement and add to topics covered in ENSC 101 lecture. These will provide tangible examples of the scope of environmental science and policy, ranging from developing observation skills in the natural world, field and lab measurements and experimentation, and practical applications in utilities and other organizations.

ENSC 202

Environmental Politics and Policy

Three Credits LA

Dual listed as POSC 202

The nature, composition, and organization of parties and pressure groups; the role played by these two forces in the political process; history and programs of parties and pressure groups will be analyzed. Also the nature of contemporary voting behavior is examined.

(Does not fulfill Core/LS Natural Science requirement.)

Prerequisites: ENSC 101, POSC 110

ENSC 210

Introduction to Geology

Three Credits

This course focuses on Earth's geologic resources and how they influence man's use of the physical world. Topics include plate tectonics; earthquakes; rock and mineral formation; weathering and erosion; groundwater and surface water; stratigraphy and energy resources; glaciation and geologic history. Students make observations and measurements and translate them into meaningful data from which inferences can be drawn. Through hands-on experience, students gain skills of map reading, identification of minerals and rocks, interpretation of geologic and topographic maps.

Prerequisite: ENSC 101

ENSC 212

Introduction to Geology Laboratory

One Credit LA

Laboratory to accompany ENSC 210.

Corequisite: ENSC 210

ENSC 230

Introduction to Geographic Information Systems

Three Credits LA

This course will provide an introduction to Geographic Information Systems. A Geographic Information System is a series of tools to create, edit, maintain, and analyze maps and data about features that occur over a specific geographic area. The course will detail the terminology, concepts, and applications that are commonly used with GIS. Hands-on training will be provided in the labs for input and edit functions, ad hoc query and analysis functions, and facilities-management functions.

(Does not fulfill Core/LS Natural Science requirement.)

Prerequisite: ENSC 101

ENSC 305

Environmental Economics

Three Credits LA

Dual listed as ECON 305

A policy-oriented examination of the relationship between the economy and the natural environment. Topics include the environmental consequences of economic growth and development; the labor market impacts of environmental legislation; and the economic theories of "public goods" and "social costs."

(Does not fulfill Core/LS Natural Science requirement.)

Prerequisite: ECON 103

ENSC 306

Environmental Health

Three Credits LA

This course explores the relationship between the environment and human health, and what people can do to protect and enhance their physical well-being while, at the same time, have a positive influence on the quality of the environment. The course is designed to familiarize students with the field of environmental health, the common problems encountered by people in this profession, and the basic scientific and technical reasoning used in addressing those problems. Emphasis is on providing a general understanding of how environmental factors are involved in the transmission of communicable diseases and the health hazards resulting from exposure to chemical and physical materials in our environment.

Prerequisite: BIOL 130 or BIOL 101 or ENSC 101

ENSC 308

Introduction to Occupational Safety and Health

Three Credits LA

In 1970 the federal Occupational Safety and Health Act (OSHA) was passed. Employers have been required since then to provide a safe and healthy workplace for their employees. Knowledge of these standards is important when applying for employment in science and business. This course will provide knowledge of those standards including hazard communication, laboratory safety, safety and health management, blood-borne pathogens, and personal protective equipment. Upon completion of this course, students will receive the OSHA 30-hour training certificate for General Industry.

ENSC 309

Environmental Chemistry Laboratory

One Credit LA

This course is designed to provide the student with an understanding of the reactions, transports and effects of naturally occurring chemical systems. The major modern anthropogenic pollutants and their effects upon the environment will also be studied. Students will become acquainted with facilities such as; the on-campus River Laboratory, the Mobile Aquatic Laboratory, the Hudson River monitoring station (HRECOS), and analytical instrumentation including: ICP, portable GCMS, handheld XRF, and HPLC. Instrumental techniques used will include UV/Visible spectrophotometry, flame and furnace atomic absorption spectrophotometry, and gas chromatography.

Prerequisites: CHEM 111, CHEM 115, and CHEM 202 or CHEM 215

Corequisite: ENSC 310

ENSC 310

Environmental Chemistry

Three Credits LA

This course is designed to provide students with an understanding of the reactions, transport, and effects of naturally occurring chemical systems. The course will include procedures of collection and analysis of soil, water and air environmental samples. The science of nanotechnology and related environmental concerns will be considered. The major anthropogenic pollutants and their effects upon the environment will also be studied. Safety procedures and regulations will be included.

Prerequisites: CHEM 111, CHEM 115, and CHEM 201 or CHEM 211

ENSC 313

Environmental Microbiology

Three Credits LA

This course is an extension of basic microbiological methods for analyzing environmentally important processes. Since many of the functions of ecosystems are governed by microorganisms, the microbiota are likely to be key indicators of environmental impacts. Topics in this course include microbial diversity, ecological parameters affecting microorganisms, population interactions, and applied aspects of microbial ecology. *Two-hour lecture, three-hour lab per week.*

Prerequisite: BIOL 312

ENSC 315

Natural History of the Hudson Valley

Three Credits LA

A field-based course providing familiarity with identity and ecology of local flora and fauna and the environments in which they exist. Species diversity of major groups of organisms, e.g., trees, birds, fish, and insects will be explored through field observations and collections. Special emphasis is placed upon three identifications using multiple features, e.g., bark, seeds, buds, fragrance, as well as foliage. Observations are conducted on campus at Fern Tor and at various natural sites in the mid-Hudson Valley. Students must be in good health, able to work outdoors for 3–4 hours under varied physical conditions, and take all necessary precautions. Students spend additional field time independent of class time.

Prerequisite: One college-level environmental science or biology course

ENSC 327

Freshwater Ecology

Three Credits LA

Dual Listed as BIOL 327

Examines the dynamics and structure of freshwater ecosystems. Physical and chemical characteristics are described, and how they affect life in these ecosystems. Interactions between producers and consumers are also studied, to understand how energy and nutrients flow through interconnected food chains. The complex and highly relevant connections between water bodies and their surrounding lands are emphasized. Lab includes field trips to interesting sites. Students learn methods and operation of equipment used by professional aquatic biologists for collecting and analyzing chemical and biological samples. Laboratory work concentrates on analyses of samples collected in the field, producing data that are summarized and evaluated.

Prerequisites: BIOL 130-131 and at least one semester of chemistry with lab

ENSC 330

Advanced Geographic Information Systems

Three Credits LA

Students will gain an in-depth understanding of the architecture of specific GIS solutions and the issues and procedures facing users. Upon completion of this course, the student should be able to: understand various GIS architectures; understand, contrast, and articulate the benefits of one GIS architecture vs. others; understand in detail the data conversion process; learn applications and input data; complete a GIS research project.

(Does not fulfill Core/LS Natural Science requirement.)

Prerequisite: ENSC 230

ENSC 340

Epidemiology

Three Credits LA

Emphasis is placed on the principles and methods of epidemiologic investigation, appropriate summaries and displays of data, and statistical approaches to describe the health of populations. Topics includes the dynamic behavior of disease and methods to measure as well as the ability to describe the extent of disease problems. Designs for investigating associations between risk factors and disease outcomes are also introduced. Application in the areas of health services, screening, genetics, and environmental policy are presented.

ENSC 360

Ecology: Principles & Practice

Four Credits LA

Dual listed as BIOL 360

This course involves the study of the interrelationships among organisms and with their environments. Topics include organism responses to physical and chemical conditions, population growth and regulation, intra- and interspecific competition, herbivory, predation, parasitism, mutualism, community structure, ecosystem productivity, nutrient cycling, and decomposition. *Three-hour lecture per week, three-hour fieldwork/lab per week.*

Prerequisites: BIOL 130-131; one semester of college CHEM with Lab; MATH 130. Junior or senior standing recommended

ENSC 380

Principles of Environmental Assessment

Three Credits LA

The purpose of this course is to examine the NEPA- and NYS SEQRA-based approaches to environmental impact assessment. Students will learn how to design a statistically acceptable monitoring program; how to collect samples; how to prepare and preserve samples for analyses; and how to interpret environmental data in the assessment of impacts.

Prerequisites: ENSC 101, BIOL 360, MATH 130, and one semester of college chemistry lab

ENSC 398-399

Internship

Three Credits each

The internship is designed to be a pre-professional work-related experience at an off-campus location. Generally taken in the junior or senior year, placements may be obtained within scientific, governmental, or advocacy organizations or with private consulting firms and environmental laboratories. The student intern will be supervised by an on-site professional and by the Environmental Science & Policy internship coordinator. Internships must be approved by the Program Director and the Office of Career Services prior to their commencement.

ENSC 401-402

Special Topics in Environmental Science I–II

One-Three Credits LA

These courses provide an upper-level experience for Environmental Science & Policy majors, and deal with specialized areas such as environmental management and regulation, the politics of environmental control, environmental planning, etc. The instructor determines the one topic that will be explored during the semester. The topic will be announced before registration. Hours per week vary with credits.

Prerequisites: ENSC 101 and possibly others

ENSC 404

Environmental Toxicology

Four Credits LA

This course will introduce students to the methods involved in measuring toxic effects of chemical and/or physical agents on living organisms. Students will become familiar with toxicant detection in environmental samples; the effects of toxicants on test organisms; risk associated with different exposure levels; and the relationships between toxicant levels and the regulatory criteria for those toxicants. Basic metabolic, physiological, and pharmacological concepts will be used to explain the fate of toxicants in the body, with emphasis on transformation, carcinogenesis, and mutagenesis. *Three-hour lecture, three-hour laboratory per week.*

Prerequisites: BIOL 130-131 and CHEM 131-132

ENSC 415

Environmental Science & Policy Seminar

One Credit LA

This discussion-based course serves as a forum for students from the Science and Policy concentrations to discuss their perspectives with each other and with faculty. The instructor will choose a theme to guide readings and discussions. Students and the materials they choose will be the primary sources of information. Learning will occur largely through questioning, reasoning, synthesis, and discussion, rather than simply by absorbing information.

Prerequisite: Junior standing in Environmental Science & Policy

ENSC 420

Environmental Planning

Three Credits LA

Dual Listed as POSC 420

This course will cover the constitutional principles, values, and socioeconomic impacts affecting planning; basic planning, land-use, and development practices such as environmental impact statements, master plans, citizen participation; and issues facing environmentally sound planning today.

(Does not fulfill Core/LS Natural Science requirement.)

Prerequisites: ENSC 101 and POSC 240, or permission of the instructor

ENSC 425

Environmental Law

Three Credits LA

An overview of current environmental law issues, including impact review, air and water quality, solid and hazardous waste, and toxic substances. Emphasis on federal and state statutory and regulatory requirements, and case-law interpretation.

(Does not fulfill Core/LS Natural Science requirement.)

Prerequisite: ENSC 101

ENSC 426

Seminar in Environmental Investigation and Remediation

Three Credits LA

Contamination of environmental media (soil, water, soil gas, etc.) may result from a variety of human activities and represents a threat to the usability of property, the vitality of ecosystems, and the health of humans. This course will explore the complimentary topics of environmental investigations and contaminant responses (e.g., "remediation"). The course objectives are for students to become familiar with the spectrum of investigative techniques for each media, to appreciate the limitations of contaminant delineation, and to gain a basic understanding of a broad range of remedial actions (both their potential and their limitations). This course will utilize data from actual regulated sites, which provide greater details on various classroom discussion topics, offering students the opportunity to more fully comprehend the challenges of decision-making in an imperfect world. Students will be responsible to work both independently and in groups during the semester.

ENSC 440-441

Research I-II

Three Credits each LA

Students conduct research in Environmental Science or Policy under the direction of a faculty member. Students make individual arrangements with a faculty member to plan and conduct the study. At the end of her/his work, a written report and a public seminar are presented by the student, which may include presentation at a scientific conference.

Prerequisite: Permission of the Chair of Environmental Science & Policy

ENSC 477

Environmental Science and Human Values

Three Credits LA

This is the capping course in Environmental Science & Policy. The course examines the moral implications of human attitudes regarding other species and the environment. This course explores the historical roots and current world views that have generated the present state of widespread environmental degradation. The interrelationship of ecology, economics, sociology, and ethics will also be studied.

Prerequisite: Senior standing

FASHION DESIGN AND FASHION MERCHANDISING

FASH 100

Fashion in Culture & Commerce

Three Credits LA

This course explores fashion within the arenas of culture and commerce. It provides students with industry theory, terminology and structures, while examining the historic role, evolution and social dimensions of fashion (particularly in regard to the role of women in society), the interplay of Eastern and Western design aesthetics in modern fashion, iconic design, the role of celebrity in modern fashion, and the way in which fashion trends mirror contemporary values and culture. Issues discussed include ethics, art and architectural movements, sustainability, labor and safety practices, environmental support, and globalization.

FASH 126

Creative Process

Three Credits

This introductory course acquaints students with the professional materials, tools and techniques required for the successful construction of inspiration, mood and concept boards for the presentation process required in the contemporary fashion industry. Exploration of materials, tools and techniques include: The vast array of papers and composite boards that are available for use, the drawing mediums of crayon, pencil and ink, the color mediums of gouache, watercolor and marker, brushes, adhesives and their properties and uses, cutting tools, cutting mats, erasers, burnishers and fixatives. In addition, the student will be introduced to fundamental design concepts: Focus, color, line, space and movement, light and texture, perspective and illusion, informing the goal of a dynamic, communicative and inspiring composition. FD Majors only.

FASH 130

Fashion Figure Drawing

One Credit

This entry-level drawing class studies the elements of the figure in fashion proportion and in fashion poses. Students work to develop a personal line, style and personality in figure presentation. Offered in Fall semester only. FD Majors only.

FASH 131

Fashion Figure Drawing II

One Credit

This course is a continuation of FASH 130 and provides additional and extended study of the elements of the figure in fashion proportion and in fashion poses. Offered in Fall semester only. FD Majors only.

FASH 132

Fashion Figure Drawing III

One Credit

This course is a continuation of FASH 130 and provides additional and extended study of the elements of the figure in fashion proportion and in fashion poses. Offered in Spring semester only. FD Majors only.

FASH 133

Fashion Figure Drawing IV

One Credit

This course is a continuation of FASH 130 and provides additional and extended study of the elements of the figure in fashion proportion and in fashion poses. Offered in Spring semester only. FD Majors only.

FASH 140

Fashion Design I: Drawing & Color

Three Credits

Students learn to develop basic drawing skills and color theory to portray fundamental fashion figures and garment details. Offered in Fall semester only. Minimum grade of C required to take the next course in Design sequence, FASH 240.

Prerequisite: FASH 130, FASH 131, FASH 132 or FASH 133

FASH 200

Textiles: Studies & Applications

Three Credits

A comprehensive overview of the textile industry. Students develop a basic knowledge of fibers, yarns, cloth construction, finishes, and textile terminology. Theoretical knowledge is applied to fabric selection for appropriate end uses.

Prerequisite: FASH 100

FASH 210

Design Studio Techniques

Three Credits

This course is an introduction to professional construction techniques and terminology used in the apparel industry. Hand and machine sewing will be addressed as well as proper use of industrial equipment and tools. Patterns, layout, cutting and creation of first sample spec sheets will also be introduced. FD Majors Only. Minimum grade of C required to take the next course in Design sequence, FASH 230.

FASH 230

Apparel Development I

Three Credits

This course is an introduction to patternmaking and draping for apparel design. Students will learn the fundamentals of two dimensional patternmaking and three dimensional draping. The relationship between the two methods is emphasized. Fit, silhouette, proportion, fabrication, customer profile and trend analysis will also be introduced. Offered in Fall semester only.

Prerequisite: FASH 210 with minimum grade of C

FASH 231

Apparel Development II

Three Credits

This course is a continuation FASH 230. Advanced patternmaking and draping techniques are covered with a focus on body contouring and soft silhouettes. Advanced construction and fitting techniques are also covered. Offered in Spring semester only. This course is a co-requisite with FASH 240.

Prerequisite: FASH 140 & 230 with minimum grade of C

FASH 235

Fashion Trend Forecasting & Analysis

Three Credits

In this course students will learn the mechanics of trend and its function in the business of fashion. This course addresses the identification, gathering, communication and presentation of trends as the responsibility and procedures of the fashion forecaster. Students will use consumer-insight techniques to understand and track trends and use them to inform their research, design and product development.

Prerequisite: FASH 100

FASH 240

Fashion Design II: Presentation

Three Credits

Students develop advanced drawing techniques by rendering various fabric textures, colorations, prints, and weights. Students begin to design themed collections from inspiration to final presentation. Students also prepare technical flats and supporting materials to help communicate their designs. The ability to professionally present their work is emphasized. Offered in Spring semester only. This course is a co-requisite with FASH 231.

Prerequisite: FASH 140 & 230 with minimum grade of C

FASH 245

Digital Fashion Design I

Three Credits LA

This course is an introduction to basic tools and techniques of digital media design as related to the contemporary fashion industry. Adobe® Illustrator and Photoshop, as universal platforms, are examined in depth. Projects and weekly assignments are designed to give the student an understanding of the differences between these two interfaces and the distinction of their uses as an object/vector oriented program (Illustrator) and an image/raster oriented program (Photoshop). FD & FM majors or minors.

FASH 261

Event Planning

Three Credits

This course introduces students to special event planning processes and techniques. Emphasis is on creating, organizing, identifying sponsors for, marketing and implementing large-scale events for the community or businesses. Topics to be explored include vendor interaction, contracts, fundraising, budgeting, ethics and other aspects. When possible, students will organize an actual event.

Prerequisite: FASH 100

FASH 265

Retailing Principles & Practice

Three Credits

This course is designed to provide an introduction and overview of the various types of retail organizations. The buying cycle is analyzed as a series of strategic decisions made by retail managers in order to communicate more effectively with their customers through the utilization of multi-channel retailing opportunities and the identification of potential target markets through the analysis of demographics and psychographics. SWOT is introduced as a tool for understanding and positioning retailers in today's competitive marketplace.

Prerequisite: FASH 100

FASH 266

Writing for Fashion

Three Credits LA

This course combines instruction in the unique nature of fashion writing with the fundamentals of fashion magazine production. Emphasis is placed on identifying audience, choosing powerful content and telling the story of the Marist Fashion Program through both written and visual means. Students can elect to specialize in writing, art direction or layout. Permission of instructor required.

FASH 267

Textile Design

Three Credits

This course will encompass the hand printing techniques for textile design with an emphasis on silk screening for ready-to-wear fabrics. Techniques covered will include: batik, hand painting, stenciling, block and placement printing. Special techniques for appliqué, devoré, embroidery, pleating and smocking will also be covered.

Prerequisite: FASH 200

FASH 268

Digital Fashion Design II

This advanced digital course explores in depth the tools and techniques of digital media design as related to the contemporary fashion industry. Using Adobe® Illustrator and Photoshop, it is designed toward the rendering of mood and inspirational graphic layouts for presentation to the industry including: target market assessment, seasonal color stories and commercial trends. Projects and weekly assignments seek high communicational values, intensive research and critical analysis of the market.

Prerequisite: FASH 245

FASH 269

Visual Merchandising

Three Credits

This course introduces the student to the display, theories, and processes of visual merchandising presentation in retail, showroom and other fashion settings. Students will learn interior and exterior merchandise presentations and image displays, and be able to conceptualize, execute, install and critique projects within the context of group participation and effort.

Prerequisite: FASH 100

FASH 261

Event Planning

Three Credits

This course introduces students to special event planning processes and techniques. Emphasis is on creating, organizing, identifying sponsors for, marketing and implementing large-scale events for the community or businesses. Topics to be explored include vendor interaction, contracts, fundraising,

budgeting, ethics and other aspects. When possible, students will organize an actual event.

Prerequisite: FASH 100

FASH 295

Fashion Show Production

Three Credits

This course provides hands-on experience in the functions and procedures of professional fashion show production. It analyzes the promotional and selling importance of fashion shows for manufacturers and retailers. Students, in committee groups, apply the theoretical material to producing a full-scale fashion show that showcases student designs. Offered in Spring semester only. Permission of Program Director required.

Prerequisite: FASH 100

FASH 300

Product Development

Three Credits

Presents an overview of apparel manufacturing and product development focusing on the function and practices of product development from concept to delivery. Topics include: supply chain management, understanding and defining the target market, researching fashion trends from color and fabric to silhouette, specing, construction, quality control, sourcing and costing.

Prerequisite: FASH 200, FASH 235, FASH 245

FASH 304

Merchandise Planning & Control

Three Credits

This course provides an in-depth analysis of the mathematical concepts and calculations involved in profitable merchandising. Students work with actual retailing scenarios to apply merchandising formulas such as profit and loss, open-to-buy, mark-up, stock turnover, and the retail method of inventory.

Prerequisite: FASH 265

FASH 306

Sustainability in Fashion

Three Credits LA

A survey of contemporary issues related to sustainability and the global fashion industry. Through readings, film and experiential activities, students explore the human, ecological and economic costs associated with the current system and generate solutions with both immediate and long-term applications.

FASH 310

Apparel Development III

Three Credits

Students learn design, draping, patternmaking, fitting and construction techniques with a concentration on tailored sportswear. Offered in Spring semester only. This course is co-requisite of FASH 345.

Prerequisite: FASH 231 & 240 with minimum grade of C

FASH 315

Retail Entrepreneurship I

Three Credits

This course will allow students to delve into the nuances of retail entrepreneurship. Students will gain an understanding of all steps required to develop a business plan, as well as running and maintaining a retail fashion boutique.

Prerequisite: Permission of instructor required.

FASH 318

Apparel Supply Chain Management

Three Credits

An examination of the role of the merchandiser in the apparel production process will introduce a study of the supply chain and its management. Topics to be covered in detail throughout the course include purchasing fabric and trims, single and blended production sourcing, tooling up the factory, steps in garment construction, costing the garments in single and multiple factories, compliance, traffic and logistics, and customs.

Prerequisites: FASH 300

FASH 325

Private Label Development

Three Credits

Using the knowledge they have in research principles and theories from prerequisite study of product development, retailing, textiles, computer assisted design, and other merchandising courses, students will solve problems from the perspective of a buyer/product developer for a retailer. Topics include defining the customer, brand development or expansion, and understanding gross margin.

Prerequisite: FASH 300

FASH 341

Fashion Branding & Licensing

Three Credits

This course considers the importance of the branding and licensing of goods and services sold in today's global marketplace with particular emphasis on the business of fashion design and merchandising. Topics discussed will include brand development, brand evolution, and brand strategy as well as the key intellectual property factors of patents, trademarks, and copyright. Guest speakers will help demonstrate the practical solutions that designers and creators of original material utilize in order to achieve artistic and financial success. Students will develop a clear understanding of the impact of brands and licenses on media, advertising, and fashion in today's society.

Prerequisite: FASH 265

FASH 345

Fashion Design III: Design Workshop

Three Credits

This course builds on the skills taught in the previous two classes in this cycle. Students continue to design themed collections with emphasis placed on producing professional quality presentations. Students also prepare technical and designer flats as well as three-dimensional supporting material to inform their designs. Offered in Spring semester only. This course is a co-requisite of FASH 310.

Prerequisite: FASH 231 & 240 with minimum grade of C

FASH 355

Buying, Planning & Allocation

Three Credits

This course explores the scope of responsibilities for a buyer in today's competitive retail industry. Through the development and understanding of a company's financial 6 month buying plan, the student gains understanding of assortment planning, allocation, sales, promotion, merchandise procurement and the buyer/vendor relationship.

Prerequisites: FASH 265, FASH 304

FASH 367

Advanced Fashion Show Production

Three Credits

Students expand upon knowledge gained in FASH 295/Fashion Show Production to become specialized leaders for publicity/promotion, backstage or front-of-house teams for the production of the annual Silver Needle Fashion Show. Leadership skills are developed in regard to event pre-planning, organization and execution of a major public event. Offered in Spring semester. Permission of the Program Director required.

Prerequisites: FASH 295 & permission of the Program Director

FASH 370

Knitwear Design

Three Credits

A hands-on studio elective. Students learn to create a variety of stitches, textures, and motifs and to apply these techniques to original designs.

FASH 381

History of Modern Fashion

Three Credits LA

This course is devoted to the study of the fashion industry and the clothing styles as related to world events that occurred from the middle of the 19th Century to the present day. Using the political, social, economic, technological and aesthetic environment as a backdrop for understanding the various period styles

that occurred as an action or reaction to that environment, the student will gain fundamental knowledge of the mechanics and dynamics of cycles, trends and fads that constantly initiate change in the contemporary world of fashion.

FASH 377, 386, 387, 393, 394, 396, 397, 398, 399, 482

Fashion Internship

One to Fifteen Credits

Students are offered opportunities for professional internships during their junior and senior years. Internships are possible in designer firms, apparel manufacturing companies, textile companies, and retail organizations both locally and in New York City. Each intern has an on-site supervisor as well as a faculty supervisor. Allowable credits are determined by the internship coordinator.

Prerequisite: Permission of the Internship Coordinator and Program Director

FASH 400

Employment Seminar

One Credit

This course helps graduating students to identify and pursue a fulfilling career. Topics include networking, resume guidelines, company research, and interviewing skills.

Prerequisite: FASH 100

FASH 415

Advanced PDM Software

Three Credits LA

Students learn the apparel product development process via a web based product data management solution called Web PDM. This solution will shorten cycle time and reduce development cost of apparel companies by streamlining the tasks involved and using just Gerber WebPDM to define all of the technical aspects. Students will define a concept company and develop a small line catered to a target market and process all tasks related to creating the product using various tools that will all be used in conjunction with Web PDM. The student will be responsible for developing a market calendar around key dates. These key dates will include: Initial Concept, Brand/Season Strategy, Design Review.

Students will utilize clothing vocabulary and terminology as it pertains to current and historical references of different garments, silhouettes, and their parts. It also examines the elements and principles of design, emphasizing proportion and pleasing balance.

Prerequisites: FASH 245, FASH 300

FASH 455

Global Merchandising Strategies

Three Credits

Explores the global aspects of retail strategies through the examination of the economic, geopolitical, cultural and other factors governing the basic tenets of today's globalized marketplace. Various international regions are analyzed in terms of their market characteristics and current retail environment. U.S. retailers operating globally are also discussed and analyzed in detail. Topics include fair trade, free trade, sustainability, and the expansion of the globalized marketing system through multi-channel retailing.

Prerequisite: FASH 265

FASH 477

Fashion Merchandising Capping

Three Credits LA

A capping course required for all Senior Merchandising Majors. The Capstone project requires the student to relate his/her knowledge of fashion merchandising related courses and the core to a research project. Offered Fall and Spring Semesters

Prerequisites: By concentration

FASH 478

Fashion Design Capping I: Portfolio Development

Three Credits LA

In this course students develop a professional portfolio exhibiting their individual style and specialization in the design field. Through individual discussions and critiques of design work, each student creates a portfolio demonstrating the broadest range of their designs, illustrations, technical ability, and garment

knowledge. Offered in Fall semester only. Fulfills Part I of the capstone experience for Fashion Design majors. This course is a co-requisite of FASH 479.

Prerequisites: FASH 310 & 345 with minimum grade of C

FASH 479

Fashion Design Capping II: Runway Collections I

Three Credits LA

This course is a co-requisite of FASH 478.

Prerequisite: FASH 310 & 345 with minimum grade of C

FASH 480

Fashion Design Capping III: Runway Collections II

Three Credits LA

These courses serve as Parts II and III respectively of the capstone experience for Fashion Design majors. Students design and execute an original apparel collection. Fashion industry standards are followed in all stages of garment design and construction. Emphasis is placed on the following: concept origination, research methods, documentation of design processes, aesthetic judgment in design adoption, fabric selection, styling, draping, patternmaking, construction, fitting, time management, organizational methods, communication, and presentation. FASH 479 offered in Fall semester. FASH 480 offered in Spring semester.

Prerequisite: FASH 478 & 479 with minimum grade of C

FASH 496-499

Independent Study

Credits TBA

Offered for specific course of study. Permission of Program Director required.

FIRST YEAR SEMINAR

FYS 101

First Year Seminar

Four credits

The cornerstone of the Marist Core, this course introduces students to the College as an intellectual community. The course provides students with instruction in active research, writing, critical thinking, and interdisciplinary study from the very outset of their college experience. Although specific FYS topics vary, each course provides students with instruction in writing, critical thinking, information literacy, and public presentation. Each FYS also engages with one of the following themes central to liberal learning in the 21st century: Cultural Diversity, Civic Engagement, Quantitative Reasoning, and Nature & the Environment. Each section of Writing for College, the other Foundation course in the Marist Core, also addresses one of these themes. Students must take the FYS in the first year of study.

FRENCH

FREN 101-102

Elementary French I-II

Three Credits each LA

An introduction to the French language in its cultural context. French pronunciation, essentials of grammar, vocabulary building for everyday conversation, cultural exposure through focused readings and multimedia materials. Two weekly one-hour sessions of audio and video practice in the language center are required. Closed to heritage speakers of French. Offered annually.

FREN 105-106

Intermediate French I-II

Three Credits each LA

The elements of conversational French are pursued more intensely and thoroughly and adapted to various cultural settings. A strong emphasis is placed on speaking and on extending reading and listening skills to authentic French material. Two weekly one-hour sessions of audio and video practice in the language center are required. Closed to heritage speakers of French. Offered annually.

FREN 167

France and the World

Three Credits LA

Dual listed as CSFR 167

Taught in English. Contemporary France — studied in its political, social, religious, intellectual, and artistic aspects. The future of the French identity is explored in relation to globalization and the long-standing scrutiny of American culture by the French. Excerpts of French movies, news broadcasts, magazine articles, music recordings, and American press samples will help illustrate French reactions and behavior within its borders and in the international community. Offered annually in France and on campus when there is sufficient student interest.

FREN 201

Workshop in Writing

Three Credits LA

Review of French structures in a comparative approach with English. Guided practice in writing and development of style, as preparation for refined oral skills. Each written assignment consolidated with an oral activity in the relevant cultural context. Substantial broadening of vocabulary and range of expression, with a stress on accuracy and nuances. Some literary readings. Offered every fall.

FREN 202

Workshop in Oral Expression

Three Credits LA

Intensive practice in oral expression: rapid conversation, professional presentations, theatrical performance, debates, joke-telling, and storytelling will be practiced in small group work. Practice includes phonetics, self-recording, and video-dubbing. All work is structured for active cultural learning. Offered every spring.

FREN 250

**French Culture & Thought:
Problems & Perspectives**

Three Credits LA

Dual listed as CSFR 250

Taught in French. Interdisciplinary survey of France's social, artistic, political, and intellectual history from its origins to the 20th century, with an emphasis on the manner in which the past has shaped and is still influencing the modern French consciousness. Offered every fall.

FREN 251

Contemporary France

Three Credits LA

Dual listed as CSFR 251

Taught in French. Studied from a comparative perspective, a broad cultural survey of 21st century France and its changing identity in a globalized world. As a necessary background, the course surveys briefly recent historical traumas of the 20th century whose unresolved legacies affect French reactions within its borders and in the international community. Special attention will be paid to France's cultural and political perceptions of the United States. Offered every spring.

FREN 305

Studies in French Film and Literature

Three Credits LA

Dual listed as CSFR 305

Taught in English, a cultural/literary approach to French cinema. The course keeps a comparative perspective with American cinema while studying the evolution of narrative form and the representation of French identity and concerns. Film selections range from early B&W classics to most recent releases. Discussions supported by cultural and literary readings. Students taking the course for credit in the French major or minor must complete all reading and writing in French. Fulfills Core Literature and Cinema Studies Minor requirement. Offered every fall.

FREN 310-311

French Grammar and Composition I–II

Three Credits each LA

An intensive language and grammar study contextualized in contemporary French and Francophone cultures. Principles of linguistics are introduced through rigorous structural and lexical analysis. Central cultural theme may vary each semester (ex: graphic arts; youth literature; musical trends, etc.). Offered on campus and at all Marist-approved study-abroad programs.

FREN 315

French Literature of Africa and the Caribbean

Three Credits LA

Taught in French. Study of North African, West African and Caribbean literatures of French expression in their cultural and historical context. Selections from African and Caribbean filmmakers are also viewed and discussed, along with the current debates surrounding the traditional term “francophonie” and the rise of a “Littérature-monde.” Offered on campus as needed and may also be taken abroad.

FREN 325

Language and Technology Practicum

Three Credits LA

Taught in French. The course explores the impact of the new communicative technologies on the French language and culture. Technical vocabulary, instant-messaging lingo, and assimilation of English language structures into French are tracked and practiced. Students increase their familiarity with the major gateways of information and communication in the French-speaking world and research current issues from a non-American perspective. An emphasis is placed on the ability to assess information for accuracy and credibility.

FREN 330

Modern Literary Perspectives: the 20th and 21st Century

Three Credits LA

Taught in French. A study of the main currents of literature and thought in 20th-century and early 21st-century France through its most representative writers in the fields of fiction, poetry, and drama. Authors may vary and are studied in a broad cultural and social context. Offered annually in France and on campus when there is sufficient student interest.

FREN 345

Interdisciplinary Unit

Three Credits LA

When taken abroad, a course taught in French in a discipline other than literature, selected with departmental approval. When taken on campus, a parallel course of study, in French, to a Marist course relevant to French concerns in the student's other major discipline (Political Science, Communication, Business, Arts, etc.). The course is supervised by a member of the French faculty in consultation with the related discipline.

FREN 392-393

Special Topics I–II

Three Credits each LA

“Special topics” courses serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered every semester as needed and may also be taken abroad.

FREN 394-395

Internship in French

One to Six Credits

Open to French majors only, except by special dispensation from the department. Qualifying students engage in supervised research or teaching assistantships on campus. Subject to departmental approval. The student may also engage in work experience with an approved off-campus company or agency in the U.S. or abroad. Work performance, assigned research or readings, and an internship report (for three or more credits) constitute the basis of the experience. Number of credits is determined beforehand by mutual agreement. Offered every semester, intersession, and summer.

Prerequisites: Sufficient background in French; permission of Chairperson

FREN 440

French for Current Affairs

Three Credits LA

An advanced translation course aimed at developing specialized vocabulary and reading skills in fields relevant to current affairs and to students' customized fields of study (politics, science, business, cultural analysis, law, arts, etc.). Course material is drawn almost entirely from Internet resources to illustrate the principal syntactic, lexical and cultural challenges of professional translation. Special attention is paid to the use and limits of online machine translation and to the distinct demands of simultaneous interpretation. Offered on campus every two years, and may also be taken abroad.

FREN 477

Capping Course

Three Credits LA

A capping course required for all senior French majors. It is an independent-study program based on a one-to-one teacher-student relationship. The student researches and completes a semester-long project on a subject agreed upon with the supervising professor. With the objective of developing a professionally focused fluency, double majors coordinate their chosen thesis topic with their second field of study. The Capping project incorporates field work; a written report with an accompanying media product; and a professional oral presentation at the annual Capping Conference of the Department of Modern Languages and Cultures.

GAMES AND EMERGING MEDIA

GAME 101

Introduction to Games

Three Credits LA

This course is an introduction to games and emerging media. It will focus on the history of games and related media, the major theories and research frameworks, and current issues in gaming and game studies. Students will be introduced the analysis of games and emerging media, the design process, and prototyping techniques. No technical knowledge is required. Offered annually. Open to all majors.

GAME 201

Colloquium in Games

One Credit LA

In this one-credit course, students participate in interdisciplinary seminars and workshops on games. Academics, practitioners, researchers, educators and policymakers related to games and emerging media will be featured in this weekly series. Students will gain multiple perspectives on current issues in game design, development, and studies. Students can take this course for credit for a maximum of three semesters, for a total of three credits. Offered as needed.

Prerequisite: Sophomore, Junior or Senior standing, or permission of the instructor. Open to all majors.

GAME 202

Lab Practicum

One Credit

In this one-credit course, students participate in hands-on research on games and interactive media, as well as participate in games-related events, conferences, and workshops. Students will also gain direct experience with game design and development, and work on projects for the community. Offered as needed. No prerequisites. Open to all majors.

GAME 301

The Business of Games

Three Credits

This course covers business and entrepreneurial strategies as related to games and emerging media. This is a practical, hands-on course in the process and production practices of making games and related media. It will focus on the basic marketing, promotion, and distribution strategies of games, as well as the local and global games industry. Students will also learn project management techniques in software and game development, as well as scheduling, task management, entrepreneurship, organization, leadership, public presentation,

and collaboration techniques. No prior business knowledge is required. Offered as and when necessary.

Prerequisite: Junior standing or senior standing, or permission of the instructor.

GAME 395-396

Independent Study

Three or Four Credits

An independent study under the supervision of a faculty member. Offered as and when necessary. Prerequisites: Permission of instructor and Dean

GAME 401

Human-Computer Interaction

Four Credits

To design efficient and effective computer systems and new technologies, we need to understand how users interact with the technologies. This course introduces students to the field of human-computer interaction, which combines perspectives from psychology, sociology, design, and computer science. This class will cover usability research, UI/UX design, contextual inquiry, rapid prototyping, heuristic analysis, and user testing methodologies.

Prerequisite: MDIA 210 or CMPT 220

GAME 480

Game Studio

Three Credits

This course is preparation for the capping course and is taken in the fall of the student's senior year, and brings together students from both concentrations. Students work individually and collaboratively in multidisciplinary teams to mimic a game studio and develop paper prototypes, digital prototypes, design documentation, digital games, and related media. Offered in fall.

Prerequisite: Senior standing.

GAME 481

Capping

Three Credits

The capping course is taken in the spring of the student's senior year, and brings together students from both concentrations. Students work individually and collaboratively in multidisciplinary teams to create a portfolio of digital games and related media. This course also reinforces connections between the student's major and the student's experience in the Core. Offered in spring.

Prerequisite: Senior standing.

GAME 461-462-463

Game Internship

One-Three-Six Credits

In this course, students gain practical, hands-on experience in the production, development and/or design of games and related media. Seminar meetings afford students a chance to critically examine the relationship between theory and practice. Students will enhance their knowledge of design and development techniques and skills in a real-life atmosphere under the supervision of practicing professionals in the games industry. Offered in fall, spring, and summer. NOTE: Internships may not be used to fulfill credits toward the games and emerging media elective requirement; they carry general credit.

Prerequisite: Permission of the Internship Director; CRDV 100N (Employment Practicum).

GAME 464-465-466

Advanced Game Internship

Nine-Twelve-Fourteen Credits

A professionally-oriented seminar in which the student spends a part- or full-time apprenticeship learning and contributing to the operation of a games- or other media-related facility. Completion of major requirements, course prerequisites, departmental screening, and clearance by the facility involved are necessary for participation in the seminar. Offered in fall, spring, and summer. NOTE: Internships may not be used to fulfill credits toward the games and emerging media elective requirement; they carry general credit.

Prerequisite: Permission of the Internship Director; CRDV 100N (Employment Practicum).

GERMAN

GERM 101-102

Elementary German I–II

Three Credits each LA

Emphasis is placed on the acquisition of the fundamental skills of understanding, speaking, reading, and writing. Through the language study, the student is introduced to the German culture. Closed to heritage speakers of German. Offered annually.

GERM 105-106

Intermediate German I–II

Three Credits each LA

A continuation of the elementary course. The basic language skills are pursued more intensively and thoroughly. A better understanding of German culture continues. Closed to heritage speakers of German. Offered annually.

GERM 201-202

German Language and Culture I–II

Three Credits each LA

Extensive use of idiomatic German in conversation and composition is intended to broaden the student's linguistic and cultural knowledge of the language. Offered when there is sufficient student interest.

GERM 392-393

Special Topics I–II

Three Credits each LA

"Special topics" courses serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered when there is sufficient student interest.

GLOBAL STUDIES

GBST 103

Introduction to Global Issues

Three Credits LA

Dual listed as POSC 103 and CSCU 103

This course is intended as an introduction to the geography, vocabulary, and perspectives needed to understand the evolution of our global community, the challenges that we face in the 21st century, and different approaches for managing those challenges. It takes a historical perspective, focusing on the effects of colonialism and the complex encounter it provoked between non-Western and Western societies. It also addresses an array of interrelated global issues that we face in the post-colonial period, including cultural and religious diversity, human rights, economic development, ecological sustainability, and the possibilities and challenges of international conflict and cooperation. Offered every semester.

GBST 392-393

Special Topics I–II

Three Credits each LA

"Special topics" courses serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific title is indicated when the course is listed in the schedule of classes. Additional information is available by contacting the Coordinator of the Global Studies Program.

GBST 394-398

Internship in Global Studies

One to Six Credits

Qualifying students engage in work experience with an approved off-campus company or agency abroad or in the U.S. Subject to pre-approval, students may also engage in supervised research or teaching in an academic setting abroad. Work performance, assigned research (for research internships) and an internship report constitute the basis of the successful internship experience. Number of credits is determined beforehand by mutual agreement. Offered every semester, intersession and summer.

NOTE: Up to three credits may be used to fulfill the requirements of the Global Studies minor.

Prerequisites: Junior standing and pre-approval by Global Studies Coordinator.

GREEK

GREK 220

Greek Drama

Three Credits LA

A study of the major works of Aeschylus, Sophocles, Euripides, and Aristophanes. The principal sociological, psychological, and historical contents of this great literary heritage of classical Greece will be reviewed. Taught in English. Offered when there is sufficient student interest.

GREK 222

Greek Mythology

Three Credits LA

A study of classical mythology and its influence on Western literature. Taught in English. Offered when there is sufficient student interest.

HEALTH

HLTH 110

Introduction to the Health Professions

One Credit

This course is designed to introduce students to the various health professions through a series of presentations by health-profession practitioners. Each speaker will give an overview of his or her specific profession, requirements for application to professional school, the nature of professional-school education, daily routine, personal experiences, opportunities, income potential, and other information. A question and answer period will follow the presentation.

HLTH 201

Human Nutrition

Three Credits LA

Dual listed as BIOL 203

See BIOL 203 for course description.

Prerequisites: BIOL 130-131 and CHEM 131-132 or their equivalents

HLTH 202

First Aid/CPR

Three Credits

Principles of safe living; theory and practice of basic first-aid procedures: emergency recognition, action steps, and providing immediate care for injury or sudden illness, e.g., CPR and other basic life-support methods. A course for students in any field and a foundation for more advanced course work for students in health-science disciplines.

HLTH 204

Personal and Community Health

Two Credits

Introduction to health maintenance and disease prevention, and to the political, social, and economic dimensions of health care in the United States. Basic concepts of physical, emotional, social, intellectual, and spiritual dimensions of health. Governmental provision of health care; costs, accessibility, and quality of health care; community health promotion.

HLTH 210

Fundamentals of Alternative & Complementary Health Care

Three Credits

This course is designed to provide a comprehensive exploration of the alternative and complementary health therapies from historical, philosophical, theoretical, physiological, and scientific perspectives. Included will be: explorations of Eastern-Western approaches to healing; anatomy and physiology from an energetic perspective; the role of nutrition, exercise, and the environment in illness; and a survey of modalities and approaches including how they are categorized, when they are best utilized, and their relationship to traditional medicine.

(Does not fulfill Core/LS Natural Science requirements.)

HLTH 211

Sport and Exercise Psychology

Three Credits LA

Dual listed as PSYC 211. See PSYC 211 for course description.

HLTH 225

Topics in Nutrition

Three Credits

This course is designed for non-science majors to learn scientifically supported as well as traditional approaches to nourishing and healing the body which can be incorporated into personal, daily, good health practices. An emphasis is placed on multicultural, political, and ecological dimensions of dietary choices. The concept of food as medicine and the concept of diet as a critical component in healing are fundamental to this course. Included are the exploration of herbal medicine, environmental health, and healing choices. Students also will develop the skills and understanding to analyze, compare, and contrast dietary choices for personal health. This course may not be taken for credit by students who have completed BIOL 203.

(Fulfills Core/LS Natural Science requirements.)

HLTH 300

Kinesiology

Three Credits

Kinesiology is the study of musculoskeletal anatomy, posture and movement of the human body. An understanding of the muscular system with regard to origin, insertion, and action of muscles, serves as the basis by which to study planes, axes of movements, the range and quality of functional movements, the actions of levers within the human body, and how muscular contraction affects movements, posture, and gait.

Prerequisites: BIOL 201-202 or equivalent

HLTH 301

Exercise Physiology

Two Credits – lecture

One Credit – laboratory

Areas of discussion include acute and chronic functional responses to exercise. Muscle biomechanics and metabolism, cardiopulmonary and musculoskeletal responses, training techniques, ergogenic aids in sport, and performance at environmental extremes. This course is primarily intended for students majoring in Athletic Training but may also be of interest to students majoring in biology and other health-related areas.

Prerequisites: BIOL 201-202 and CHEM 131-132 or equivalents

HISTORY

HIST 101

Themes in Modern History

Three Credits LA

This course is designed to help students acquire knowledge of the past and an understanding of how the past has been represented and interpreted by historians. A variety of historical narratives and perspectives may be examined that offer insight into the development of the complex modern world. Themes to be covered will include, but are not limited to: the development of capitalism, industrialization, political revolutions, colonization, war, social movements, migration and immigration, decolonization, and globalization.

HIST 130

Introduction to Women's Studies

Three Credits LA

Dual Listed as WMST 130

This course provides an introduction to Women's Studies, a field of scholarship dedicated to the inclusion of women's experiences and feminist perspectives in the academy. The course places the emergence of women's studies in historical perspective, then examines the transformative power of women's studies in a number of fields. The goal will be to assess how including women, gender, and feminist perspectives changes academic methods, goals, and outcomes. Offered annually.

HIST 205

Introduction to Public History

Three Credits LA

This course introduces students to the theoretical and practical concerns of public history. Whether it involves museums, historic sites, academia, community outreach, or the media, public history can simply be defined as studying, teaching, and communicating history in the public interest. Through readings, lecture, discussion, and hands-on projects, the course covers the essential issues of audience, authority, collecting, exhibition, and memory in the telling and learning of history today.

HIST 206

Afghanistan and its Wars

Three Credits LA

This class examines the history of Afghanistan from the era of the Silk Roads to the present. The major themes this course will address are: cross cultural exchanges, formation of national boundaries, imperialism, nationalism, war, and revolution. This course, despite its concentration on the geographic space of Afghanistan, is transnational and interdisciplinary in design.

HIST 207

History of the Holocaust

Three Credits LA

This course will trace the history of the Holocaust. While the Holocaust is one of the most violent and dehumanizing episodes in the history of the world, it can teach us a great deal about the past, racism, nationalism, warfare, and the human condition. We will stress many aspects of the Holocaust, including anti-Semitism, the rise of the Nazi regime, the execution of the Holocaust, the experience of victims, the perspective of the perpetrators, and the role of bystanders. The course will pose questions about the meaning of the Holocaust for Europe and the world.

HIST 210

Issues in American Constitutional Law

Three Credits LA

Triple listed as PRLG 206 and POSC 210

See POSC 210 for course description.

HIST 216

Black Political and Social Thought

Three Credits LA

Dual listed as POSC 310

See POSC 310 for course description.

HIST 217

Catholics in the U.S.

Three Credits LA

Triple listed as POSC 217 and REST 217

This course surveys major experiences of Roman Catholics in North America from the period of exploration, through the colonial period and through the establishment and development of the United States in the 18th, 19th, and 20th centuries. Emphasis will be placed on the development of Church institutions and policies in the U.S., and on the historical, political, and social experiences of the groups who composed and who compose the Catholic community in the United States. We shall pay attention to how Catholics participate in the public life of the larger American community and how influences from that larger community respond to their Catholic neighbors.

HIST 218

History and Culture of the Hudson River Valley

Three Credits LA

Surveys the political, economic, and social evolution of the region from pre-Columbian times to the contemporary era. Offered annually.

HIST 220

New York: The Empire State

Three Credits LA

This course examines the development and rise of New York from its pre-colonial beginnings through the present day. Emphasis will be placed on Native-American and European contact, the significance of the region to the American

Revolution, the emergence of the state as the nation's leading economic power, and the economic, political, and cultural importance of New York City in the 20th century.

HIST 223

American Military History 1607–Present

Three Credits LA

This course examines the historical evolution of warfare with emphasis on the American military experience from the colonial era to the end of the Gulf War. During the course we will focus on leadership in battle, activities at the three levels of war, the relationship of the military establishment to its society, and continuity and change in warfare.

HIST 226

American History to 1877

Three Credits LA

This course traces the evolution of American society from the period of European colonization through the Civil War era. It surveys major social, economic, and political developments that shaped the individual colonies and regions of the New World, led to the movement for independence, formed the basic structure of the new nation, underlay expansion and rapid social change, and contributed to the coming, fighting, and consequences of the Civil War.

HIST 227

American History since 1877

Three Credits LA

This course examines American history from Reconstruction through the present. Focusing on both political and social history, we will study national leaders as well as ordinary citizens. Themes and topics will include: the changing role of the federal government, race relations, social reform movements, and the role of the U.S. in the world. Offered annually.

HIST 228

America Since 1945

Three Credits LA

This course begins with a review of the cumulative influences of the Great Depression, New Deal, and World War II on American institutions, values, and behaviors. Tracing the effects of these events through the 40s and 50s, attention is given to cold war politics and foreign policies. The sections on the 60s and 70s focus on themes of black civil rights, women's equality, and minority politics. The domestic conflicts over foreign policy (Vietnam) and Presidential behaviors (Watergate) are considered in the context of modern developments. Offered biennially.

HIST 232

U.S. Women's History

Three Credits LA

This course traces the history of women in the U.S. from the colonial period until the present. We explore changing perceptions of womanhood; the intersecting impact of race, class, and ethnicity in women's lives; and women's contributions to political, economic, and social developments in U.S. history.

HIST 234

African American History

Three Credits LA

This course provides an overview and analysis of the experiences and contributions of Blacks in the formation and development of American society and culture. Attention will be paid to slavery, race relations, religion, the arts, war, politics, economics, and civil rights. Offered biennially.

HIST 242

Introduction to the African Diaspora

Three Credits LA

This course is an introduction to the history of the millions of peoples of African descent living in the various societies of the Americas. Topics covered will include the Atlantic Slave Trade, emancipation and post-emancipation struggles, and pan-Africanism in the 20th century. Migration, culture, identity, and diasporic connections will form the principal themes that will shape the approach of the course. Serves as the gateway course to the minor in African Diaspora Studies.

HIST 244

Ancient Greece

Three Credits LA

Growth and conflict of the city states, the development of the Greek mind, the Hellenistic era; concentration is on Athens in the 5th century B.C. Offered biennially.

HIST 247

Ancient Rome

Three Credits LA

The development of the Roman character, of Roman Law, and other Republican institutions; the rise and fall of the Roman Empire. Offered biennially.

HIST 248

Medieval Europe

Three Credits LA

Dual listed as CAST 200

This course will serve as an introduction to the Middle Ages, the period between the dissolution of the Roman Empire in western Europe and the beginning of the Renaissance, with a focus on how this period was a vibrant time of progress, adaptation, and cultural encounters. An emphasis will be placed on how medieval culture developed from its Roman, Christian, and Germanic foundations as well as how it adapted to political, economic, and social challenges.

HIST 249

Early Modern Europe

Three Credits LA

The early modern era is placed between the waning of the Middle Ages and the rise of the modern industrial world. This course focuses on how Europe expanded its borders and knowledge of the world and at the same time underwent a series of political, religious, and intellectual revolutions. Attention will be paid to the question of what makes early modern Europe unique, rather than merely a time of transition.

HIST 252

Modern Europe

Three Credits LA

This course traces the explosive political, social, and cultural movements of 19th- and 20th-century Europe. It emphasizes modern political ideologies and the history of everyday life while surveying the tensions that accompanied the industrialization of Europe. Topics include the French Revolution, the Napoleonic Wars, liberalism, nationalism, imperialism, the world wars, communism, fascism, and the Cold War.

HIST 255

Catholic Church in Modern Times

Three Credits

Dual Listed as CAST 201

This course will treat the legacy of the Catholic Counter-Reformation, the impact of Enlightenment thought and the French Revolution on Catholic Europe, the missionary efforts of the Catholic Church in the East and in the New World, the Church's response to Liberalism, Marxism, and Fascism, and the movement in Vatican II toward a new synthesis adequate to the character of modern society, to the demands made by the rise of historical consciousness and modern science, and to the need for cross-cultural unities in an increasingly global economy and community. Offered biennially.

HIST 260

History of Russia: To the Mid-19th Century

Three Credits LA

A survey of Russia's historical development from the establishment of Kievan Rus to the reign of Alexander III, with an emphasis on the emergence of Muscovy, reigns of Peter I and Catherine I, and the social and political developments of the 19th century. Offered at least triennially.

HIST 261

History of Russia: 1801–1917

Three Credits LA

This course traces the evolution of Russia from the reigns of Alexander I and Nicholas II to the Russian Revolution of 1917. Offered at least triennially.

HIST 262

History of Russia: The Russian Revolution

Three Credits LA

This course traces Russian revolutionary movements of the latter part of the 19th century: Russian Marxists and Lenin; the Russo-Japanese War; the Revolution of 1905; the Dumas; WWI and Russia; February and October Revolutions; the Civil War; and N.E.P. Offered at least triennially.

HIST 263

Eastern Europe and Russia from 1928 to the Present

Three Credits LA

A study of the Soviet Union and its Eastern European satellites from the emergence of Stalin to the present. The course highlights Khrushchev's period of the "Thaw," Brezhnev's return to "Stalinism," Gorbachev's liberal reforms, the collapse of Communism in Russia, and the reunification of the two Germanies. The course will extensively cover the return of liberty and the building of democracy in the former republics of the Soviet Union and its satellites, such as Poland, Hungary, Czech Republic, and others. Offered triennially.

HIST 266

Italian-American Experience

Three Credits LA

Triple listed as ENG 266 & POSC 266
See ENG 266 for course description.

HIST 267

Women In Asia

Three Credits LA

An overview of continuity and change in the role and condition of women in East, South, and Southeast Asia from approximately 1800 to the present. After exploring traditions of patriarchy, accommodation, and resistance, the course traces the effects of the modern transformations in states, economies, and societies, focusing on the issue of women's agency and the development of women's consciousness in the modern era. Offered biennially.

HIST 268

Traditional Asia

Three Credits LA

This course offers a broad survey of East, Southeast, and South Asian civilizations and histories to the late 18th century. Although the course will focus on the interactions of Asian civilizations, some attention will also be given to the coming of the West beginning in the 16th century. Offered biennially.

HIST 269

Modern Asia

Three Credits LA

This course offers a broad survey of East, Southeast, and South Asian civilizations in the 19th and 20th centuries. The effects of imperialism, colonialism, nationalism, and revolution on Modern Asia will be central concerns of this course. Offered biennially.

HIST 270

Traditional China

Three Credits LA

This course traces the growth of Chinese civilization and culture from its origins in the Shang Dynasty to the fall of the Ming dynasty. Offered biennially.

HIST 271

Modern China

Three Credits LA

This course traces the decline of the traditional Chinese state, the rise of nationalism, radicalism, and revolution in the 19th and 20th centuries, and the formation of the People's Republic of China after 1949. Offered biennially.

HIST 272

The Ancient East

Three Credits LA

A study of the beginnings of civilized life in the valleys of the Nile, Tigris-Euphrates, and Indus. Terminating in the 5th century B.C., the course stresses the religious and intellectual contributions of these societies. Offered at least triennially.

HIST 273

Colonial Latin America

Three Credits LA

A study of Latin America through independence, including coverage of: initial contact between Indigenous, African, and European peoples; conquest and the consolidation of colonial power; structures of economic exploitation; the nature of resistance to oppression; and the demise of the colonial enterprise. Offered biennially.

HIST 274

Modern Latin America

Three Credits LA

A study of Latin America from the independence movements to the present, including coverage of: nation-building in the 19th century; transformations in political economy over time; relations with the United States; and competing visions of the nature and structure of Latin American societies. Offered biennially.

HIST 280

Modern Africa

Three Credits LA

An examination of political, socioeconomic, and cultural developments in Africa during the periods of revolution (c. 1800–1870), colonialism (1870–1950), and independence (1950 to present). This course considers the tumultuous transformation of Africa before, during, and after European colonialism. Special attention is given to how European-based structures, processes, and thought—especially the nation-state, industrialization, and ideologies—undermine or otherwise alter indigenous political, socioeconomic, and cultural systems, thereupon introducing new difficulties, challenges, and benefits to the diverse peoples and societies of the continent. Offered biennially.

HIST 285

The History and Political Culture of Ireland

Three Credits LA

Dual listed as POSC 285
See POSC 285 for course description.

HIST 286

Irish Experience in America

Three Credits LA

A study of the political, economic, and social experience of the Irish in America beginning with pre-Revolutionary War immigration but focusing on the later immigration in the 19th and 20th centuries. Some attention will be given to political, social, and economic issues within Ireland which contributed to the patterns of immigration.

HIST 307

History of American Manhood

Three Credits LA

This course examines changing conceptions of masculinity in U.S. history. We will utilize scholarship in the field of gender studies to analyze what 'manhood' has meant and how its meanings have been influenced by race, class, sexual orientation, and ethnicity. Attention will be paid to the mutability of gender roles and expectations in the face of historical circumstances such as wars, industrialization, movements for women's rights, and shifting family demographics.

Prerequisite: Six credits in history

HIST 308

Rock 'n' Roll as U.S. History

Three Credits LA

This course uses the history of rock 'n' roll from the 1950s to the 1980s as a critical window on the history of the United States more broadly. Tracing rock

music from its rebel roots in the margins of America to its explosion as a mass commercial and cultural phenomenon, we consider the complex dynamics of race, class, and gender difference in the twentieth century. A serious commitment to history, and a matching commitment to take music seriously, is a must for this course.

Prerequisite: Six credits in history

HIST 309

American Colonial Experience

Three Credits LA

This course focuses on the pre-revolutionary era. It examines the transit of European cultures to the New World and the subsequent evolution and modification of these cultures. Particular emphasis is given to the development of a provincial society and the coalescence of the movement for political independence. Offered biennially.

Prerequisite: Six credits in history

HIST 310

American Revolution

Three Credits LA

This course explores the history of North America in the era of the American Revolution, approximately 1760–1800. This period witnessed a colonial war for independence and significant changes in American ideas on politics, law, and the role of the citizen in society. In addition, this course will examine the social discontent that characterized this period. Offered biennially.

Prerequisite: Six credits in history

HIST 312

History of the American Presidency

Three Credits LA

Dual listed as POSC 312

See POSC 312 for course description.

Prerequisites: Six credits in history

HIST 313

The Vietnam War

Three Credits LA

This course takes a global history approach to the American war in Vietnam. As such, the focus will be on Vietnam itself, the development of American involvement in Vietnam, and the global context. We will focus on the military, political, cultural and social history of the war, and trace the complexity of its origins, impact, and legacy for both sides in the conflict. We will also critically analyze the basis and value of comparisons between the Vietnam War and current conflicts.

Prerequisite: Six credits in history

HIST 314

Witchcraft and Sorcery in Pre-Modern Europe

Three Credits LA

The early modern concern about witches and the diabolic intervention they harnessed through sorcery or magic is one of the most debated historical phenomena. This class explores the central issues that historians have grappled with when considering the preoccupation with witchcraft in the fifteenth-eighteenth centuries. Main topics of discussion include “popular” versus “learned” religion; issues of gender in the witch hunts; geographical comparisons of the process; the effect of accusations on social relationships; and the role of Catholicism and Protestantism in the rise of state-sponsored persecution.

Prerequisite: Six credits in history

HIST 318

Drug Trade in Asia

Three Credits LA

This class examines the establishment of the drug trade in Asia, the historical questions that arise from it, and how specifically opium developed into a commodity fetish. It is geographically organized to mirror the progress of drug trafficking in China and South Asia, Southeast Asia, and Central Asia. Major issues that propel the course are: the role of empire in establishing early drug trade routes, how global capitalism fueled the spread of the Asian drug trade, the economic significance of drug profits to revolutionary movements and

established governments, and what current efforts exist to address contemporary drug trafficking in the regions under consideration.

Prerequisite: Six credits in history

HIST 320

American Diplomatic History

Three Credits LA

Organized along topical lines, this course focuses on the evolution of American foreign policy. Beginning with the principles established in the early years of the Republic, it treats “Manifest Destiny,” America’s rise to world power, the conflict between political isolation and economic internationalism, and American diplomacy in the nuclear age. Offered when there is sufficient student interest.

Prerequisite: Six credits in history

HIST 325

History of American Feminism

Three Credits LA

This course will examine the development of social movements dedicated to women’s rights in the United States, examining the connection between feminist ideas and activities and the larger historical context. Attention will be paid to the changing positions taken by feminists on such issues as: motherhood, sexuality, race, class, work, relationships with men, and social justice. Offered annually.

Prerequisite: Six credits in history

HIST 332

Women and Religion in America

Three Credits LA

This course will explore women’s roles and experiences in a variety of American religious traditions. Topics and themes may include: Amerindians and missionaries; colonial Puritanism; the great Awakenings and evangelical reform; marriage and the utopian experiments; Judaism; the immigrant Church; voodoo; Catholic religious orders; and other contemporary religious topics.

Prerequisite: Six credits in history

HIST 345

Sex, Disease, and Death in America

Three Credits LA

This course links the biological bases of human life to the changing American culture and society. Topics in sex and reproduction as well as disease and death will be covered. Related subjects include, among others, science, medicine, gender, demography, and environmental change.

Prerequisite: Six credits in history

HIST 348

French Revolution and Napoleon

Three Credits LA

Traces the French revolution from its causes to its culmination in the dictatorship of Napoleon. Offered biennially.

Prerequisite: Six credits in history

HIST 349

Modern Germany: Between Dictatorship and Democracy

Three Credits LA

This course traces the history and historiography of German history from the Napoleonic era to German reunification at the end of the Cold War. It places special emphasis on the tension between modernization and democratization in modern Germany. Topics include Prussian reform movements, industrialization, the Revolution of 1848, political unification, imperialism, World War I, Weimar democracy, National Socialism, and post-World War II division.

Prerequisite: Six credits in history

HIST 355

History and Politics of the Modern Middle East

Three Credits LA

Dual listed as POSC 355

See POSC 355 for course description.

Prerequisite: Six credits in history

HIST 364

Civil War and Reconstruction

Three Credits LA

A study of America from 1848–1877, emphasizing the causes, the course, and the aftermath of the Civil War, with a consideration of the lingering effects of the conflict on American society, North and South. Offered biennially.

Prerequisite: Six credits in history

HIST 375

Race in Latin American History

Three Credits LA

An examination of the significance of race in Latin America from contact through the present. Emphasis will be placed on: the significance of race in the construction of social hierarchy; the meanings and uses of race among both elites and subalterns; and the relationships between racial and national identity. Offered when there is sufficient student interest.

Prerequisite: Six credits in history

HIST 381

Film & History

Three Credits LA

Dual listed as MDIA 323

See MDIA 323 for course description.

Prerequisite: Six credits in history

HIST 292, 293, 294

Special Topics in History I–II–III

Three Credits each LA

“Special topics” courses serve as a vehicle by which historians may offer a topical or thematic class not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

HIST 392, 393, 394

Special Topics in History I–II–III

Three Credits each LA

300 level “Special topics” courses serve as a vehicle by which historians may offer an upper-level topical or thematic class not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Six credits in history

HIST 413

F.D.R. Seminar

Three Credits LA

An intense study of America in the 1930s and 1940s, with emphasis on the emergence of the New Deal: its nature and significance. Attention is also given to the development of F.D.R., his apprenticeship for the White House, his role as chief administrator, as politician, as diplomat, and as commander-in-chief during World War II. Offered biennially.

Prerequisites: Three credits in History at the 300 level

HIST 477

Capping Course

Three Credits LA

A capping course required for all senior History majors.

Prerequisites: Three credits in History at the 300 level

HIST 497-498-499

Public History Internship

Three-Six-Nine Credits

Upon completion of all other requirements for a concentration in Public History, students are eligible for an internship in one of the following areas: Business History (Private Sector), Government (Public Sector), or other Public History area (Archival, Not-For-Profit, etc.). Interns are required to meet periodically as a group and individually with the Internship Director. Offered every semester.

Prerequisite: Permission of the Internship Director

HONORS

HONR 200

Honors Seminar in Ethics

Three Credits LA

What is the nature of our ethical responsibilities as citizens of particular sovereign societies and as members of the world generally? What would serve as an adequate ethical framework for addressing ethical issues and moral dilemmas? Does a culturally, politically, economically pluralistic world entail that there are no valid universal ethical principles? These questions and others will form the primary concerns of the course. The course will also serve as a seminar on some problems of normative and critical ethics. Specifically, the course will aim to investigate what the battle against exclusionary ideologies and practices suggests as requisites for a sound moral consciousness.

FYSH 101

Honors First Year Seminar

Three Credits LA

Honors First Year Seminar will introduce the student to the college and the Honors Program as an intellectual community. It will encourage them to acknowledge and to reflect upon ways that their work at the college will differ from their learning as high school students. The Honors First Year Seminar is grounded in interdisciplinary studies in one of four thematic categories: Cultural Diversity (CD), Nature & Environment (NE), Civic Engagement (CE), or Quantitative Reasoning (QR). Topics and texts are selected and studied in ways that will help Honors students become more competent and confident readers, writers, thinkers, creators, and collaborators. This course will also serve as one of the foundation courses for the Honors Program experience.

ENGH 120

Honors Writing for College

Three Credits LA

Honors Writing for College is an instructional Writing Intensive course that will fulfill one of the following four categories: Cultural Diversity (CD), Nature and Environment (NE), Civic Engagement (CE), or Quantitative Reasoning (QR). This process-based writing course introduces Honors students to college-level academic research, documentation, writing, and revision. The focus of the course will be the traditional academic research paper, with an accompanying formal research presentation. This course will also serve as one of the foundation courses for the Honors Program experience.

HONR 310-314

Honors Seminar in Versions of the Self

Three Credits LA

This course focuses on exploring the various voices, past and present, of different people and their values as it examines the developmental origins and the evolving processes in the construction of the self, whether as an individual or as a member of a group. This seminar may be tailored to focus upon a single discipline in the arts, natural sciences, or social sciences, or may bridge several disciplines.

HONR 320-322

Honors Seminar in the Art of Culture

Three Credits LA

This course examines the ways in which art (fiction, film, fashion, visual and performance art, etc.) deals with historical and current events, and how art has shaped and continues to shape society. This seminar may be tailored to focus upon a single discipline or may bridge several disciplines. Field trips to museums, film screenings, or other site visits may be scheduled as part of the course.

HONR 330-332

Honors Seminar in Hudson River Valley Studies

Three Credits LA

This course deals with the region of the Hudson River Valley. It may examine the history, culture, architecture, literature, art, politics, or economy of this region from pre-Columbian times to the present. This seminar may focus upon a single discipline or may bridge several disciplines. Field trips to important sites of the Hudson River Valley may be scheduled as part of the course.

HONR 340-343

Honors Seminar in Global Engagement

Three Credits LA

This course focuses on the legal, cultural, ethical, religious, and social, economic, and political frameworks that exist in countries outside of the United States. The purpose of this course is to discuss how these cultural norms impact social and economic conditions in the rest of the world, as well as relationships between the United States and U.S.-based institutions and their counterparts. This will be accomplished by developing an understanding of social, political, and cultural forces influencing global decisions; ethical challenges in the global marketplace; and other current issues such as diversity, technology, and concern for the physical environment.

HONR 350-353

Honors Seminar in Science, Technology, & Society

Three Credits LA

This course examines the ways in which science (including mathematics) and/or technology have shaped and will continue to shape human societies, and how, in turn, society affects the practice of science and the development of technology. This seminar may be tailored to focus upon a single discipline within the natural sciences, mathematics, or social sciences, or may bridge several disciplines. Field trips may be scheduled, when appropriate, to visit industrial sites.

HONR 360-361

Honors Thematic Seminar in Philosophical & Moral Foundations

Three Credits LA

These seminars teach students to formulate ethical questions, to analyze and to understand the reasoning behind views that differ from their own, to recognize the roles that historical, political and social forces play in matters of personal choice, and to express their views coherently in written and oral forms. The Philosophical & Moral Foundations Thematic Seminars will have as their broad goal to help students develop an understanding of the language, history, and/or politics of a particular region or ethnic group, and to develop their ability to interact with individuals from different cultures. Field trips to museums, film screenings, or other site visits may be scheduled as part of this course. Topics will vary.

Prerequisite: Sophomore standing.

HONR 365-366

Honors Civic and Service Learning Seminar in Philosophical & Moral Foundations

Three Credits LA

These seminars teach students to formulate ethical questions, to analyze and to understand the reasoning behind views that differ from their own, to recognize the roles that historical, political and social forces play in matters of personal choice, and to express their views coherently in written and oral forms. The Philosophical & Moral Foundations Civic and Service Learning Seminars will have as their broad goal to help students explore an issue or set of issues important to the local or global community, and to consider their own potential responses and responsibilities as active citizens. Site visits may be scheduled as part of this course. Topics will vary.

Prerequisite: Sophomore standing

HONR 370-371

Honors Thematic Seminar in Scientific & Quantitative Analysis

Three Credits LA

The Quantitative Reasoning Thematic Seminars will have as their broad goal to help students strengthen their ability to understand and to evaluate data, to think logically, and to apply mathematics and scientific analysis within a variety of contexts. These seminars teach students to formulate, analyze, understand, and express their views coherently in written and oral forms. Topics will vary.

Prerequisite: Sophomore standing

HONR 375-376

Honors Civic and Service Learning Seminar in Scientific & Quantitative Analysis

Three Credits LA

The Quantitative Reasoning Thematic Seminars will have as their broad goal to help students strengthen their ability to understand and to evaluate data, to think

logically, and to apply mathematics and scientific analysis within a variety of contexts. These seminars teach students to formulate, analyze, understand, and express their views coherently in written and oral forms. The broad goal of the Scientific & Quantitative Analysis Civic and Service Learning Seminars is to help students explore an issue or set of issues important to the local or global community, and to consider their own potential responses and responsibilities as active citizens. Site visits may be scheduled as part of this course. Topics will vary.

Prerequisite: Sophomore standing

HONR 380-381

Honors Thematic Seminar in Expression & Creativity

Three Credits LA

These seminars examine how the disciplines in the humanities have influenced and continue to shape society. Students will be expected to express their views coherently in written and oral forms. The Expression & Creativity Thematic Seminars will have as their broad goal to help students examine the ways in which art and the humanities deal with historical and current events. Co-curricular activities and field trips may be scheduled as part of this course. Topics will vary.

Prerequisite: Sophomore standing

HONR 385-386

Honors Civic and Service Learning Seminar in Expression & Creativity

Three Credits LA

These seminars examine how the disciplines in the humanities have influenced and continue to shape society. Students will be expected to express their views coherently in written and oral forms. The Expression & Creativity Civic and Service Learning Seminars will have as their broad goal to help students explore an issue or set of issues important to the local or global community, and to consider their own potential responses and responsibilities as active citizens. Site visits may be scheduled as part of this course. Topics will vary.

Prerequisite: Sophomore standing

HONR 390-391

Honors Thematic Seminar in Individual & Society

Three Credits LA

These seminars examine various perspectives on the construction of the self, both as an individual and as a part of a group. Students will be expected to express their views coherently in written and oral forms. The Individual & Society Thematic Seminars will have as their broad goal to help students study and evaluate the complex interaction between humans. Co-curricular activities may be scheduled as part of this course. Topics will vary.

Prerequisite: Sophomore standing

HONR 395-396

Honors Civic and Service Learning Seminar in Individual & Society

Three Credits LA

These seminars examine various perspectives on the construction of the self, both as an individual and as a part of a group. Students will be expected to express their views coherently in written and oral forms. The Individual & Society Civic and Service Learning Seminars will have as their broad goal to help students explore an issue or set of issues important to the local or global community, and to consider their own potential responses and responsibilities as active citizens. Site visits may be scheduled as part of this course. Topics will vary.

Prerequisite: Sophomore standing

HONR 401

Honors-by-Contract

One Credit LA

The Honors-by-Contract is a mechanism for adding an “honors dimension” to a non-honors course. This Contract permits students to turn a regular course into an Honors course by contracting with the instructor to complete extra work. This experience is designed to encourage a more intensive and extensive exploration of course material by Honors students.

Prerequisite: Junior standing

HONR 420

Honors Thesis Project

Three Credits LA

This is a student-designed independent study for Honors students. The Honors project is overseen by a faculty mentor and the Honors Director and Honors Council. Projects encourage students to explore and develop their own various talents and interests.

Prerequisite: Senior standing

HONR 495

Honors Senior Seminar

Three Credits LA

This course provides a culminating experience for Honors students by asking them to reflect on their education at Marist College and by assisting their transition into the world beyond the College and the Honors Program.

Prerequisite: Senior standing

PROFESSIONAL STUDIES

CORE COURSES

INTD 105

Perspectives on Education

Three Credits LA

This course has been designed to enable adult students to reflect upon their life experiences within the context of new educational perspectives and goals. Selected readings in the philosophy of education are geared to issues of personal development in the educational experience, past and present. Through shared reflection and class discussion the students learn how to establish continuity between their past educational histories, formal and informal, and the program of studies they have selected. Class procedures are designed toward the development of collaborative modes of learning. This course is the first Core requirement for Professional Studies Majors. Students work closely with faculty to develop their programs of study and a written rationale for the development of their individualized degree plans. *Open to Professional Studies students only.*

INTD 209

Perspectives on the Humanities

Three Credits LA

Recognizing that the role of the narrative is an integral part of all human experience, this course explores the development of “story,” the dynamic relationship between the “narrator,” the “story,” and the “reader,” and looks at the use of the narrative as a tool for exploration in various areas of study—including psychology, sociology, anthropology, science, religious studies, and history. Cultural perspectives and their impact on the development of narrative are also explored. This course will select and organize multicultural readings and other relevant materials in literature, psychology, anthropology, and the arts to enable students to recognize, criticize, and critically examine this dimension of narrative in their own quests for meaning in both personal and academic contexts. *Open to Professional Studies students only.*

INTD 212

Perspectives on Social Institutions

Three Credits LA

Self-understanding and the quest for personal and professional realization are mediated by a host of social and institutional forms, including the family, social class, the economy, schools, and modern governmental and corporate structures. This course will select and organize readings and other relevant materials in sociology, political science, and economics to enable students to analyze some contemporary institutional forms and to appreciate the dynamic between such forms and the individual’s personal experiences and areas of study. *Open to Professional Studies students only.*

INTD 213

Perspectives on Science and History

Three Credits LA

The adult quest for meaning and values assumes mature form in a grasp of the possibilities of the historical moment. This course will select and organize

readings and other relevant materials in history, philosophy, and the sciences to bring into focus the responsibilities and possibilities bestowed upon us by a particular configuration of historical circumstance and by the new knowledge generated in scientific inquiry. *Open to Professional Studies students only.*

INTD 477

Capping Experience

Three Credits LA

Intended to provide students with the opportunity to consider significant contemporary issues from integrative interdisciplinary perspectives, students are given the opportunity to develop a written project that synthesizes theory and application within their area of study. The number of themes will be limited to allow depth of consideration and breadth of research. *Open to Professional Studies students only.*

Prerequisites: Senior standing, ENG 120, INTD 105

INTD 496-497-498-499

Internship in Professional Studies

One-two-three-six credits

The Professional Studies Internship will provide adult students practical application of the learning outcomes of the Professional Studies major in a professional setting. This interdisciplinary internship will achieve the learning outcomes through Integration of at least two of the student’s chosen fields of study (specialized academic areas) in a professional site. Eligibility to enroll in this course includes: completion of course prerequisites, interview with SPP faculty/staff and internship site clearance. Weekly assignments in addition to internship work hours will be required. Offered fall and spring. *Open to Professional Studies majors only.*

Prerequisites: Junior standing, INTD 105, minimum GPA of 3.0, and enrollment in CRDV 100.

OTHER PROFESSIONAL STUDIES COURSES

ORG 100

Exploring Business & Management

Three Credits

This course examines fundamental issues in the world of business and the practice of management. It is designed to be an interactive and lively experience that provides students with a theoretical background of how organizations work and the role of management in organizations. Some of the areas and issues that will be covered include: the role of managers, the history of managerial thought, planning and problem-solving, individual responsibility, and the ever-changing world of business in a global environment. Students will be challenged to apply theoretical learning to their own experiences in business and organizations, and to look at organizations as integrated and dynamic systems. Formerly dual-listed as OLC 100. *Open to Professional Studies students only.*

ORG 101

Managing Organizations

Three Credits

This course provides an introduction to the management of organizations. Students will learn about organizational structures, the history of management, and the tasks, roles, and responsibilities of managers. Planning, organizing, directing, and controlling the management process will also be discussed. Critical and ethical thinking will be emphasized throughout this course. *Open to Professional Studies students only.*

ORG 202

Global Issues in Business & Society

Three Credits

This course examines the impact of major social, political, and cultural forces on the global business environment and marketplace. Students will gain a better understanding of how society and social issues affect the business world and vice versa. Ethical challenges, diversity issues, technology, environmental issues, and social responsibility will also be examined. Formerly dual-listed as OLC 202 and ORG 102. *Open to Professional Studies students only.*

ORG 203

Fundamentals of Financial Accounting

Three Credits

This course introduces students to the principles and concepts of financial accounting. Students will develop a basic understanding of business transactions and financial statements. *Open to Professional Studies students only.*

ORG 204

Fundamentals of Managerial Accounting

Three Credits

This course focuses on the analyzing and generating of accounting information to be used in the planning and control processes. Students will work with budgets, standards, cost systems, and financial statement analysis for organizations. *Open to Professional Studies students only.*

Prerequisite: ORG 203 or ACCT 203

ORG 301

Managing Human Resources

Three Credits

This course gives the student an overview of the broad subject of human resources management and an in-depth exposure to the key areas of this critical function. The most successful organizations know that human resources must operate at the strategic level, along with finance and law, the other core staff functions. The meaning of a strategic approach is explored in depth, providing a solid grounding in what management of human resources requires in today's diverse, litigious, downsizing-prone, tough, often controversial world of organizational life. Formerly dual-listed as OLC 301. *Open to Professional Studies students only.*

ORG 302

Behaviors in Organizations

Three Credits

The field of organizational behavior explores the operations, human resources, and communication styles within business, community, and other types of organizations. This course provides a foundation for understanding organizational behavior at the individual, group, and organizational level. Students will examine current research, various theories, models, and contemporary issues in the field to understand better the way that organizations work or don't work. Collaborative learning through the application of theory to real-life organizations will be emphasized in this course. Formerly dual-listed as OLC 302. *Open to Professional Studies students only.*

ORG 321

Issues in Leadership

Three Credits LA

This course examines both the theoretical and practical aspects of leadership focusing on the role of the leader within business and community organizations. Leadership will be examined from historical, cultural, ethical and psychological perspectives with an emphasis on the changing nature of effective leadership in a global business environment. Students will have an opportunity to examine and develop their own personal leadership styles and potentials through collaborative and experiential learning experiences. *Open to Professional Studies students only.*

Prerequisites: ORG 100, ORG 202, ORG 301 or ORG 302

ORG 322

Leadership in the Global Workplace

Three Credits LA

A leader's ability to approach diversity from a perspective that can use individual differences to empower followers is becoming increasingly important in the global workplace. This course introduces students to the changing role of leadership within multicultural and multinational organizations while identifying the leadership skills necessary for preparing organizations for success in globally diverse environments. *Open to Professional Studies students only.*

Prerequisite: ORG 100, ORG 202, ORG 301, or ORG 302

ORG 340

Foundations of Marketing

Three Credits

This course introduces students to the role of marketing in organizations. Students will study all facets of the marketing process including: environmental analysis,

marketing-information management, market research, consumer and business behavior, segmentation, and positioning. Students will also explore marketing from a global view (examining global market forces and globally competitive environments). Legal and ethical impacts of marketing will be explored through case studies. *Open to Professional Studies students only.*

ORG 380

Legal Issues in Organizations I

Three credits

This course is designed to cover the fundamental principles within common business transactions. Students will study the nature of law, the function of law, court procedure, and legal principles pertaining to contracts, agency, and property. *Open to Professional Studies students only.*

ORG 381

Legal Issues in Organizations II

Three credits

This course is a continuation of Legal Issues in Organizations I. Topics covered in this course include the sale of goods, paper and bank transactions, secured transactions under the Uniform Commercial Code (including international sale of goods), corporate formation, capitalization and control, partnerships, and insurance. *Open to Professional Studies students only.*

Prerequisite: BUS 380 or ORG 380

ORG 401

Issues in Compensation Administration

Three Credits

An introductory course designed to explore the basic concepts of compensation including motivation, job analysis, job evaluation, compensation surveys, merit pay, pay-plan design, and benefits. Compensation administration will be explored from ethical and managerial perspectives. *Open to Professional Studies students only.*

Prerequisite: ORG 301 or BUS 301

ORG 410

Advances in Employment & Development

Three Credits

This course continues the study of human-resource management issues including training, career management, diversity issues, and personnel and organizational development. Students will have the opportunity to engage in career planning and development in addition to individual and organizational training. *Open to Professional Studies students only.*

Prerequisite: ORG 301 or BUS 301

ORG 421

Strategic Leadership & Innovation

Three Credits LA

Understanding where to look for new ideas, how to nurture them, and how they can be used to maintain a strategic advantage, is vital to the success of an organization. This course examines the need for strategic leadership as well as the relationship between creativity and innovation in the context of modern organizations. Students will learn how to initiate creativity in their organizations and how to recognize and overcome obstacles to the creative process. *Open to Professional Studies students only.*

Prerequisite: ORG 321 or ORG 322

ITALIAN

ITAL 101-102

Elementary Italian I-II

Three Credits each LA

Emphasis is placed on the acquisition of the fundamental skills of understanding, speaking, reading, and writing. Through the language study, the student is introduced to the Italian culture. Closed to heritage speakers of Italian. Offered annually.

ITAL 105-106

Intermediate Italian I–II

Three Credits each LA

A continuation of the elementary course. The basic language skills are pursued more intensively and thoroughly. A better understanding of Italian culture continues. Closed to heritage speakers of Italian. Offered annually.

ITAL 201

Advanced Italian I

Three Credits each LA

This course is intended for students who have completed the four foundation courses in Italian language at Marist (101, 102, 105, 106), as well as students new to Marist who have demonstrated a high level of proficiency on the Italian placement exam. This course provides a thorough review and expansion of Italian grammar and the opportunity to further improve the four language skills (listening, speaking, reading and writing) through a current and pertinent cultural framework. Grammar points will be mastered through various spoken and written activities and reinforced by carefully chosen readings from contemporary Italian literature which illustrate them. Special attention will be given to idiomatic expressions which pose special problems to speakers of English. This course will serve as a springboard for more advanced elective courses in Italian. Required for the Italian minor/major. Offered in the fall.

ITAL 250

Civilization of Italy

Three Credits LA

Dual listed as CSIT 250

This course will examine the ways both individual and collective identity have been shaped in Italy from the Middle Ages to the present by language, politics, literature, film, art, and fashion. In addition to studying cultural production, students will explore major events, movements and figures in Italy. While the course is organized chronologically, recurrent themes throughout Italian history will generate much of our class discussions. Required for the Italian minor/major. Course and readings will be in Italian. Offered in the spring.

ITAL 281

Italian for Conversation

Three Credits LA

This course will serve to improve conversational fluency in Italian. Students entering should have a good command of the fundamental structures of the language (present tense, past tenses, future, and the conditional and subjunctive moods), since grammar will not be taught formally, but only reviewed cursorily as situations warrant it. While the four language skills (listening, speaking, reading and writing) will be reinforced, particular emphasis will be placed on listening and speaking. Cultural readings and listening comprehension activities will provide stimulus for discussion. Through readings, presentations, discussions and role play, students will improve pronunciation and develop vocabulary that allows them to communicate on topics such as contemporary Italy, human relationships, the arts, history, cinema and music. Students will be required to give two oral presentations in Italian on topics related to Italian culture. Required for the Italian minor/major. Offered in the spring.

ITAL 282

Advanced Reading and Composition

Three Credits LA

This course is intended for students who have completed the four foundation courses in Italian language at Marist (101, 102, 105, 106), as well as students new to Marist who have demonstrated a high level of proficiency on the Italian placement exam. We will concentrate primarily on honing two of the four language skills: reading and writing. Through short, frequent, and varied readings both literary (short stories, novels, poetry, plays) and non-literary (newspapers, magazines), students will acquire strategies to improve comprehension and appreciation of diverse texts. Responses to readings, expressed through creative individual and group writing assignments, will serve to refine written expression. Required for the Italian minor/major. Offered in the fall.

ITAL 307

Italian Literature

Three Credits LA

In this course, a selection of Italian literary texts will be discussed and analyzed. The course focus (themes, time periods) will be determined by the instructor. Through novels and short stories, we will explore relationships between literature, history, and society, and study and appreciate different writing styles. Themes such as identity formation, social integration, interpersonal relations, gender, memory and the past, and technology and the future will be treated. Relevant literary theory and criticism will be introduced and will be an important part of class discussions. Elective for the Italian minor/major. Satisfies Core requirement in Literature. Offered in the fall.

ITAL 308

Italian Cinema

Three Credits LA

This course provides an overview of major trends and developments in Italian cinema from the silent era to the present. Through select films students will acquire an in-depth understanding of 20th century Italian history, culture, and society. Some topics examined are the impact of war on society, politics and ideology, the north-south divide, gender relations, and the institution of family. Movements such as Neorealism, and genres such as the comedy and the spaghetti western will be covered. Cinematic techniques will be discussed and the films will be appreciated as works of art. Course and readings will be in English. Screenings will be in Italian with English subtitles. Elective for the Italian minor/major. Students who use the course toward the Italian minor or major must complete the final research paper in Italian. Satisfies Core requirement in Fine Arts. Offered in the spring.

ITAL 477

Capping Course

Three Credits LA

A capping course required for all senior Italian majors. In this course students demonstrate their proficiency through the reading and analysis of a variety of texts. Students will integrate cultural, literary, and theoretical approaches through a major final paper and oral presentation.

JAPANESE

JPN 101-102

Elementary Japanese I–II

Three Credits each LA

Emphasis is placed on building a solid foundation as attention is given to all four skills: listening, speaking, reading, and writing. At the same time, students develop an understanding and appreciation of Japanese culture. The Hiragana and Katakana symbols are introduced first and the Kanji characters are gradually taught. By the end of the course, students should be able to handle a number of interactive survival situations. JPN 102 may be used to fulfill the foreign-language option of Core/LS. Closed to native speakers from Japan. Offered annually.

JPN 105-106

Intermediate Japanese I–II

Three Credits each LA

The elements of basic Japanese are pursued more intensely and thoroughly. They include practice in listening comprehension, speaking, reading, and writing. A better understanding of Japanese culture continues. The students will be able to deal successfully with many more interactive survival situations and with greater proficiency. Closed to native speakers from Japan. Offered annually if there is sufficient student interest.

JPN 120

The Civilization of Japan

Three Credits LA

Dual listed as CSJP 120

The cultural development of Japan through the study of its history, geography, literature, and fine arts. A basic knowledge of Japanese society will be obtained. The students will experience some specific aspects of Japanese culture that

would be practical for persons in business and travelers. Taught in English. Offered every year.

LATIN

LAT 101-102

Elementary Latin I–II

Three Credits each LA

A basic introduction to the study of Latin grammar, vocabulary, and Roman culture. No previous knowledge of Latin required. Latin 102 may be used to fulfill the foreign-language option of Core/LS. Offered annually.

LAT 105-106

Intermediate Latin I–II

Three Credits each LA

Advanced study of grammar, stressing forms and syntax, with readings from classical authors, and a continuation of the study of Roman culture. Offered when there is sufficient student interest.

LEARNING CENTER

LERN 104

Self Development

Three Credits LA

This course is designed to introduce students to theories which promote self-development. Topics include: values clarification, goal setting, motivation, multiple intelligences, assertiveness, time management and self-esteem. Students will apply these theories to their individual goals in order to enhance their self-management skills, thus enabling them to be more successful in their personal, educational and professional lives. Offered every semester.

LERN 105

Critical Reading and Thinking

One Credit LA

This course is designed to develop the critical and inferential reading skills required in all college work. Using college-level reading materials in various genres and disciplines, the student will practice principles of analysis as well as comprehension of content. This course meets once a week.

LERN 119

Transfer Seminars

One Credit LA

This course addresses the unique needs of the Marist transfer student. The course will include the common reading for freshmen, and workshops on information literacy, presentation skills, and critical thinking. Other topics covered will include transition issues, information on schools, majors, minors, the Core, Pathways, etc. Students will become familiar with our web-based registration systems, student support services, the Marist International Program, the Center for Career Services, Student Financial Services, and student organizations.

LERN 120

The College Experience

One Credit

This course addresses the needs of freshmen who have not declared a major. Topics include transition issues, information on schools and majors, and the Core; time management and study skills. The course requires participation in the Majors Fair and/or a cultural event. Students will become familiar with web-based registration and student services. Presentations from the Center for Career Services and the Marist Abroad Program are also included. Offered fall semester only.

MATHEMATICS

MATH 108

Intermediate Algebra

Three Credits LA

This course provides students the opportunity to develop the skills and understanding that are essential for further study of many areas of mathematics, including calculus and introductory statistics, and related subjects such as accounting, business, and economics. The topics covered include: linear and

quadratic functions and their graphs; exponents and radicals; exponential functions; rational algebraic expressions; and systems of equations. This course may not be used to satisfy the Core Mathematics requirement. Offered in the fall. By placement only.

MATH 110

Excursions in Mathematics: Classical Models

Three Credits LA

This is a nontraditional mathematics course designed to develop better logical and mathematical thinking in the students who take it. The main topics are chosen from logic, general problem-solving techniques, number theory, or classical mathematical problems. Students are expected to be able to justify in writing their solutions to all problems. MATH 110 or MATH 111 is offered every semester.

Prerequisite: Three years of high school mathematics

MATH 111

Excursions in Mathematics: Modern Models

Three Credits LA

This is a nontraditional mathematics course designed to develop better logical and mathematical thinking in the students who take it. The main topics may be chosen from graph theory, game theory, or current mathematical topics. Students are expected to be able to justify in writing their solutions to all problems. MATH 110 is not a prerequisite for this course. MATH 110 or MATH 111 is offered every semester.

Prerequisite: Three years of high school mathematics

MATH 115

Calculus with Management Applications

Three Credits LA

This course introduces one of the basic computational tools of calculus: the derivative. Functional models, including linear, quadratic, exponential, and logarithmic models are developed. These ideas and techniques are applied to study situations from business and other disciplines. This course is offered every semester. Appropriate technology will be selected by the instructor.

Prerequisite: Three years of high school mathematics or MATH 108 or satisfactory performance on the Mathematics Placement Test

MATH 120

Precalculus

Three Credits LA

Precalculus is an introduction to the basic mathematical skills necessary for the study of calculus. The topics studied include rational expressions, analytic geometry, and the elementary properties of functions including exponential, logarithmic, and trigonometric functions. This course is intended for students who plan to enroll in MATH 241 but lack the necessary background. Appropriate technology will be selected by the instructor. This course is offered every fall.

NOTE: This course may not be taken for credit by students who have completed MATH 241 or higher courses or their equivalents.

Prerequisite: Two years of high school algebra or MATH 108

MATH 130

Introductory Statistics I

Three Credits LA

This course introduces the basic ideas and techniques of statistics including: descriptions of sample data; simple probability; the binomial and normal distributions; estimation; hypothesis testing; correlation and regression; and the chi-squared distribution. Appropriate technology will be selected by the instructor. This course is offered every semester.

NOTE: This course may not be taken for credit by students who have completed MATH 330.

Prerequisite: Three years of high school mathematics or MATH 108 or satisfactory performance on the Mathematics Placement Test

MATH 131

Introductory Statistics II

Three Credits LA

This course continues the study of correlation and regression and the chi-squared distribution. It also treats experiment design, non-parametric techniques, and

specialized statistical techniques. Appropriate technology will be selected by the instructor. This course is offered upon sufficient student demand.

Prerequisite: MATH 130

MATH 205

Discrete Mathematics

Four Credits LA

This course introduces the algebraic concepts, methods, and techniques that form the basis of computer science, including the relevant areas of logic, set theory, matrices, graphs, geometric linear algebra, and the theory of relations; functions; bounds; and permutations. Offered every semester.

Prerequisite: Three years of high school mathematics

MATH 210

Linear Algebra

Three Credits LA

This course introduces the theory of vector spaces and linear transformations as abstract systems. Matrices, matrix operations, and determinants are introduced and they are used to study systems of linear equations, characteristic value problems, and various applications. Appropriate technology will be selected by the instructor. This course is offered every semester.

Corequisite: MATH 241 or permission of the instructor

MATH 220

Introduction to Data Analysis

Four Credits LA

Dual listed as DATA 220

This course introduces the basic ideas and techniques of data science including: exploratory data analysis, experimental design and sampling; relationships between one and several variables including single and multiple regression and two way tables; sampling distributions; inferential statistics for means, proportions, and regression coefficients; simple ANOVA. The course includes a computer lab using an appropriate high level statistical software package such as R. This course is offered every semester.

Prerequisite: Three years of high school mathematics or satisfactory performance on the Mathematics Placement Test

MATH 230

Operational Models

Three Credits LA

This course surveys modern mathematical techniques that have special applicability in business and economics. Among the topics considered are linear programming, including simplex, transportation, and assignment algorithms; queuing theory; simulation; and scheduling techniques. Computer use will be required since the development of mathematical models and the interpretation of results are emphasized. This course is offered upon sufficient student demand.

NOTE: This course may not be taken for credit by students who have completed MATH 430.

Prerequisites: MATH 130 and MATH 115, MATH 241 or MATH 242

MATH 241

Calculus I

Four Credits LA

This course introduces the differential and integral calculus of algebraic, trigonometric, exponential, and logarithmic functions on the real line. Limits, continuity, the mean value theorem, and the Fundamental Theorem of Calculus are considered as well as applications using these ideas. Appropriate technology will be selected by the instructor. This course is offered every semester.

Prerequisite: Three years of high school mathematics including trigonometry or MATH 120

MATH 242

Calculus II

Four Credits LA

This course discusses applications of the definite integral as well as techniques of integration. Sequences and series, Taylor's theorem, and polar notation are considered. Appropriate technology will be selected by the instructor. This course is offered every semester.

Prerequisite: MATH 241

MATH 251

Discrete Mathematics II

Three Credits LA

This course continues the development begun in MATH 205. It includes the study of partially ordered sets, lattices and Boolean algebras, groups and semigroups, and matrix methods.

Prerequisite: MATH 205

MATH 310

Introduction to Mathematical Reasoning

Three Credits LA

This course focuses on developing the habits of thought and careful exposition that are essential for successful study of mathematics at the junior/senior level. Fundamental proof methods including proof by contradiction, by induction, and through case analysis are studied in the context of elementary set and function theory, number theory, and binary relations. This course is offered every semester.

Prerequisite: MATH 242

MATH 321

Differential Equations

Three Credits LA

Solutions to linear and non-linear differential equations are generated by use of integration techniques, series, and transform methods. Numerical methods for generating approximate solutions and geometric methods for the qualitative study of dynamical systems are also considered. Offered at least biennially in the spring.

Prerequisites: MATH 210, or permission of the instructor

Corequisite or Prerequisite: MATH 343

MATH 330

Probability and Statistics

Three Credits LA

This course is an introduction to probability as a basis for the theory of statistics. The topics covered include sample spaces; conditional probability and independence; discrete and continuous distribution functions; random variables; and joint and marginal probability distributions. Offered at least biennially in the fall.

Corequisite or Prerequisite: MATH 343

MATH 331

Applied Statistics

Three Credits LA

This course considers the applications of probability to problems of statistical inference, including correlation, regression, sampling estimation, hypothesis testing, goodness-of-fit tests, and design of experiments. A statistical software package such as R will be used. Offered biennially in the spring upon sufficient student demand.

Prerequisite: MATH 330

MATH 343

Calculus III

Four Credits LA

This course introduces multivariate calculus. Topics covered include: vector geometry, functions of several variables, partial derivatives, and multiple integration. As time permits, line and surface integrals, Green's and Stoke's theorems with related topics and their applications, as well as differential equations may be covered. Appropriate technology will be selected by the instructor. Offered every semester.

Prerequisite: MATH 242

MATH 393-394

Special Topics in Mathematics I–II

Three Credits each LA

A "special topics" course is a regularly scheduled class whose subject matter is not covered by any of the cataloged courses of the discipline. The specific content is described when the course is listed in the schedule of classes.

Prerequisite: Permission of the Dean

MATH 395

Math Practicum

One Credit

Each student will participate in an approved and supervised service activity which makes direct and substantial use of the student's mathematical expertise. Examples include tutoring in the Math Lab and conducting review sessions for the Learning Center. This course is only open to Mathematics majors and minors. The maximum number of credits that a student can earn is three.

MATH 410

Abstract Algebra I

Three Credits LA

This course introduces the basic concepts of modern algebra: axiomatic definition of algebraic structures and homomorphisms. It concentrates on group theory with an introduction to ring theory. Additional topics may include elementary number theory, group actions, or the Sylow theorems. Offered at least biennially in the fall.

Prerequisites: MATH 210, MATH 310

MATH 411

Abstract Algebra II

Three Credits LA

A continuation of Math 410, this course concentrates on aspects of the theory of rings, fields, and modules. Closely related topics in number theory, Galois theory, or graph theory may also be covered. Offered biennially in the spring upon sufficient demand.

Prerequisite: MATH 410

MATH 412

Computational Linear Algebra

Three Credits LA

This course explores some of the computational aspects of linear algebra. It considers both the theoretical and applied mathematical aspects of algorithms and provides the student with opportunities for further development of programming skills. Offered biennially in the spring upon sufficient student demand.

Prerequisite: MATH 210 and either CMPT 120 or DATA 220

MATH 420

Mathematical Analysis I

Three Credits LA

This course undertakes a rigorous study of the topology of real numbers and more general spaces, taking a unified approach to sequences and series and continuity. It may also include sequences of functions, differentiation, and the Fundamental Theorem of Calculus. Offered at least biennially in the fall.

Prerequisites: MATH 210, MATH 310, MATH 343

MATH 421

Mathematical Analysis II

Three Credits LA

This course undertakes a rigorous study of the inverse and implicit function theorems, the Riemann integral and the Fundamental Theorem of Calculus, the integration of forms, and Stokes Theorem. If time permits, an introduction to Lebesgue integration will be given. Proofs of elementary theorems will be expected of the student. Offered upon sufficient student demand.

Prerequisite: MATH 420

MATH 422

Applied Mathematics I

Three Credits LA

This course considers advanced techniques in the analysis and applications of systems of ordinary differential equations. Topics may include Laplace transforms, Hamiltonian and Lyapunov stability, and bifurcations. The roles that matrices and complex variables play in modeling will be discussed. MATH 422 is offered at least biennially in the fall.

Prerequisite: MATH 321

MATH 423

Applied Mathematics II

Three Credits LA

This course investigates analytic and numerical solutions to partial differential equations. Particular emphasis is placed on using Fourier series for analysis of the heat equation, wave equation, and Laplace's equation. Additional topics may include applications involving modeling physical and chemical processes. MATH 422 is not a prerequisite for this course. MATH 423 is offered upon sufficient student demand.

Prerequisite: MATH 321

MATH 424

Complex Analysis

Three Credits LA

This course investigates the theory of functions of a single complex variable, considering continuity, differentiability, the Cauchy-Riemann equations, analytic functions, complex integration, Cauchy's Theorem, Taylor's Theorem, Taylor and Laurent series, residue theory, conformal mapping, and harmonic functions. Offered biennially in the spring upon sufficient student demand.

Prerequisites: MATH 310, MATH 343

MATH 430

Operations Research

Three Credits LA

This course introduces the basic ideas and methods of operations research, considering topics selected from linear programming and the simplex method; transportation problems; sensitivity analysis; graphs and networks; CPM; PERT; dynamic programming; game theory; Markov chains; queueing; birth and death processes; inventory theory; simulation; and computer considerations. Offered biennially in the fall upon sufficient student demand.

Prerequisite: MATH 210

MATH 440

Numerical Analysis

Three Credits LA

This course studies the design and implementation of numerical algorithms for computing devices, considering number systems and error analyses; nonlinear equations; systems of linear equations; matrix operations including inversion and eigenvalue problems; interpolation; differentiation and integration; ordinary differential equations; and difference methods for some partial differential equations. Offered biennially in the spring upon sufficient student demand.

Prerequisites: MATH 210, MATH 242, and either CMPT 120 or DATA 220

MATH 441

Combinatorics

Three Credits LA

This course introduces the concepts and techniques used when analyzing discrete mathematical structures and relations. The topics covered include counting principles, the Inclusion-Exclusion Principle, recurrence relations, topics from graph theory, and generating functions. As time permits, topics from finite geometry, Ramsey Theory, matroids, or block designs may be investigated. Offered biennially in the spring upon sufficient student demand.

Prerequisite: MATH 310 or by permission of instructor

MATH 450

Fundamental Concepts of Geometry

Three Credits LA

This course provides an introduction to the concepts of geometry, with an emphasis on the relationship between algebra and geometry. Euclidean plane geometry is studied in terms of various transformations and their groups. This is followed by a systematic treatment of affine and projective spaces over fields and a brief survey of other geometries. Offered at least biennially in the fall.

Prerequisites: MATH 210, MATH 310, MATH 343

MATH 451

Elementary Topology

Three Credits LA

This course introduces the basic concepts of point-set topology, beginning with the notions of metric and topological spaces and the definitions of a continuous

function and a homeomorphism. Subspace, product, and quotient topologies are introduced, and the fundamental topological features of connectedness, compactness, and the Hausdorff separation property are studied. Additional topics in point-set, geometric, or algebraic topology may be included according to the interests of the instructor and the class. Offered upon sufficient student demand.

Corequisite: MATH 410 or 420

MATH 452

Foundations of Mathematics

Three Credits LA

This course considers mathematical systems, mathematical logic and proof, the real number system, and topics in the philosophy of mathematics. Offered upon sufficient student demand.

Prerequisites: MATH 210, MATH 343, or permission of the instructor

MATH 470-471

Advanced Topics in Mathematics I–II

Three Credits each LA

These courses are designed for upper-level mathematics students. The course format is flexible and will be chosen to respond to the needs of the students participating and the nature of the subject being studied. The topics considered must have upper-level prerequisites, but may otherwise be chosen to satisfy student and faculty interests. Offered upon sufficient student demand.

Prerequisite: Permission of instructor

MATH 477

Capping Course

Three Credits LA

This course helps students to unify and integrate their mathematical education and to place it in a broader context of scientific, philosophical, and social issues. Each student selects a topic, makes two presentations to the seminar, and prepares a major paper. When appropriate, there may be presentations by faculty and outside speakers, but the focus will be on student activity. Topics for consideration will be chosen from the areas of philosophy, foundations, history, and applications. Offered every spring.

Prerequisite: Senior standing or permission of the instructor

MEDIA STUDIES AND PRODUCTION

MDIA 101

Introduction to Media Studies

Three Credits LA

This course introduces students to theories, history, production practices, research, and writing associated with media studies. Students will critically examine various media such as film, television, games, websites, social media, and radio. Media convergence, ethics, storytelling, culture, and creativity will be explored throughout the course. Offered every year.

MDIA 103

Digital Toolbox

Three Credits LA

Dual listed as COM 103

This course provides essential skills in digital media applications including developing text, still and moving images, information graphics, and audio files for Web-based presentation for a wide range of communication professions and serves as a foundation for more advanced courses involving Web-based production. Offered in fall and spring.

MDIA 110

Introduction to Design

Three Credits LA

This course will help students use media to more effectively communicate ideas, perspectives, and knowledge. Students will be introduced to the aesthetic principles of designing interactive media, including composition, color, navigation, typography, layout, texture, interactivity, iconography, and imagery. There will be hands-on practice in character sketching and storyboarding, visual research, paper prototyping, web design, and basic animation. Topics include visual signification, the social and aesthetic functions of the image, DIY, and the

language of emerging media. The focus will be on digital, interactive and screen media, such as games, apps, websites, and mobile. Film, television, comics and print media will also be included. No prior knowledge or technical expertise is required. Offered every year.

MDIA 120

Art of Film

Three Credits LA

An introduction to the techniques, aesthetics, forms, functions, effects, and values at work in cinema. Students will learn to identify and analyze the techniques and methods used in a wide range of films with the goal of demonstrating how meaning is created. This course fulfills the Core Distribution Requirement in Fine Arts. Offered in fall and spring.

MDIA 201

Writing for Media

Three Credits LA

This course emphasizes writing style and mechanics, pre-writing techniques and idea generation, concept pitching, workshopping, storyboarding, and basic dramatic and comedic principles as students create professionally formatted scripts for a variety of common and emerging media. Projects include writing public service announcements, short films, podcasts, episodic television shows, video games, and interactive experiences. Offered in fall and spring.

Prerequisite: Sophomore standing

MDIA 203

Video Production

Three Credits LA

An introduction to the major areas of video production: practical camera operation, audio production, lighting, and post-production. Students also learn theoretical and aesthetic principles of film, television and video. This course provides concepts and vocabulary designed to prepare students for a professional production environment. Offered in fall and spring.

Prerequisite: Sophomore standing

MDIA 206

Acting I

Three Credits LA

Dual listed as ENG 227

See ENG 227 for course description.

MDIA 210

Interactive Media I

Three Credits LA

This course introduces students to the design process and design thinking. Students will practice a variety of techniques, exercises and approaches that can be used to design any interactive media, including websites, games, blogs, e-books, webisodes, and mobile applications (apps). During the first half of the course, students learn the fundamentals of interaction design, including interface and user-centered design, and practice analyzing and critiquing interactive media. The second half of the course is focused on working in a group to create a set of designs for an interactive experience. Theories, critiques, and practices from a variety of fields will be used, such as psychology, education, business, communication, art and the humanities. Each semester will pose a new design theme. Past themes have included “the environment” and “civic engagement.” No programming experience is necessary. Offered in fall.

Prerequisite: Sophomore standing

MDIA 301

Screenwriting for Film and Television

Three Credits LA

Dual listed as ENG 303

This workshop course focuses on the tools professional screenwriters use to create compelling film and television stories. Students will learn scene-writing techniques based on the principles of dramatic irony, visual storytelling, three-act story structure, and protagonist-driven narrative. Students will identify and solve story problems in their own writing and in the writing of their classmates as they

develop concepts into treatments and step outlines for feature-length movies or hour-long television scripts. Offered in fall.

Prerequisites: ENG 117, junior standing

MDIA 302

Editing

Three Credits

This course seeks to develop both technical skills and aesthetic sensibilities necessary for video editing. Students will become familiar with Avid, learning tools and time-saving techniques of nonlinear editing workflow. Approaches to editing specific types of programs such as interviews, dramatic narratives, and music videos will be explored. Graphics creation and audio enhancement will also be covered. Offered in fall and as necessary.

Prerequisite: MDIA 203 or instructor's permission

MDIA 304

Audio Production

Three Credits

Fundamentals of audio recording, editing, mixing, and processing are addressed in a broad range of applications, including radio, film, television, music production, and audio for the Internet. Also includes theoretical concepts about the nature of sound and psychoacoustics. Offered in fall and spring.

Prerequisite: Junior standing or instructor's permission

MDIA 305

Lighting and Cinematography

Three Credits

In this course students will study the artistic, aesthetic and technical elements of cinematography and lighting as they relate to single camera film and video production. The artistic elements include the use of color, diffusion, framing, depth of field and shot composition. The technical elements include the physical tools and accessories used in film and video production such as lights and cameras. Offered as and when necessary.

Prerequisite: MDIA 203 or instructor's permission

MDIA 306

Media Performance

Three Credits LA

Dual listed as ENG 306

This course provides the student who is serious about a career in front of the camera or mic with an opportunity to analyze, synthesize, and refine their media performance skills in a number of key areas, including that of electronic journalism, dramatic and comedic acting, documentary and corporate video narrative, and radio deejay performance. Offered as and when necessary.

Prerequisite: Junior standing or instructor's permission

MDIA 310

Interactive Media II

Three Credits LA

This course builds on earlier courses and continues to develop students' understanding of the design process, iterative design, information architecture, user testing and prototyping. Students will focus on the formative and summative assessment of their design practice, using a variety of research methods and techniques, such as surveys, focus groups, observation, interviews, and usability testing. Students will also conduct a series of rapid prototyping and design exercises that will support the creation of a robust portfolio. Case studies, reading, discussion and weekly critiques will help students hone their practice. Students will be required to present their work regularly in a variety of written, visual, and digital formats. No programming experience is necessary. Offered in spring.

Prerequisite: MDIA 210

MDIA 311

Media Theory and Methods

Three Credits LA

This course is an upper-level seminar in media and its social, theoretical, and creative implications. Students will learn theoretical and critical perspectives on the economic, legal, cultural, social, and political implications of media formats from a variety of perspectives and disciplines. Students will identify,

evaluate and apply research findings in the development of an original research project. Research methods taught include textual analysis, content analysis, ethnography, survey and quantitative analysis, case studies, and user testing. Topics include digital culture, convergence, narrative, the cyborg, semiotics, digital art, representation and remediation, as well as the expansion of media infrastructures and the development of global and mass mediated technologies. Offered in spring.

Prerequisites: MDIA 101 or COM 101, or instructor's permission. Junior standing.

MDIA 312

Online Culture

Three Credits LA

This course introduces students to theories, research methodologies, and design techniques related to online and social media, including the Internet, mobile, online games, and other platforms. This includes YouTube, Facebook, Twitter, World of Warcraft, and Instagram. Students will learn how people connect online, represent, identify, advertise and sell, and express cultural values. Students will be introduced to the process of designing and prototyping online media. No technical knowledge is required. Offered as and when necessary.

Prerequisite: Junior standing or instructor's permission

MDIA 313

Storytelling Across Media

Three Credits LA

This course provides an introduction to interactive storytelling and storytelling across media, as well as branding, advertising and business considerations. Media properties such as Harry Potter, Star Wars, Lady Gaga, American Idol, and The Matrix will be analyzed. Students will work individually and collaboratively to critique media properties, as well as design their own interactive stories. This class emphasizes an iterative design process, and no technical knowledge is required. Offered as and when necessary.

Prerequisite: Junior standing or instructor's permission

MDIA 314

Game Design I

Three Credits LA

This course introduces students to the game design process, including devising game mechanics, rules, goals, and design principles. The course also emphasizes the analysis, interpretation, and impact of games, and how this relates to the design process. Students will individually and collaboratively design digital and non-digital games, as well as practice playtesting and prototyping techniques. No programming experience is necessary. Offered as and when necessary.

MDIA 316

Ethics and Gaming

Three Credits LA

This course introduces students to the intersection of ethics and gaming, by providing students with a foundation in ethics and relating it to game design and game studies. Students will be exposed to different case studies of both digital and non-digital games considering how values and cultural norms are represented and negotiated. Students will consider how games may help us learn values and practice ethics. They will also better understand the controversies and concerns related to gaming and game production, and how this relates to broader social issues, such as gender, racial and sexual identity; violence; and social justice and empathy. Students will critique games in light of a variety of ethical frameworks such as virtue ethics, hedonism, Kantianism, utilitarianism, and Feminism. No technical knowledge is required. Offered as and when necessary.

Prerequisite: Junior standing or MDIA 314

MDIA 320

History of Electronic Media

Three Credits LA

This course examines the history of electronic media from the development of radio to television, digital media, and the Internet. Emphasis is placed on exploring the economic, social, governmental, and political factors that spurred the growth of these media and how electronic media's cultural products have impacted society. Offered as and when necessary.

Prerequisite: Junior standing

MDIA 321

Television Theory and Criticism

Three Credits LA

This course introduces students to the study of television from theoretical and critical perspectives and to the practice of academic research in television studies. Students will learn to identify, evaluate, and apply research findings in the development of an original research project. This course will provide the student with the tools to critically study television both as an art and as a cultural barometer. The student will learn various critical methodologies drawn from other arts – film, literature, drama, and other performing arts. The methodologies will include criticism from socioeconomic, historical, mythological, psychological, semiotic, quantitative, and sociological perspectives. Offered in fall and as necessary.

Prerequisite: MDIA 120

MDIA 322

Film Theory and Criticism

Three Credits LA

This course introduces students to the major early and contemporary film theories and theorists, and to the practice of academic research in film studies. Students will learn to identify, evaluate, and apply research findings in the development of an original research project. Critical methodologies will include criticism from sociological, socioeconomic, psychological, and semiotic perspectives. Topics and theories covered may include: the language of film; realism and formalism; film acting, costume, and sound; film genre; class, race, and ethnicity; feminism; psychoanalytic theory; queer theory; ecocriticism; and theories of spectatorship. Offered in fall and spring.

Prerequisite: MDIA 120

MDIA 323

Film and History

Three Credits LA

Dual listed as HIST 381

An interdisciplinary examination of the relationship between history and its representation on film – how filmmakers use, modify, and even interpret historical periods, figures, and events for their purposes. The course will, at the same time, examine how filmic modifications are dictated by the demands of the medium and by the historical and cultural contexts under which the films are made. The course may focus on a particular historical period, event, culture, or theme. Offered as and when necessary.

Prerequisites: HIST 101, junior standing, and one HIST or one MDIA or COM course

MDIA 324

Experimental Film and Video

Three Credits LA

Examines the theory and practice of a major 20th-century art movement from its origins in Dada and surrealism to more recent abstract expressionist, minimalist, and structuralist works. The course focuses on how experimental film and videos differ in form, technique, and content from the more traditional narrative and documentary movements. The course examines the works of Marcel Duchamp, Luis Buñuel, Man Ray, Maya Deren, Kenneth Anger, James Broughton, the Whitney Brothers, Stan Brakhage, Michael Snow, and others. Offered as and when necessary.

Prerequisite: Junior standing

MDIA 325

Documentary Film

Three Credits LA

This course is an examination of documentary film and video, both as a film movement and as a record of history. The course surveys the historical development of the documentary, to recent trends in documentary. Various aspects of the documentary will be explored, such as: documentary as social advocate, Cinéma Vérité, propaganda, and ethnographic uses. The impact of the documentary movement on society will be explored. Offered as and when necessary.

Prerequisite: Junior standing

MDIA 326

Race and Ethnicity in Film

Three Credits LA

An investigation of the representation of race and difference in cinema. The course focuses on analyzing how racism is articulated in Hollywood films and also considers the question of difference in the cinema of other selected countries. Methods of resistance and subversion will be explored and assessed. Students will examine depictions of race and ethnicity in film from such perspectives as historical, psychoanalytic, semiotic, feminist, cultural, and ideological. This course fulfills a requirement for the African Diaspora Studies Minor and the Cinema Studies Minor. Offered as and when necessary.

Prerequisite: Junior standing

MDIA 331

Current Issues in Television

Three Credits LA

This course examines contemporary issues affecting television today, as a medium, industry, and art form. Through readings, viewings and producing research papers, students will analyze in depth such topics as: children and television, violence, sports, emerging genres, reality TV, and effects of FCC regulations. May be taken up to three times under different topics. Offered as and when necessary.

Prerequisite: Junior standing

MDIA 332

Current Issues in Film

Three Credits LA

This course examines contemporary issues in film studies. Through reading, viewing and producing research papers, students will analyze in depth such topics as: recent morphs of the horror genre, postmodern film, film spectatorship, independent filmmaking, film in the digital age, 3D films, Queer Cinema, Dogme 95, Mumblecore, and sequels. May be taken up to three times under different topics. Offered as and when necessary.

Prerequisite: Junior standing

MDIA 335

Gender and Media

Three Credits LA

Dual listed as WMST 385

An examination of gender differences as reflected in media. The course will focus on how gender is constructed in domestic and international films, television, video games, etc. Topics include the “gaze,” the patriarchal structure of the entertainment industry, the psychological positions of the male and female spectator, and theoretical approaches to feminist and masculinist analysis of texts. Readings will draw from feminist, psychoanalytic, semiotic, and sociological perspectives. Offered as and when necessary.

Prerequisite: Junior standing

MDIA 339

Film and Literature

Three Credits LA

Dual Listed as ENG 339

This interdisciplinary course examines the working relationship between literary texts and cinema. The course may explore the ways filmmakers interpret and modify the literary text, how those modifications are dictated by the demands of the medium, and how they help illuminate the original piece of literature and its contexts. Alternatively, the course may also explore the expression and representation of particular themes in literary and cinematic works. This exploration will draw upon structural elements such as plot, setting, characterization, and point of view that are common to both creative forms, highlighting similarities and analyzing the differences that emerge. This course is designed to be taught by a faculty member in each discipline. Fulfills the Core Distribution Requirement in Literature. Offered as and when necessary.

Prerequisites: Junior standing and at least three credits of Core literature.

MDIA 350

Directing

Three Credits LA

Dual listed as ENG 350

See ENG 350 for course description.

MDIA 360, 361, 362

Media Internship

One, Three, or Six Credits each

Designed to be a professional work-related experience. Provides the student with a practical, hands-on opportunity to apply theory in a professional work setting. Seminar meetings afford students a chance to critically examine the relationship between theory and practice. Successful students will enhance their knowledge of communication and media theory and skills in a real-life atmosphere under the supervision of practicing professionals in the media industry. Offered in fall, spring, and summer.

NOTE: Internships carry general elective credit and may not be used to fulfill media arts elective requirements.

Prerequisites: Junior standing, permission of Internship Director, and CRDV 100N

MDIA 390, 490

Independent Research in Media Studies

Three Credits each LA

Directed independent study and research under the supervision of a faculty member. Offered as and when necessary.

Prerequisites: Permission of instructor and Dean

MDIA 401

Advanced Screenwriting

Dual listed as ENG 403

Three Credits LA

This workshop course will guide students through the drafting and rewriting process as they complete and polish a full-length film or television screenplay. In addition to creating their own scripts and workshopping those of their classmates, students will learn to analyze stories for the screen and to write professional-quality coverage for produced and unproduced screenplays. Students will also learn how to enter scripts in competitions and festivals, how to attain representation, and how other careers in the entertainment industry are related to script writing and development. Offered as and when necessary.

Prerequisite: MDIA 301

MDIA 402

Advanced Post Production

Three Credits

Advanced Post Production expands upon foundational skills learned in MDIA 302, exposing students to advanced concepts of rhythm and pacing as well as techniques particular to editing sequences of action, comedy, dialogue, and documentary. Students will learn advanced features of Avid Media Composer including multi-layer effects and compositing, animation, time effects, and color correction in preparation for the Avid Certification Examination. Applications such as the Adobe Creative suite will be used in conjunction with Media Composer. Offered as and when necessary.

Prerequisite: MDIA 302

MDIA 403

Multi-Camera Production

Three Credits

Multi-Camera Production builds upon the skills from MDIA 203 and applies them to a multicamera environment, giving students practical experience producing programs in studio and in the field. Students learn procedures and the responsibilities of each crew member, with emphasis on the roles of director, assistant director, and floor manager. The challenges of live production, precise timing for broadcast, commercial breaks and multiple roll-ins are explored. Offered every year.

Prerequisite: MDIA 203

MDIA 405

Digital Filmmaking

Three Credits LA

This lab-intensive course provides an environment for groups of students to produce short documentary or narrative digital films. It is designed as a culmination of the student's production experience and involves pre-production, production, and post-production of original screenplays. Students have flexibility in choosing material, locations, talent, and aesthetic emphases, and are encouraged to enter films in film and media festivals. Offered every year.

Prerequisites: MDIA 203 and MDIA 302

MDIA 410

Game Design II

Three Credits LA

This course exposes students to advanced game design and level design techniques. The course will introduce a set of tools, platforms, mods, and engines, which will change from year to year at the discretion of the instructor. Possible platforms include Unity, Construct 2, GameStar Mechanic, Game Salad, and Gary's Mod. Depending on the chosen tools, students will design two-dimensional games, advancing to the development of three-dimensional games if possible. Offered as and when necessary.

Prerequisites: MDIA 314, Junior standing

MDIA 411

Topics in Interactive Media

Three Credits LA

This course focuses on a specific and timely topic related to interactive media. Students are first provided with relevant theoretical frameworks and a multidisciplinary foundation of the topic, as well as a brief history and survey of emerging trends. In addition, students will learn basic design principles related to the topic and gain an understanding of how to incorporate theory into their creative practices. May be taken up to three times under different topics. Offered as and when necessary.

Prerequisite: Junior standing

MDIA 421

Topics in Television

Three Credits LA

This course focuses on a concentrated area of television studies, utilizing classroom screenings, selected readings, seminar discussions, and the development of a critical writing project. Possible topics include: genres (e.g., situation comedies, dramas, westerns); television auteurs (e.g., Norman Lear, Stephen Bochco); and national television (e.g., British, American), and themes. May be taken up to three times under different topics. Offered as and when necessary.

Prerequisite: Junior standing

MDIA 422

Topics in Global Cinema

Three Credits LA

This course focuses on a concentrated area of cinema studies, utilizing classroom screenings, selected readings, seminar discussions, and the development of a critical writing project. Possible topics include: genres (e.g., Horror, Art Cinema); film auteurs (e.g., Alfred Hitchcock, Federico Fellini); film movements (e.g., French New Wave, Cinema Novo); National Cinema (e.g., American, Italian, British, German); and themes. May be taken up to three times under different topics. Offered as and when necessary.

Prerequisite: Junior standing

MDIA 431

3D Modeling and Visualization

Three Credits LA

Dual listed as ART 431

This course focuses on the creation of 2-dimensional computer generated models used for 2D and 3D printing, games, and animation. Students will explore the processes of this art form, including modeling, texturing, shading, rigging, scene layout and rendering in order to create meaningful and unique visualizations. Techniques for character rigging and simulating physical space will be explored for preparation of future animation projects.

Prerequisite: MDIA 103 Digital Toolbox

MDIA 432

3D Animation

Three Credits LA

Dual listed as ART 432

This class focuses on the field of 3-D animation used for video, multi-media programs, games and the entertainment industry. Students will learn the process of using the computer to generate objects and their placement relative to space, cameras, and light sources. Centering on the mechanics of movement and the conception and the creation of animated forms, this course will introduce students to the principles of complex animation and physical simulation techniques. Offered every fall.

Prerequisite: MDIA 431

MDIA 460, MDIA 461, MDIA 462

Advanced Media Internship

Nine, Twelve, or Fourteen Credits each

A professionally oriented work experience in which the student spends a part- or full-time apprenticeship learning and contributing to the operation of a media-related facility. Completion of major requirements, course prerequisites, departmental screening, and clearance by the facility involved are necessary for participation in the seminar. The student is evaluated at the end of the semester by a facility supervisor and a faculty member who periodically visits the facility where the student spends the senior seminar. Offered in fall, spring, and summer. NOTE: Internships carry general elective credit and may not be used to fulfill requirements for the major.

Prerequisites: Permission of internship director, CRDV 100N

MDIA 480

Media Studies Capping

Three Credits LA

A capstone course required of all Senior Media Studies and Production Majors. The capping course brings coherence to a student's experience in the major by creating connections among the various sub-fields in which students have specialized, and it reinforces connections between the student's major and the student's experience in the Core. Offered in fall and spring.

Prerequisite: Senior standing

MEDICAL TECHNOLOGY

MEDT 260

Methods In Medical Technology

Four Credits

A study of the principles and practice of clinical laboratory medicine, including approaching the patient, venipuncture, laboratory procedures, and professional ethics. A site visit to a hospital laboratory is included. Offered every fall. *Three-hour lecture, three-hour lab per week.*

Prerequisites: BIOL 130-131

MEDT 301

Clinical Microbiology I

Four Credits

Introductory study of the classification, morphology, growth requirements, biochemical characteristics, and pathogenic mechanisms of infectious bacteria, fungi, and viruses. Laboratory exercises present techniques and procedures used to isolate and identify medically significant bacteria and fungi from clinical specimens. Offered every spring. *Three-hour lecture, three-hour lab per week.*

Prerequisite: BIOL 312

MEDT 305

Clinical Chemistry I

Four Credits

A study of clinical laboratory safety procedures, the principles of method and instrument evaluation, the manual and automated biochemical analysis of body fluids, including analytical procedures and correlation of laboratory data with biochemical and physiological processes in health and disease states. Offered every spring. *Three-hour lecture, three-hour lab per week.*

Prerequisites: BIOL 130-131, and CHEM 201 or CHEM 211-212

MEDT 315

Hematology I

Four Credits

A study of the human hematopoietic system in health and disease states and its relationship to other organ systems. A morphological study of the cellular components of blood and the mechanisms of normal hemostasis plus the pathological changes caused by disease or by anticoagulant therapy. Venipuncture techniques will be used to obtain specimens for testing. Offered every spring. *Three-hour lecture, three-hour lab per week.*

Prerequisites: BIOL 130-131, CHEM 131-132, and MEDT 260 or permission of instructor

MEDT 340

Clinical Immunology/Immunochemistry I

Four Credits

A comprehensive study of the cellular and humoral immune responses in health and disease. Includes serologic evaluation of infection, a study of human blood groups and associated genetics, transfusion therapy, detection of *in vivo* antigen-antibody reactions, and hemolytic disease of the newborn. Offered every spring. *Three-hour lecture, three-hour lab per week.*

Prerequisites: BIOL 130-131 and CHEM 131-132; BIOL 315 recommended

MEDT 345

Clinical Microscopy I

One Credit

A study of body fluids which encompasses urine, cerebrospinal fluid, gastric fluid, peritoneal, pericardial, amniotic, synovial, and seminal fluids. Includes renal physiology and pathophysiology of urinary tract disease and the microscopic and biochemical changes in urine which occur as a result of disease and are observed in the clinical laboratory. Offered every spring. *One-hour lecture, three-hour lab per week; eight-week duration.*

Prerequisites: BIOL 130-131 and CHEM 131-132

MEDT 350

Clinical Foundations in Medical Laboratory Science

One Credit

An orientation to the clinical portion of the Medical Laboratory Sciences Program, including the study of blood and blood borne pathogens; safety regulations in a hospital setting; exposure treatment and incident reporting; phlebotomy theory and practice; and NY State Rules and Regulations pertaining to the profession.

Prerequisites: MEDT 301, 305, 315, 340, and 345; or the permission of the instructor

MEDT 401

Clinical Microbiology II

Four Credits

Advanced study of clinical microbes and the pathogenesis of infectious disease. Supervised hospital and classroom instruction in current manual and automated systems for isolating and identifying medically important bacteria, fungi, viruses, and parasites from all sites of human infection. Methods in antimicrobial susceptibility testing for antibiotic therapy are included. Offered every summer/fall.

Prerequisite: MEDT 301

MEDT 405

Clinical Chemistry II

Four Credits

Advanced study of biochemical analysis of body fluids and the clinical significance of results. Supervised hospital and classroom instruction in performing these manual and automated analyses and the evaluation of test results. Offered every summer/fall.

Prerequisite: MEDT 305

MEDT 410

Hematology II

Four Credits

Advanced study of hematology and coagulation. Supervised hospital and classroom instruction in current techniques of hematological analysis and

evaluation of the diagnostic significance of results. Testing and evaluation of hemostatic function are included. Offered every summer/fall.

Prerequisite: MEDT 315

MEDT 440

Clinical Immunology/Immunohematology II

Four Credits

Advanced study of immunology and immunohematology. Supervised hospital and classroom instruction in testing for antigen-antibody reactions resulting from blood group and tissue incompatibility and infectious disease; review of blood processing, antibody identification, and component therapy. Offered every summer/fall.

Prerequisite: MEDT 340

MEDT 445

Clinical Microscopy II

One Credit

Advanced study of body fluids. Supervised hospital and classroom instruction in diagnostic procedures used to evaluate all types of body fluids. Offered every summer/fall.

Prerequisite: MEDT 345

MEDT 477

Topics in Medical Technology

Three Credits

A lecture and discussion-oriented study of current topics in medical technology. Advanced topics in medical technology, medical technology education, biomedical ethics and laboratory management are included. Case studies and problem solving emphasized. Offered every spring. *Three-hour lecture per week.*

Prerequisites: MEDT 401, MEDT 405, MEDT 410, MEDT 440, MEDT 445

MUSIC

VOCAL COURSES

MUS 112

Beginning Vocal Skills I

Three Credits LA

This elementary voice class is designed to introduce the student to the fundamentals of singing and performance preparation, including singing diction in Italian, IPA, and song interpretation. Singing with a natural sound and a relaxed feeling is encouraged. Class participation is essential and the student is expected to perform in a recital at the end of the semester. Offered every fall. Participation in Marist College Singers twice per week is strongly encouraged.

MUS 113

Beginning Vocal Skills II

Three Credits LA

In this class, growth and development in the fundamentals of singing are fostered. Theories of vocal production and preparation are studied, including diction, song interpretation, and presentation. Class participation is essential and the student is expected to perform in a recital of two foreign-language pieces at the end of the semester. Offered every spring. Participation in Marist College Singers twice per week is strongly encouraged.

Prerequisite: MUS 112 or permission of the instructor

MUS 212

Intermediate Vocal Skills I

Three Credits

The goal of this level of voice instruction is to establish a sound vocal technique and a thorough understanding of the singing voice, and to begin the process of artistic singing. Participation in Marist College Singers twice per week is strongly encouraged. Offered every fall.

Prerequisite: MUS 113 or permission of the instructor

MUS 213

Intermediate Vocal Skills II

Three Credits

The goal of this level of voice instruction is to reinforce the fundamentals of singing while continuing the process of artistic singing. Students at this level are expected to participate in the Marist College Singers twice per week. Offered every spring.

Prerequisite: MUS 212 or permission of the instructor

MUS 351

Independent Vocal Study

Three Credits LA

Independent Vocal Study is designed to deal more specifically with the natural gifts of the singer and methods of handling particular vocal strengths and weaknesses. Students must take extra initiative in learning and memorizing songs to be performed in recital at the semester's end. This course may be taken for more than one semester for credit. Literature and pedagogy become more advanced with each semester of study. Offered when there is sufficient student interest.

Prerequisite: MUS 213 or permission of the instructor

CHORAL COURSES

MUS 110

Choral Singing I

Three Credits

If you love to sing in a group, or if you have always wanted to try this medium, supported with teaching of basic skills, this course is for you. Offered when there is sufficient student interest.

No prerequisites

MUS 111

Choral Singing II

Three Credits

Using the skills of Choral Singing I, experience the joy of singing through performances of music ranging from Bach to Broadway. This course stresses singing in choral parts. Offered when there is sufficient student interest.

Prerequisite: MUS 110 or permission of the instructor

MUS 301

Choral Singing III

Three Credits

This course provides an opportunity for the student with some choral experience to listen, study, and perform the more advanced contrapuntal choral music from all periods and in several foreign languages. Offered when there is sufficient student interest.

Prerequisite: MUS 111 or permission of the instructor

MUS 302

Choral Singing IV

Three Credits

This level of instruction offers opportunities for performance with orchestral accompaniment, singing with other community choirs and, on occasion, performing in foreign countries. Offered when there is sufficient student interest.

Prerequisite: MUS 301 or permission of the instructor

CHORAL ENSEMBLES

Each of the Choral Ensembles may be taken for one credit per semester, although credit is optional. Any of the Choral Ensembles may also be repeated for credit, not to exceed eight credits in four years.

MARIST COLLEGE SINGERS is an organization to which every member brings special talent. The blending of these gifts with hard work results in individual growth along with group distinction in artistic expression. This group sings with other college choral groups away and at home, for campus events and community celebrations, and tours both nationally and internationally. Offered every semester. Repeatable for credit.

MUS 250

Marist College Singers Men

One Credit

This ensemble is a division of the Marist College Singers and is open to all male students with a desire to sing. Each semester the group will give performances of its own literature for male voices in addition to joining with the Marist College Singers Women to perform literature for mixed choir. Repeatable for credit.

MUS 251

Marist College Singers Women

One Credit

This ensemble is a division of the Marist College Singers and is open to all upper-class female students with a desire to sing. Each semester the group will give performances of its own literature for treble voices in addition to joining with the Marist College Singers Men to perform literature for mixed choir. Repeatable for credit.

Prerequisite: Sophomore standing

MUS 252

Marist College Freshmen Women's Choir

One Credit

This ensemble is open to all freshman female singers with a desire to sing. Each semester the group will perform its own literature designed for female choir.

Prerequisite: Freshmen only

MUS 253

Marist College Chapel Choir

One Credit

This ensemble prepares and performs the music for Sunday evening Mass in the campus chapel. The group is open to all, without audition. Offered every semester. Repeatable for credit.

MUS 254

Marist College Gospel Choir

One Credit

The Gospel Choir is open to everyone who loves Gospel music and its joyful, universal message. The group performs a variety of uplifting, energetic Gospel both on campus and in the surrounding community. This group often performs community service for those in need. Open to all students. Offered every semester. Repeatable for credit.

No prerequisites

MUS 255

Marist College Women's Select Choir

One Credit

Membership by audition only. Intended for singers seeking an intensive choral experience. This group rehearses twice weekly, studies challenging literature for treble choir, and gives numerous performances during the year. Repeatable for credit.

Corequisites: MUS 251, MUS 252 or permission of the instructor

MUS 256

Marist College Chamber Singers

One Credit

Chamber Singers is a select chamber group of 28 voices. The members of this choral group are admitted by audition only. The group practices two hours per week, studies challenging choral repertoire, and performs frequently during the year. Offered every semester. Repeatable for credit.

Prerequisite: Permission of the instructor

INSTRUMENTAL COURSES

MUS 140

Beginning Instrumental Skills I

Three Credits LA

The purpose of the Instrumental Skills course is to increase the student's technical skills and musicianship. Each student will learn how to improve practice techniques and will apply them in a disciplined fashion throughout the semester.

The class will also explore the instrumental repertoire at the student's skill level. Each semester's work will culminate in a performance. Offered every fall.

No prerequisites

MUS 141

Beginning Instrumental Skills II

Three Credits LA

In Instrumental Skills II, growth and development of the student's technical ability and musicianship are encouraged. More challenging repertoire will be presented, and techniques toward mastery of the material will be explored. Each semester's work will culminate in a performance. Offered every spring.

Prerequisite: MUS 140 or permission of the instructor

MUS 240

Intermediate Instrumental Skills I

Three Credits LA

The purpose of the Intermediate Instrumental Skills course is to provide an opportunity for more advanced students to pursue an in-depth study of their chosen musical instruments. The semester will be spent working on advanced technical studies and appropriate musical repertoire at the student's skill level. Each semester's work will culminate in a performance. Offered every fall.

Prerequisite: Permission of the instructor

MUS 241

Intermediate Instrumental Skills II

Three Credits LA

Increasingly challenging repertoire will be presented, and techniques toward mastery of the material will be explored. Each semester's work will culminate in a performance. Offered every spring.

Prerequisite: Permission of the instructor

MUS 320

Independent Instrumental Study

One Credit

The purpose of this course is to provide the serious music student with an opportunity to take private instrument or voice lessons for academic credit. This intensive private lesson experience will help improve the quality of all the performing ensembles. Repeatable for credit; not to exceed eight credits in four years.

Prerequisite: Permission of the instructor

INSTRUMENTAL ENSEMBLES

Each of the Instrumental Ensembles may be taken for one credit per semester, although credit is optional. Any of the Instrumental Ensembles may also be repeated for credit, not to exceed eight credits in four years.

MUS 230

Jazz Foxes

One Credit

The purpose of the Jazz Foxes is to provide a continuing musical performance experience for jazz players. The course will foster the growth of musicality through the rehearsal and performance of a wide range of music written or arranged for jazz ensembles from all musical periods. Offered every semester.

No prerequisites

MUS 231

Brass Ensemble

One Credit

The Brass Ensemble is a performance workshop where students gain familiarity with a broad range of literature for brass. Precision, intonation, and interpretation are studied. Open to all students with a school-level proficiency. Offered every semester.

No prerequisites

MUS 232

Flute Choir

One Credit

The purpose of the Flute Choir is to provide a continuing musical performance experience for flute players. The course will foster the growth of musicality

through the rehearsal and performance of a wide range of music written or arranged for flute ensemble. Offered every semester.

No prerequisites

MUS 233

Woodwind Ensemble

One Credit

The purpose of the Woodwind Ensemble is to provide a continuing musical performance experience for clarinet and saxophone players. The course will foster the growth of musicality through the rehearsal and performance of a wide range of music written or arranged for clarinet and saxophone choir. Offered every semester.

No prerequisites

MUS 234

Orchestra

One Credit

The purpose of the Orchestra is to provide a continuing musical performance experience for string players. Students with sufficient ability on winds and brass will also be encouraged to participate. The course will foster the growth of musicality through the rehearsal and performance of a wide range of music written or arranged for orchestra. Offered every semester.

No prerequisites

MUS 235

Handbell Choir

One Credit

The purpose of the Handbell Choir is to provide a continuing musical performance experience for handbell players. The course will foster the growth of musicality through the rehearsal and performance of a wide range of music written for Handbell Choir. Offered every semester.

No prerequisites

MUS 236

Symphonic Band and Wind Symphony

One Credit

The two organizations provide continuing musical performance experiences for woodwind, brass, and percussion players. The course will foster the growth of musicality through the rehearsal and performance of a wide range of music written or arranged for the modern wind band. Offered every semester.

No prerequisites

MUS 237

Wind Symphony

One Credit

The Marist College Wind Symphony is a select group of auditioned instrumentalists. The course will foster the growth of musicality through the rehearsal and performance of a wide range of challenging music written or arranged for the modern wind ensemble.

Prerequisite: Permission of the instructor

MUS 244

Guitar Ensemble

One Credit

The Guitar Ensemble provides a continuing musical performance experience for guitar players. The course will foster the growth of musicality through the rehearsal and performance of a wide range of music written or arranged for Guitar Ensemble. Offered every semester.

No prerequisites

MUS 245

Percussion Ensemble

One Credit

The Percussion Ensemble provides a continuing musical performance experience for percussion players. The course will foster the growth of musicality through the rehearsal and performance of a wide range of music written or arranged for Percussion Ensemble. Offered every semester.

No prerequisites

PIANO COURSES

MUS 107

Beginning Piano I

One Credit

The course focuses on the basics of piano techniques. Music notation, rhythms, as well as coordination of both right and left hand are stressed. Simple repertoire is learned and performed in a recital at the end of the semester. If you always wanted to learn to play the piano, this is the course for you. Offered every semester.

No prerequisites

MUS 108

Beginning Piano II

One Credit

Previous knowledge of piano is required. A more advanced technique is taught as well as somewhat more difficult repertoire. Offered every semester.

Prerequisite: MUS 107 or permission of instructor

MUS 410

Advanced Piano

One Credit

Individual and group piano lessons for students with previous experience. Performance and sight-reading of appropriately challenging music will be achieved through daily practice of assignments and regular performance. Printed music required. Offered when there is sufficient student interest. Repeatable for credit.

Prerequisite: MUS 108 or permission of the instructor

THEORY COURSES

MUS 103

Sight Reading

Three Credits LA

This course will develop the student's skills in reading, singing, and hearing musical intervals, chords, and rhythms by means of musical notation and keyboard. Offered in the spring.

No prerequisites

MUS 120

Theory of Music I

Three Credits LA

The course includes a study of the fundamentals of musical notation, basic chords and chord progressions, and simple forms. Attention is also given to ear training, sight singing, and creative work at the individual level. Offered in the fall.

Prerequisite: MUS 103 or permission of instructor

MUS 220

Theory of Music II

Three Credits LA

The course includes a study of chromatic harmony, larger musical forms, and analysis of compositions using these materials. Further development of skill in harmonizing melodies, composing at the individual level, ear training, and sight singing. Offered when there is sufficient student interest.

Prerequisite: MUS 120 or permission of instructor

APPLIED MUSIC AND HISTORY COURSES

MUS 105

Introduction to Music

Three Credits LA

Designed as an introduction to music form, genres, and performance. The class will concentrate on the vocabulary of music and performance within an historical perspective. Concert attendance and music critiques will be required.

No prerequisites

MUS 106

Jazz and Sound

Three Credits LA

The study of the roots of jazz from its early European and African heritage to the present will be achieved by examination of the diverse styles. Dixieland, Blues, Swing, Bebop, Cool, Fusion, spontaneous improvisation, and current avant-garde practices will be required. Student presentations and written critiques will be strongly encouraged. Offered when there is sufficient student interest.

No prerequisites

MUS 226

Music Cultures of the World

Three Credits LA

Studying folk or ethnic music is one way to learn about other cultures and at the same time discover common means of expression. Examination of Western and non-Western folk music will be accomplished through class lectures, student presentations, and listening to a wide variety of recordings. Student discussion is as essential as frequent critical writing. Offered when there is sufficient student interest.

No prerequisites

MUS 242

Popular Music in America

Three Credits LA

This course explores the broad range of popular music, discussing important elements of popular music including rhythm, melodic style, and instrumentation. Most of the course is devoted to a survey of American popular music from 1840 to the present, as well as related musical styles that influenced the development of popular music. No previous knowledge of music is required.

No prerequisites

MUS 247

History of the Music Industry

Three Credits LA

This course is designed to study the history and evolution of the music industry in America and worldwide. Students will establish a musical vocabulary by discussing the elements of Music Theory and Instrumentation. The course will discuss aspects of the music industry including structure, marketing, distribution, promotion, contracts, and technology. This course is geared for artists looking for guidance, business entrepreneurs, management, selling and marketing careers in the music industry.

No prerequisites

MUS 248

History of Motion Picture Music

Three Credits LA

This course will develop the student's knowledge and appreciation of the functions of film music scoring, operational aspects of the film music industry, and the historical periods of film music from 1895 to the present.

No prerequisites

MUS 330

Beethoven and Schubert

Three Credits LA

The lives, music, and society of these two composers shall be examined in the context of musical style transformation from Viennese Classicism to early Romanticism. In addition, the course shall include information about their contemporary composers and society. Students will acquire a listener's ear for a large quantity of music by these two composers. Previous musical study or experience is recommended but not required.

No prerequisites

MUS 335

Opera

Three Credits LA

The Opera is studied from an historical vantage point. Beginning with the Medieval and Renaissance roots of this art form, the course proceeds through the Baroque and Classical periods to the Romantic and post-Romantic styles of the 19th and early 20th centuries. The course will also touch on the role of opera as a social revolutionary and political force. Offered every other spring.

MUS 340

Baroque Masters

Three Credits LA

The music and society of this pivotal time span (1600–1750) shall be examined with special attention given to contributions of the greatest composers: Monteverdi, Vivaldi, Scarlatti, Bach, and Handel. Offered when there is sufficient student interest.

No prerequisites

MUS 341

Romantic Music of the 19th Century

Three Credits LA

Romanticism manifested in the music of the major composers of the period will be understood by consideration of their lives and philosophies. Mendelssohn, Berlioz, Chopin, Liszt, and Tchaikovsky are only some of the featured composers. Listening required. Previous musical study or experience recommended.

MUS 342

Music of the 20th Century

Three Credits LA

This course focuses on an examination of the diverse styles of music in the last century. It will include the music of Impressionism, Expressionism, Serialism, Neoclassicism, Stravinsky, Gershwin, Copland, and Ives. Supplemental study of avant-garde, jazz, rock, and contemporary issues will be augmented by student presentations and films. Listening required. Previous musical study or experience recommended. Offered when there is sufficient student interest.

MUS 343

Music in America

Three Credits LA

This course focuses on an historical view of the unique development of music in America from the 17th century to the present. Study will include music from the Revolutionary and Civil Wars, folk music, major American composers, minstrelsy, the origin of ragtime and musicals, as well as an examination of contemporary issues. Previous musical study or experience recommended. Offered when there is sufficient student interest.

MUS 344

Medieval and Renaissance Music

Three Credits LA

The extremely varied music and society of this long time span (1476–1600) shall be examined with special attention given to musical style evolution. Recognition and understanding shall be reinforced through listening to a large quantity of music. Previous music study recommended but not required. Offered when there is sufficient student interest.

No prerequisites

MUS 346

Amadeus Mozart and 18th Century Vienna

Three Credits LA

The historical background, biography, and compositions by Mozart and his contemporaries shall be examined in detail. The course will include criticism of relevant films and operas. Aural recognition of his music is emphasized. Previous musical study or experience is recommended but not required.

No prerequisites

MUS 391-392-393

Special Topics in Music I–II–III

One–Three Credits LA

“Special topics” courses serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered every year.

Prerequisite: Permission of Chair

PARALEGAL

PRLG 101

Introduction to Law

Three Credits LA

Dual Listed as POSC 102

Introduction to Law is an introduction to the study of the law and the legal system. The course introduces students to the methodology of legal studies, to an overview of major areas of law, and to the functions of the paralegal in each area, as well as to the ethical and professional responsibilities attendant to the field. Students are prepared to continue the subject-specific courses with sufficient background and foundation to make them meaningful. Offered annually.

PRLG 105

Origins of the American Legal System

Three Credits LA

Dual listed as POSC 105

This course introduces the student to the Anglo-Saxon origins of some of our legal institutions, e.g., the jury system, writs, habeas corpus, etc., and traces their development up to our own time. The student is shown why the Common Law developed as it did, what distinguishes Common Law from Roman civil law, and what influence the latter had on the former. The purpose of the course is to assist the student in achieving a better understanding of our legal traditions through an historical overview. Offered biennially.

PRLG 106

Juvenile Law and Procedures

Three Credits LA

Dual listed as CRJU 305

See CRJU 305 for course description.

PRLG 201

The Constitution and the Bill of Rights

Three Credits LA

Dual listed as POSC 300

This course examines current constitutional issues as they relate to the Bill of Rights, including privacy, censorship, freedom of religion, fairness in the criminal-justice system, and affirmative action. Offered biennially.

PRLG 206

Issues in American Constitutional Law

Three Credits LA

Triple listed as POSC 210 and HIST 210

See POSC 210 for course description.

PRLG 210

Introduction to Legal Research And Writing

Three Credits

Introduction to Legal Research and Writing teaches students how to use the tools found in a law library to solve legal problems and how to write a memorandum of law based on these tools. All primary sources of law and all significant secondary sources of law are studied, and the students are trained in the use of WESTLAW computerized legal research. Both federal and state materials are used extensively in this course. Offered annually.

Corequisite: PRLG 101

PRLG 221

Law and Society

Three Credits LA

Triple listed as CRJU 221 and POSC 221

See CRJU 221 for course description.

PRLG 311

Family Law

Three Credits LA

Family Law trains students in the law relating to marriage, dissolution of marriage, property distribution, and children. The theory and practice of family law, including the drafting, modification, and enforcement of divorce decrees, separation agreements, and prenuptial agreements are fully covered. The financial

consequences, including the tax consequences, of marriage and the dissolution of marriage are evaluated. Offered annually.

Corequisite: PRLG 101

PRLG 312

Criminal Law

Three Credits LA

Criminal Law analyzes the substantive and procedural aspects of criminal law. Students study the preparation of criminal cases for trial, the prosecutorial function, probation, bail, sentencing, investigation, interviewing in criminal cases, and the Constitutional limitations on criminal law. Offered annually.

Corequisite: PRLG 101

PRLG 313

Real Property and Title Search

Three Credits

Real Property and Title Search is a comprehensive analysis of real property ownership, title searching, and conveyance. The course includes a substantive and theoretical analysis of all documents associated with real property transactions, as well as a detailed study of the processes required to transfer real property. Offered annually.

Corequisite: PRLG 101

PRLG 315

Administrative Law

Three Credits

This course is designed to acquaint the student with procedures and practices of administrative judicial process, including all aspects of mediation and adjudication before federal and state agencies, review boards, and other governmental administrative, rather than judicial, hearings. Offered at least biennially.

Corequisite: PRLG 101

PRLG 380

Business Law I

Three Credits

Dual listed as BUS 380

See BUS 380 for course description.

PRLG 381

Business Law II

Three Credits

Dual listed as BUS 381

See BUS 381 for course description.

PRLG 410

Advanced Legal Research and Writing

Three Credits

This course emphasizes drafting of legal documents and memoranda and researching of specific legal problems. A thorough knowledge of basic principles of legal research is assumed. Offered at least biennially.

Prerequisites: PRLG 101, PRLG 210

PRLG 420

Wills, Trusts, Estates

Three Credits

Wills, Trusts, Estates introduces the student to the law applicable to property and its conveyance under descent by will, and by trust. The drafting of a will, the administration of an estate, the establishment and maintenance of trusts, and the tax principles of estate planning and administration are studied. Offered annually.

Corequisite: PRLG 101

PRLG 421

Corporate Law

Three Credits

Legal format and available forms for conduct of business of corporations. Emphasis on structure of corporations, manner in which corporations operate as fictitious persons, incorporation procedures, dissolution, and merger. Offered upon sufficient enrollment.

Corequisite: PRLG 101

PRLG 422

Civil Litigation and Practice

Three Credits

Civil Litigation and Practice reviews the theory and application of procedures in civil litigation in both state and federal courts. Trial strategies, rules of evidence pleadings, trial preparation, jury selection, settlements, and investigation are reviewed. Offered annually.

Corequisite: PRLG 101

PRLG 430

Law Office Management

Three Credits

Procedures, tools, and techniques for recordkeeping, diarying, work allocation, billing, and structuring of legal-service delivery in modern legal practice. Offered upon sufficient enrollment.

Corequisite: PRLG 101

PRLG 440

Labor Relations Law

Three Credits

A survey of the substantive and procedural aspects of the laws governing employer-employee relations. Emphasis is placed on the federal laws regulating union organizing, collective bargaining, and arbitral processes. Topics covered include the new pension law (ERISA), Occupational Health and Safety Act, Equal Employment Opportunity Act, and New York State Public Sector Labor Relations. Students role-play in mock collective-bargaining and arbitration exercises. Offered upon sufficient enrollment.

Corequisite: PRLG 101

PRLG 496-498

Work Experience or Legal Internship

Three Credits each

Paralegal students engage in work experience in law offices and government agencies. Work in the agency, readings, and a seminar project constitute the basis of the experience. Permission of the faculty supervisor is required for entrance to the course. Offered every semester.

Corequisite: PRLG 101

PHILOSOPHY

PHIL 101

Philosophical Perspectives

Three Credits LA

This course will introduce students to the nature and scope of philosophical inquiry. Students will examine some of the basic philosophical questions concerning knowledge (epistemology), reality (metaphysics), and human values (ethics, political philosophy, aesthetics) that underlie all other disciplines in the college curriculum. During their examination of these questions, students will gain an appreciation of some of the broad theoretical perspectives from which they can view other disciplines. They will also develop skills that are common to all disciplines: critical thinking and logical reasoning skills, as well as skills in clear speaking and writing. This course is taken by all Marist students and constitutes part of the first-year common academic experience.

PHIL 103

World Views and Values

Three Credits LA

This course will help students to ask basic questions about the ultimate meaning of life, to take a comprehensive and holistic world view, and to articulate a coherent values system. The basic methodology for teaching the course is comparative and socio-analytic. Offered every semester.

PHIL 200

Ethics

Three Credits LA

The question of ethics or moral philosophy is: What is the good? The field deals with such important sub-questions as: What is the source of moral law – that is, of right and wrong? Who should be the primary beneficiary of the fruits gained through the pursuit of moral values: oneself or others? What are the character

traits – the virtues – by means of which human beings achieve values? This course will study answers to these questions provided by great moral philosophers of history such as Plato, Aristotle, and Kant, and it will examine how these answers can be applied to moral issues relevant today – such as stem cell research, gay marriage and adoption, capital punishment, and torture of terrorists. Offered every semester.

Prerequisite: PHIL 101

PHIL 203

Introduction to Logic

Three Credits LA

This course will introduce the student to “applied” logic. It will deal with formal structures of thought only insofar as these can be readily applied to the organization of thought in written and spoken language. It will also identify the logical errors or fallacies that are most frequently made in written and oral discourse. Offered annually.

PHIL 210

Ancient Philosophy

Three Credits LA

This course will study the movement of philosophic thought from its rise with Thales on the coast of Asia Minor about six hundred years before the birth of Christ, through Socrates and the great systems of Plato and Aristotle, to its decline during the later Roman Empire. Offered annually.

Prerequisite: PHIL 101

PHIL 211

Modern Philosophy

Three Credits LA

Modern Philosophy begins in the 17th century as a revolt against the centuries-long orthodoxy of Scholasticism, Thomas Aquinas’s synthesis of Christianity and Aristotle. This course will study the new beginning that philosophers wanted to make. These philosophers fall into two groups. One is the Rationalists, whose main figures are Descartes, Spinoza, and Leibniz; the other is the Empiricists, whose main figures are Locke, Berkeley, and Hume. Both groups are mainly concerned with the same problems: [1] The nature and source of knowledge and [2] the nature of reality. The answers they give, however, are very different. With regard to knowledge, the Rationalists argue that some ideas are innate and that certainty can be acquired only by means of reasoning on the basis of those ideas; information acquired through the senses is unreliable. As for reality, it is not the familiar world we perceive by means of our senses but a world known through reason. The Empiricists, by contrast, argue that the foundation of all knowledge is the information we acquire through the use of our senses; while they do not reject the validity of reason outright, they remain skeptical about its results. Although they believe in a reality independent of the human mind when they start out, near the end they reject that any such reality exists. The course concludes by giving a brief account of how Kant attempted to solve the legacy of problems bequeathed to him by these thinkers. Offered every three years.

Prerequisite: PHIL 101

PHIL 213

Foundations of American Social Thought

Three Credits LA

This course will examine the major currents in American social thought. Although the course will consider the entire spectrum of the American timeline, it will place its emphasis on the European philosophical heritage of the American “experiment,” on the notion that America’s founding documents form a workable basis for putting its ideas – such as the rights of man and the separation of church and state – into practice, and on 20th-century developments. It will consider the uniquely American interaction between the ideas of individual self-responsibility and communal endeavor. Depending upon student and instructor interest and the state of current affairs, topics selected for special analysis may include religion and morality, civil rights, feminist ethics and gender issues, economic justice, and America’s role in the world. Offered every two years.

Prerequisite: PHIL 101

PHIL 233

Philosophy of Education

Three Credits LA

This course will analyze philosophical issues underlying the realm of education. What is the purpose of education? What are schools for? What is the proper content or subject matter of education? What is the most effective means of communicating knowledge? What happens in the teaching-learning process? What is the responsibility of the teacher? What is the responsibility of the student? What counts as successful teaching and learning? In addition to theoretical questions such as these, the course will examine issues such as religious education in public schools, moral education, multicultural and bilingual education, home schooling, distance learning, and standardized testing. Priority to Teacher Education students. Offered according to student and faculty interest.

Prerequisite: PHIL 101

PHIL 234

Social and Political Philosophy

Three Credits LA

Given that we human beings do and must live together, what form of government should we have, if any? Assuming that we do need a government, what purpose is it supposed to serve? Should the individual serve the state or should the state serve the individual? Do groups have rights or only individuals? What are rights? What is the proper relationship between the government and religion? Should they indeed be separate? This course will address questions such as these. In the course of doing so, it will examine some of the forms of government held up as ideally serving the purpose a government is supposed to serve: absolute monarchy, theocracy, a constitutional republic limited to protecting individual rights, communism, fascism, and the welfare state. The course will examine the views of thinkers such as Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, Marx, and Rawls, among others. Offered every three years.

Prerequisite: PHIL 101

PHIL 235

Philosophy and Technology

Three Credits LA

The connection between philosophy and technology is intimate. Technology is the application of scientific knowledge to create products or services that serve human needs or values (such as a wagon and a bow and arrow), but the values it can serve may be good or evil (a wagon may serve to transport goods more quickly and a bow and arrow to kill innocent people more efficiently). This course will study these two connections between technology and philosophy. On what does scientific knowledge depend? Why does scientific knowledge—and with it technology – advance in certain cultures and decline in others? Should knowledge and technology be allowed to advance unrestrained because of the good they can do (people being the ultimate cause of the evils they can cause) or should they be restricted because of the evils they can inflict upon us? Do advances in technologies – their workings not understood by most of us – sever and alienate us from the world and others? The course will focus on some of the more troublesome contemporary technologies, such as stem cell research, atomic energy, genetically engineered foods, psychotropic drug therapies, and prenatal testing and selection. Offered according to student and faculty interest.

Prerequisite: PHIL 101

PHIL 237

Aesthetics

Three Credits LA

This course serves as an introduction to the fundamental problems of aesthetics and the philosophy of art. Among these are issues of beauty and taste; the nature of art and the aesthetic; and questions about classifying, interpreting, and evaluating artworks. Students will consider prominent historical and contemporary texts, enriched by examples drawn from a wide range of high and popular arts. Through rigorous argumentation and discussion, students will achieve an enhanced awareness of how philosophy can help us understand the arts and the environment that surrounds us. This course can be used to satisfy the Core Fine Arts requirement. Offered every two years or according to student and faculty interest.

Prerequisite: PHIL 101

PHIL 240

Pragmatism

Three Credits LA

This course will focus on the philosophy of pragmatism. Pragmatists reject the notion that theory can be separated from practice: a belief is true, the pragmatists argue, if it “works.” While not all thinkers who espouse pragmatism are American, the theory was primarily developed by a number of American philosophers in the late 19th and early 20th centuries and has been described by some as a quintessentially “American” way of thinking. This course will examine the works of the “classical” American pragmatists, C. S. Peirce, William James and John Dewey, and it will also explore how the theory has been subsequently developed by contemporary thinkers such as Hilary Putnam, Richard Rorty, and Cornel West. Emphasis will be placed on the pragmatic conception of truth, the pragmatic understanding of scientific and religious belief, and pragmatic approaches to art, education, and moral and political life. Offered every three years.

Prerequisite: PHIL 101

PHIL 242

Existentialism

Three Credits LA

This course will investigate certain philosophical explanations of the meaning and value of human existence. The types of theories that it will explore argue that action, freedom, and choice are fundamental aspects of human existence. Unlike philosophical systems that define human beings as primarily rational, these philosophies of human existence do not. While they adhere to the primacy of the human being as the basis of philosophy, these philosophies question the primacy of reason and attempt to broaden the meaning of existence. Some of the thinkers that the course may examine include Kierkegaard, Nietzsche, Sartre, Camus, de Beauvoir, Jaspers, and Marcel. Offered every two years.

Prerequisite: PHIL 101

PHIL 301

Environmental Ethics

Three Credits LA

This course will provide a comprehensive and systematic overview of the key philosophical issues and arguments within the field of environmental ethics. The questions that will guide our inquiry and analysis include: Do non-living beings and living beings other than humans have a value of their own, not reducible to their instrumental value to human beings? If so, what value do such beings have and why? If not, why not? Do nonhuman beings in our environment have moral standing or is the humanistic understanding that human life is the only value essentially correct? Can we determine the “right thing to do” to nature and nonhuman entities solely on the basis of considering the short- or long-term interests of humans of this and/or future generations? These questions and the diverse answers to them underlie competing views concerning a host of important issues. The development of a comprehensive worldview may be labeled an “environmental ethic.” Offered according to faculty and student interest.

Prerequisite: PHIL 101

PHIL 310

Symbolic Logic

Three Credits LA

This course will provide an in-depth introduction to propositional and predicate logic, with emphasis placed on problem-solving applications. Valuable for all those interested in sharpening their critical thinking skills. Students who have taken Introduction to Logic are encouraged to enroll. Offered according to student and faculty interest.

PHIL 321

Medieval Philosophy

Three Credits LA

This course will study the leading thinkers of the medieval period, the time from the collapse of the Greek and Roman civilizations to the Renaissance, and analyze in depth some of the central philosophical questions of the period. Can God's existence be proven? What is the proper relationship between reason and faith? What is the nature of universals—that is, the “objects” that general terms

are supposed to stand for? The course will pay special attention to the two leading thinkers of the age, Augustine and Thomas Aquinas. Offered every three years.

Prerequisite: PHIL 101

PHIL 323

19th Century Philosophy

Three Credits LA

This course will focus on the history of modern philosophy from the late 18th through the end of the 19th century. It will begin by examining how Immanuel Kant attempts to save philosophy from the excesses of Rationalism and the skepticism implied in Hume's radical Empiricism. It will then examine the series of critical responses that Kant's philosophy itself engendered. Specifically, it will examine how philosophers such as Hegel, Marx, Kierkegaard, and Nietzsche responded to Kant's philosophy or its revised or developed versions. PHIL 211 is recommended but not required for this course. Offered every two years.

Prerequisite: PHIL 101

PHIL 324

Contemporary Analytic Philosophy

Three Credits LA

This course will explore the origins and development of analytic philosophy, the dominant approach to doing philosophy in the Anglophone world today. It will trace its development from its early origins in Germany, Austria, and the U.K., which led to the formation of the Vienna Circle and the rise and fall of logical empiricism, and conclude with ordinary language philosophy and the advent of eclecticism in the 1960s. As we proceed, we will consider how analytic philosophy emerged in the late 19th century as a movement in philosophy associated with developments in logic and the philosophy of language, how it became conceived as a research project, and finally how it came to be conceived as a way of doing philosophy. While we will explore the history of analytic philosophy chronologically, we will do so by focusing on a handful of topics. Specifically, we will focus primarily on developments in philosophical method, considering its implications for debates in epistemology, philosophy of language, philosophy of logic, and philosophy of mind. Some of the philosophers whose works we might study include J.L. Austin, Rudolf Carnap, Donald Davidson, Gottlob Frege, H.P. Grice, G.E. Moore, Hilary Putnam, W.v.O. Quine, Gilbert Ryle, Moritz Schlick, Peter Strawson, Alfred Tarski, Ludwig Wittgenstein, and others. Offered according to faculty and student interest.

Prerequisite: PHIL 101

PHIL 325

Contemporary Continental Philosophy

Three Credits LA

This course will focus on developments in Continental Philosophy from the beginning of the 20th century to the present day. "Continental Philosophy" is the general term used to describe the many strands of philosophical thought that originate from the continent of Europe, as opposed to those that are dominant in Britain and the United States. The purpose of this course is to introduce students to some of the most important theories and philosophers in this tradition. We will explore theories such as phenomenology, existentialism, the critical theory of the Frankfurt School, deconstruction, hermeneutics, French feminism, and postmodernism. We will examine the works of thinkers such as E. Husserl, M. Heidegger, J.-P. Sartre, M. Horkheimer, T. Adorno, J. Derrida, H.-G. Gadamer, L. Irigaray, J. Kristeva, M. Foucault, and J.-F. Lyotard. Offered according to faculty and student interest.

Prerequisite: PHIL 101

PHIL 331

Philosophy of Religion

Three Credits LA

Dual listed as REST 331

This course will investigate the philosophical issues inherent in the phenomena of religion and religious experience. It will critically analyze such issues as the existence and nature of God; faith and revelation as sources of knowledge; the creation of the universe; the meaning of existence—for both the individual and humanity as a whole; the nature and source of morality; and the analytic and poetic nature of religious language. The course will examine religious thinkers such as Augustine, Hegel, Kierkegaard, Maimonides, Pascal, Russell, and Aquinas. All students must write an analytic research paper or present to the

class an oral report based on their research. Offered according to student and faculty interest.

Prerequisite: PHIL 101

PHIL 332

Philosophy of History

Three Credits LA

This course will examine philosophical problems of history, including the nature of historical explanation and knowledge, causality in history, and historical necessity. The philosophy of history raises questions such as: What is the proper subject matter for the study of the human past? The individual subject? The polis or state? The culture? The species? Are there any definable patterns in human history, any signs of ultimate ends toward which events as a whole are moving? Are there any cycles of progress? If so, what are they and what is the driving force of that progress? If history can be said to progress, what is its ultimate direction? If it does not progress, is human history therefore random and devoid of meaning? The course may analyze the thought of figures such as Cicero, Augustine, Vico, Herder, Kant, Hegel, Marx, Nietzsche, Dilthey, Danto, and Foucault. Offered according to student and faculty interest.

Prerequisite: PHIL 101

PHIL 333

Philosophy and Film

Three Credits LA

Film is the dominant art form of our time and has become a fertile area for philosophical study. In this course, students will encounter some of the major problems in the philosophy of film, such as the nature of film and motion pictures, emotional and ethical involvement with film, and issues pertaining to various sub-genres of film like documentary, horror, and suspense. Readings, discussion, and a number of films screened in class will help students develop an enriched knowledge of metaphysics, epistemology, and value theory and serve as an effective way to sharpen critical vocabulary used in film theory and criticism. This course can be used to satisfy the Core Fine Arts requirement as well as requirements in the Cinema Studies Minor. Offered every two years or according to student and faculty interest.

Prerequisite: PHIL101

PHIL 335

Metaphysics: The Nature of Reality

Three Credits LA

This course will examine some of the deepest questions that human beings can possibly ask. What is the nature of reality or existence? Is it entirely material or does the immaterial also exist? Do abstract entities exist apart from the mind? Does anything exist apart from the mind or is the world a mental construct? Does everything happen according to fixed laws of nature or do some things happen simply by chance? What is our self? Is it our body, our soul, or both? If it is both our body and our soul, how are two such radically different things connected? Are we free to choose our actions from a set of alternatives or is everything we do determined by our genes, our upbringing, our environment, or by some combination of these? Students will critically examine possible answers to questions such as these in the history of philosophy, as well as attempt to answer them for themselves. Offered every three years.

Prerequisite: PHIL 101

PHIL 336

Epistemology: The Theory of Knowledge

Three Credits LA

What is knowledge and how is it acquired? Those are the two basic questions that this course will examine. Is all knowledge ultimately based on the information provided by our senses, or is some knowledge in us at birth? If knowledge is based on the information provided by our senses, how can we ever go beyond this to know about things not available to our senses—like atoms, the shape of the universe, or the nature of our souls? Do we know the world as it really is or only as it appears to us? Or is that a false alternative? What is truth? Is a claim true if it corresponds to the facts or because it coheres with our other claims or because it works to achieve our ends? How do we justify our beliefs? Is certainty ever possible? Students will critically examine answers to questions such as

these given by some of the great thinkers in the history of philosophy, as well as attempt to answer them for themselves. Offered every three years.

Prerequisite: PHIL 101

PHIL 340

Marx and Marxism

Three Credits LA

Dual listed as POSC 340

This course will critically examine the thought of Karl Marx and investigate Marxism as a philosophical system and conceptual framework for understanding history and society. Topics to be discussed include: historical materialism; social change; the theory of class struggle; the economic critique of capitalism; alienation, exploitation, and reification; commodity fetishism; the role and purpose of philosophy; and revolution. Offered according to student and faculty interest.

Prerequisite: PHIL 101

PHIL345

Philosophy of Mind

Three Credits LA

The content of this course is devoted to considering some core enduring problems in the philosophy of mind, as well as examining some problems that have been the focus of recent debates. The most prominent theories of the nature of the mind and its relationship to the brain will be examined. Further topics that may be covered in this course include recent metaphysical debates over the nature of mental causation, the problem of consciousness, and the nature of intentionality. Other topics that may be covered include problems that lie at the intersection between the philosophy of mind and other philosophical sub-disciplines such as epistemology and philosophy of language, as well as foundational issues in cognitive science. For instance, debates over the possibility of artificial intelligence, the extent and nature of animal cognition, the nature of mental content, the nature of concepts, and problems of self-knowledge may be examined. Offered every three years.

Prerequisite: PHIL101

PHIL 392-393-394

Special Topics in Philosophy I–II–III

Three Credits each LA

“Special topics” courses serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: PHIL 101

PHIL 477

Capping Course

Three Credits LA

In this course the student will investigate a significant philosophical topic in depth, demonstrate how it is integrally related to one or more other disciplines, and show what its implications for moral values are or what the implications of moral values are for it. A research paper and an oral presentation are required. Only for Philosophy Majors. Must be taken during their senior year.

PHYSICAL EDUCATION

PHED 101

Physiology of Health

Three Credits LA

A study of the areas closely affecting the human organism in terms of his or her responsibility for self-direction of health. Areas covered include: introductory physiology in health, the effects of disease, physiology of reproduction, financial aspects, and future trends in health and related areas. Does not satisfy Core/LS Natural Science requirement.

PHED 105

Beginning Classical Ballet

One Credit

A beginning classical ballet class including basic ballet technique and vocabulary, proper body alignment, basic stage and performing skills, barre work, center

barre, traveling, and turning and jumping combinations moved to classical music. The most-difficult and most-disciplined dance course.

PHED 120

Golf

One Credit

Instruction and practice in golf skills, evaluation of golf courses, rules, etiquette, and strategy. Participation in actual play is a requirement of the course and a “greens fee” is the responsibility of the student. Emphasis on carryover values stressed.

PHED 121

Volleyball

One Credit

An activity course designed to develop an understanding of the rules, individual skills, and team play in volleyball. Emphasis will be placed on correct methods and skills in playing the game.

PHED 123

Archery

One Credit

An activity course stressing beginning techniques of archery. Selection and care of equipment and safety will also be stressed. Emphasis will be on standard shooting techniques with some exploration of hunting and field-archery techniques.

PHED 124

Conditioning

One Credit

An activity course designed to promote physical fitness and an understanding of the body. Emphasis will be placed on exercise, weight control, developing physical potential, and the mechanics of conditioning in daily living.

PHED 127

Tennis

One Credit

Students will learn the fundamentals of tennis including the serve, volley, forehand, and backhand. There will be on-court participation in singles play and doubles play. Also, students will learn the rules and etiquette of playing singles and doubles in tennis. Some strategy in playing tennis will also be discussed. Racquets and balls will be provided.

PHED 128

Modern Dance I

One Credit

Study and practice of dance techniques, movement components, composition, and basic elements of choreography. Consideration of dance as a creative art experience.

PHED 129

Modern Dance II

One Credit

Further study of dance techniques offered in Modern Dance I.

PHED 132

Boxing

One Credit

An activity course designed to teach the fundamentals of boxing as used in self-defense. Technique and strategies will be discussed. Development of styles and conditioning will also be discussed.

PHED 133

Racquetball

One Credit

An activity course designed to teach the student the skills, rules, and strategy of racquetball, with emphasis on the carryover value of the activity.

PHED 134

Fencing

One Credit

An introductory course designed to teach fundamentals of the foil. Basic skills of positioning and movement along with the appropriate terminology will be covered. Some competition will be included.

PHED 137

Sailing

One Credit

Designed to develop basic seamanship and sailing techniques in the use of sailboats. Students are expected to develop skills in sailing which they can use for participation during and after their college years.

Prerequisite: Ability to swim at least 100 yards

PHED 139

Beginning Swimming (Non-Swimmers)

One Credit

An activity course designed to give students the opportunity to develop necessary survival techniques. Brief introduction to understanding of basic mechanical and kinesiological principles and their application to swimming. Skills in swimming and lifesaving techniques will be developed. Coed.

PHED 146

Karate I

One Credit

Self-defense course in the art of Okinawan Karate. Student will learn blocks and attacks to major target areas.

PHED 147

Yoga

One Credit

A survey of principles and practices of Hatha Yoga for beginners. The class will consist of warm-up and stretching exercises designed to relax and lengthen muscles. Each lesson will include postures and asanas in conjunction with natural breathing. The group will start with basic postures and progress to the advanced and more-complex activities.

PHED 148

Springboard Diving

One Credit

This course will teach the fundamentals of springboard diving. The student will receive instruction covering the five required dives and will also learn how to judge and calculate diving competitions.

PHED 160

Fly Fishing

One Credit

An introductory-level course for those interested in getting started in this enjoyable pastime. In lecture and workshop formats, the course will cover topics such as basic equipment needs and selection criteria, casting techniques, knots, fly selection, aquatic entomology, and reading the water. The course will also discuss the habits and habitats of trout and smallmouth bass, wading skills, stream etiquette, and the importance of the catch-and-release philosophy. The course will culminate in an optional day-long excursion to a NYS trout stream. All equipment will be provided.

PHED 238

Skin and Scuba Diving

One Credit

Subject areas that will be covered in the lectures are: applied science, diving equipment, diving environment, medical problems, and diving activities. Water skills that will be covered in the pool and on the open-water dive will be swimming skills, skin-, and scuba-diving skills. An additional fee of up to \$350.00 will be charged for this course.

Prerequisites: Pass swimming and physical examination

PHED 240

Advanced Swimming and Lifeguard Training

Two Credits

An activity course designed to give students the opportunity to achieve proficiency in competitive strokes and lifesaving techniques. The student will receive A.R.C. certification in advanced lifesaving. Basic swimming techniques will be taught during the first six weeks. Lifesaving and water-safety techniques will be presented during the remaining four weeks.

PHED 301

Sports in Society

Three Credits

A reading-seminar course based on current literature in the field. The impact of professional and collegiate athletics on our society is emphasized. Topics discussed include: women in sports, violence, commercial aspects, recruiting and abuses, educational values.

PHED 310

Soccer Coaching

Two Credits

The course will include material on preseason training and conditioning, in-season practices, offensive-defensive tactics and strategy, rules, team selection, and position play. Consideration will be given to various styles of play prevalent at different levels of competition as well as in school and club organizations.

PHED 311

Basketball Coaching

Two Credits

The goal of the basketball coaching course is to expose the student to the various activities and responsibilities associated with coaching a high school basketball team. The topics covered include the following: rules; practice planning and tryouts; offensive systems and defensive systems; game preparation; motivation and discipline; special situations; public relations; and proactive coaching. Requirements include written assignments dealing with each topic and a summary term paper. A willingness to participate in discussions is essential for those serious students who expect to excel in this course.

PHED 313

Baseball Coaching

Two Credits

This course is devoted to every phase of baseball coaching from youth to professional levels. Some topics that will be covered include game-managing strategy, building a pitching staff, conditioning players, recruiting, and professional baseball. There will also be guest speakers from the college and professional levels.

PHED 314

Football Coaching

Two Credits

The class will provide the student with an understanding of football coaching principles. There will be an analysis of offensive, defensive, and special-teams systems. The student will also be responsible for research and presentations on football-related topics.

PHED 390-391-392

Special Topics I–II–III

One-Two-Three Credits

“Special topics” courses serve as a vehicle by which a school may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission of Dean of Science

PHED 401

Movement in Sports

Two Credits LA

This course is designed to develop the ability of the coach to analyze and improve athletic performance. Includes a review of musculoskeletal anatomy, mechanical principles involved in movement, forces initiating movement, and the synthesis

of skilled performance. Includes the use of films and videotape as well as observation and mechanical guidance in improving movement.

PHED 410

Principles and Problems of Coaching

Three Credits

An introduction to the role of the coach in high school coaching. Emphasis will be placed on his or her functions as a teacher and administrator in the area of coaching. Specific sports will not be dealt with. Focus will be put on general guidelines and relationships, administrative problems, and personal values. Emphasis will be placed on New York State Public High School Rules.

PHYSICS

PHYS 108

Introduction to Cosmology

Three Credits LA

This course provides an introduction to our modern understanding of a dynamic, expanding universe. Topics to be covered include stars, galaxies, pulsars, black holes, the expansion of the universe, the Big Bang, and the future of the universe. *Three-hour lecture per week.*

PHYS 193

Physics of Modern Technology

Three Credits LA

This course is a tour of Physics. Its purpose is to expose the student to the history of physics starting with the Greeks up to today. This is done by selecting the major contributions of scientists through the years and describing these in layman's terms and showing how they contributed to the evolution of physics. The second part of the semester is used to study the physics of nuclear radiation and power. This is followed by an in-depth presentation on the physics of modern hi-tech medical technology including MRI, X-rays, CAT Scans, Positron Emission Tomography, Laser Surgery, and others. No previous education in physics or math is required. *Three-hour lecture per week.*

PHYS 201

College Physics I

Three Credits LA

This is the first course in the sequence of algebra-based Physics. It covers dynamics, rotational motion, energy, momentum, simple harmonic motion, fluid dynamics and thermodynamics. The course will focus on applications relevant to the biological and health sciences. It is strongly suggested that the Physics I laboratory course be taken simultaneously.

Recommended: 3 years of High School Math or MATH 108 or higher (excluding MATH 110 & 111)

PHYS 202

College Physics II

Three Credits LA

This is the second course in the sequence of algebra-based Physics. It covers sound, electricity and magnetism, optics and modern physics. The course will focus on applications relevant to the biological and health sciences. It is strongly suggested that the Physics II laboratory course be taken simultaneously. *Recommended:* 3 years of High School Math or MATH 108 or higher (excluding MATH 110 & 111)

Prerequisite: College Physics I, or PHYS 211 General Physics I

PHYS 211

General Physics I

Three Credits LA

A study based on calculus and vector algebra of classical mechanics and sound. *Two lectures and one problem session per week.* Offered every fall.

Pre- or Corequisite: MATH 241

PHYS 212

General Physics II

Three Credits LA

This course continues the first-level survey of physics with a thorough study of electricity and magnetism, optics, and some aspects of modern physics. An

attempt is made to focus on the nature of scientific inquiry and thought. *Two lectures and one problem session per week.* Offered every spring.

Pre- or Corequisite: MATH 241

PHYS 221

Modern Physics

Three Credits LA

The course begins with the Kinetic Theory of Gases and moves forward through Quantum Mechanics and Relativity. This course provides an introduction to physics in the 20th century.

Prerequisite: MATH 241

PHYS 213-214-222

Physics Lab I–II–Modern Physics Lab

One Credit each LA

Taken simultaneously with the corresponding lecture course in physics. The lab may or may not be required, depending on the student's major or program of study (e.g., pre-med, etc.). One credit is assigned to each semester of the laboratory. *Three-hour laboratory per week.*

Corequisites: PHYS 211-212-221

POLITICAL SCIENCE

POSC 102

Introduction to Law

Three Credits LA

Dual listed as PRLG 101

See PRLG 101 for course description.

POSC 103

Introduction to Global Issues

Three Credits LA

Triple listed as CSCU 103 & GBST 103

See GBST 103 for course description.

POSC 105

Origins of the American Legal System

Three Credits LA

Dual listed as PRLG 105

See PRLG 105 for course description.

POSC 110

American National Government

Three Credits LA

A study of the American political system, and analysis of the institutions of the national government and of the American political process. Political behavior and selected issue areas will also be studied. Offered every semester.

POSC 111

Introduction to Comparative Politics

Three Credits LA

Comparative politics is the study of countries' domestic politics. Specific topics covered include states and nations, political ideologies, economic systems and their relationship to politics, regime types and regime change, kinds of democratic institutions and their effects, the evolution and challenges of richer economies, and the challenges of economic development. This course will also introduce students to some ongoing debates within the discipline and some tools of social science. Offered annually.

POSC 112

Introduction to Political Theory

Three Credits LA

This course seeks to introduce students to the political ideas that have shaped western political systems. More specifically, the course is organized around the centrality of civil society to democracy. The classic thinkers presented are explored with the goal of understanding not only key concepts about the individual, community and the state, but also about the significant relationship between civil society and a flourishing polity. The course is divided into four parts: Civil Society in the Classical and Religious Traditions; Early Modern

Approaches to Civil Society; Late and Contemporary Approaches to Civil Society; and Critiques of Civil Society. Offered annually.

POSC 113

International Relations

Three Credits LA

This course provides a general introduction to the study of international relations. The goals of the course are to provide students with the intellectual tools necessary to analyze developments in international relations critically and creatively, and generally to expand students' factual knowledge of major world events past and present. The first part of this course will focus on the history and nature of the international system, international relations theories, conceptual frameworks and major events of the Cold War and the post-Cold War era. The second part will explore some of the major issues in international relations including: nationalism, arms control, nuclear nonproliferation, transnational crime, terrorism, ethnic conflict, international political economy, development (political, social and economic), population and migration, resource issues, international law and organization, human rights and global ethics—a true survey. Although the focus of this course is on concepts and frameworks of analysis, an important component of each lecture will be application of these concepts to current world events. Offered annually.

POSC 120

The Role of the Interviewer in Survey Research

One Credit LA

Provides students with an understanding of the interview process as a key aspect of survey research. The course focuses on the survey-research methodology, the role of the interviewer, interviewer techniques, and values issues associated with the interview process. In addition, students participate in a survey conducted by the Marist Institute for Public Opinion and analyze their experiences.

POSC 121

Polling and the Survey Instrument

One Credit LA

Provides students with an understanding of the instrument used in carrying out survey research. The course focuses on the design of questionnaires and the theoretical and practical issues involved in their development, implementation, and interpretation. Students learn about various measurement techniques involved in studying attitudes and the concerns associated with collecting accurate information. In addition, students participate in a survey conducted by the Marist Institute for Public Opinion and analyze the particular survey instrument being used.

POSC 122

Survey Design and Data Collection

One Credit LA

Provides students with an understanding of the methods of conducting survey research and the advantages and disadvantages of each approach. The course focuses on the use of computer technology in survey research and how survey results are analyzed. In addition, students collect data for a survey conducted by the Marist Institute for Public Opinion using computer-assisted telephone interviewing.

POSC 124

Polling and the Media

One Credit LA

Provides students with an understanding of the relationship between survey research and journalism. The course focuses on the uses and abuses of polls in the political process, the context for polls and their communication, and issues associated with independent polling, polling for candidates, and polling done by the media. Discussion involves current trends in survey research and the communication of poll results, including the role of exit polls. In addition, students gain different perspectives by discussing these issues with outside speakers.

POSC 202

Environmental Politics and Policy

Three Credits LA

Dual listed as ENSC 202

Environmental policy touches on nearly every aspect of human life – physical, political, economic, and social – and involves a large cast of characters, including local, state, national and international governments as well as non-governmental interest groups, scientists and the public. For these reasons, the environmental policy process is both complex and deeply consequential for our society. In this course, we will examine the political process as it relates to environmental issues and concerns. We will apply the politics of the environment to particular issues such as air and water pollution, land management, species protection, energy production and use, and climate change. The goal is to help you develop a critical understanding of how environmental policy is made, what challenges and opportunities exist for enacting and implementing policies, and how the process can be improved.

Prerequisites: POSC 110 and ENSC 101

POSC 210

Constitutional Law: National Powers

Three Credits LA

Triple listed as PRLG 206 and HIST 210

This course explores the role of the Constitution in American National Government. The course is divided into four sections. The first introduces several theoretical questions such as what is a constitution, who should interpret the constitution, and how should they interpret it? After examining the complexities involved in interpreting the Constitution, we will move on to explore how the fragile institutions of American National Government matured and evolved. We address this question by examining the development and elaboration of judicial power, federalism, and separation of powers. All of these themes are addressed through Supreme Court cases and philosophical writings.

Prerequisite: POSC 110

POSC 211

American State and Local Politics

Three Credits LA

This course offers an overview of state and local government and politics. It includes attention to New York State, the urban politics of New York City and attention to representative county and town governments in the mid-Hudson area. The social, economic, and political context within which state and local politics and policy making occurs will be covered. The course will examine linkage mechanisms between citizens and government, including elections, interest groups, and other forms of participation. Actors & institutions involved in policymaking at these levels and at the national level will be studied. Selected policy areas to be reviewed include criminal justice, social welfare policy, education and financing of current government priorities.

Prerequisite: POSC 110

POSC 212

Citizens and Political Organizations

Three Credits LA

Why do individuals participate in politics and public life? This is an important question, since much of public policy depends both on individual support and relies on the actions of a variety of public and private organizations. This course will explore the motivations and constraints behind various kinds of civic engagement. There will be a focus on the interaction between a variety of public and private organizations examining various influences in and by public decision-making.

Prerequisite: POSC 110

POSC 213

Politics of Human Rights

Three Credits LA

In this class we will attempt to figure out where human rights reside – with the individual, with the state, with a regional body or on the international level by looking at the historical development of the idea and theory of human rights. We will look at the development of the mid-20th century Universal Declaration of Human Rights guided by Eleanor Roosevelt and its counter, the Arab Charter on Human Rights. We will examine the concept and theory of human rights and arguments for their protection. We will explore human rights violations, and the intergovernmental and non-governmental organizations that work to alleviate such.

Prerequisite: POSC 112 or 113

POSC 214

Gender and the Law

Three Credits LA

This course examines the relationship between gender and the law, by exploring a variety of issues ranging from work and family to women and bodily autonomy. The course focuses on the conceptual assumptions underlying legal doctrines and precedents while paying close attention to the effects of gender-conscious laws on women and men of different races, classes, and sexualities. This course also addresses the constraints of law and considers the extent to which law is an appropriate vehicle for social change.

Prerequisite: POSC 110

POSC 217

Catholics in the U.S.

Three Credits LA

Triple listed as HIST 217 and REST 217

See HIST 217 for course description.

Prerequisite: POSC 110

POSC 218

American Political Thought

Three Credits LA

This course takes a chronological and thematic approach to the study of American political thought. The course begins by examining the theories upon which the nation is founded. These foundational theories include an examination of the social contract and separation of powers traditions. We consider the experience of the puritans and their quest to establish a city upon a hill as well as analyze the ideas that led to a revolution and the creation of a new government. In the second part of the course, we explore the tensions that arise as a consequence of national development. These tensions occur as the federal government moves to consolidate national power, industrialize, democratize, and pursue greater equality. The course ends by discussing ideas and institutions during times of crisis as well as considering America's place in the world. Thematically, the course focuses on the relationship between the individual and the community, the sources of legitimate political authority, the proper ends of government, the relationship between the economy and politics, and the role of diversity in our polity.

Prerequisites: POSC 110 and POSC 112

POSC 221

Law and Society

Three Credits LA

Triple listed as CRJU 221 and PRLG 221

See CRJU 221 for course description.

Prerequisite: POSC 110

POSC 232

Classical Political Thought

Three Credits LA

Classical political thought provides an overview of great political thinkers and the significant contributions they made to the development of western civilization. This course focuses on rich contributions from the ancient and medieval worlds and concludes by studying some of the world views which emerged from the changes that took place in 15th and 16th century Europe. Western political thought has deep roots and this course gives one the chance to appreciate the exciting clash of ideas that flows from those roots. Consideration of early ideas on constitutionalism, church-state relations and the basic relations between individuals and their rulers will be addressed. Among those whom we shall consider are the following: Plato, Aristotle, Cicero, Jesus, Augustine, Aquinas, Machiavelli, Luther. Among the issues raised are the following: Should we obey governments; what is the origin of political society; what constitutes good government; how should church and state relate; do people have the right to revolt; who should rule; rights & duties in political society. Offered biennially.

Prerequisite: POSC 112

POSC 233

Modern Political Thought

Three Credits LA

A study of selected political theorists and theories of the period from the 17th century to the beginning of the 20th century. Included among those studied are Hobbes, Locke, Rousseau, Burke, and Marx, as well as American political thinkers. Issues include theories of divine right, social contract, and of revolution as the basis for government power. Offered biennially.

Prerequisite: POSC 112

POSC 235

Scope and Methods of Political Analysis

Four Credits LA

This course is designed to introduce students to the style of analytic thinking required for research in the social sciences; the concepts and procedures used in the conduct of empirical political science research; and the use of software for analysis of quantitative social science data. In short, this course teaches a set of skills that are essential for both understanding the research you will encounter in your political science classes, and being able to produce high-quality original research of your own. At the end of the course, you should be a better consumer and critic of both popular and scholarly research in political science and you should be well-equipped to conduct your own independent research in Capping and other courses. Offered annually.

This class is intended as part of a sequence to prepare you for Capping; as such, you should take this course before enrolling in Capping.

Prerequisites: Sophomore standing or above, and two of the following: POSC 110, POSC 111, POSC 112, POSC 113

POSC 236

Politics of Developing Areas

Three Credits LA

This course is an introduction to the politics of developing areas, especially Asia, Africa, Latin America, and the Middle East. It examines the politics of selected countries in these regions, as well as the debates about the causes and effects of issues common to many. These may include state-building and state failure; the legacy of colonialism; ethnic politics and conflict; the role of the state, private investment, and international forces in economic development; varieties of authoritarianism, democratization, and human rights; women in politics; the environment; crime; public health; and education. The course will develop students' analytical writing skills while also practicing how to apply insights from one setting to another.

Prerequisite: POSC 111 or POSC 113 or ECON 104

POSC 240

Introduction to Public Policy

Three Credits LA

This course examines the interaction of institutions, values, and politics in public policy. How does the U.S. political system structure and constrain the policy process? How do public problems get defined and selected for governmental action (or not)? How do we decide among various policy options for addressing public problems? How are public programs evaluated, and how do we learn from them? Our approach to these and other questions will acknowledge that public policy is inherently political and cannot be understood apart from the political processes and institutions in which it is created and implemented. The goal of the course is to encourage students to think critically about policy debates and be informed participants in the process.

Prerequisite: POSC 110

POSC 251

European Politics

Three Credits LA

This class provides a comparative analysis of politics, institutions and governmental structures of select European countries and the European Union (EU). This course as a whole places particular emphasis on the following core aspects of comparative politics: the executive, parliaments, political parties, party systems and electoral behavior. It begins with an overview of the history of regional integration in Europe. Next, we examine developments in several European countries while placing a particular emphasis on the British

parliamentary system, post-Gaullist France, and the German Federal Republic. This course also studies the emergence of the newly democratic, free-market economies in Eastern Europe in the post-Cold War Era. Finally, it concludes by examining the EU's institutions and issues related to its future development. Offered biennially.

Prerequisite: POSC 111 or 113

POSC 252

Comparative Politics of Russia/Eastern Europe

Three Credits LA

This course is intended as an introduction to the politics and history of Russia and Eastern Europe from the communist to the post-communist period when countries in this region have been engaged in an historic transformation from Communism. Attention will be given to roles of ideology, political institutions and participation, political economy, as well as the challenges facing these countries in their unprecedented transitions to democracy and free-market economies.

Prerequisite: POSC 111

POSC 266

Italian-American Experience

Three Credits LA

Triple listed as ENG 266 & HIST 266

See ENG 266 for course description.

Prerequisite: POSC 110

POSC 271

Nationalism and Communism in China and Taiwan

Three Credits LA

This course is an introduction to the history, politics, and government of contemporary China and Taiwan. It examines the political dynamics of China's transition from Chiang Kai-shek's nationalism to Mao Zedong's brand of Communism to Deng Xiaoping's "market socialism." It looks, in addition, at the two "capitalist" powerhouses in Taiwan and Hong Kong and their growing integration with China. Key aspects of the political landscape in China and Taiwan are analyzed: leadership, political institutions, political participation, the government's role in economic development, and foreign relations. Crucial issues such as the role of women, population control, the environment, human rights, and democracy will also be addressed.

Prerequisite: POSC 111

POSC 280

Model United Nations

Three Credits LA

This course is about the UN committee system and processes, parliamentary procedures, and the art of compromise. The highlight of this experiential learning course will be a trip to a model United Nations conference and simulation. The key task of the class will be to prepare for the simulation through rigorous study of the UN committees, the issues before the UN, and the assigned country's place in global affairs and the UN. Admission to this course is through an application process only. Open to students of all majors.

Prerequisites: Permission of the instructor and POSC 111 or POSC 113

POSC 285

The History and Political Culture of Ireland

Three Credits LA

Dual listed as HIST 285

A survey of Irish history and political culture from the time of the Celts to the present day. Oral tradition, the songs and stories of the Shanachie, will be interwoven with historical narrative. Offered when there is sufficient student interest.

Prerequisite: POSC 111

POSC 289

Public Opinion and Politics

Three Credits LA

The purpose of this course is to provide students with an understanding of the role of public opinion in American politics. The course examines how public opinion is measured and shapes political debate; how political players influence public opinion; and how mainstream and new media inform the process.

Students will study how public opinion research activities are implemented by public pollsters and campaign consultants in an election setting; how pollsters, campaign consultants, and the media deal with public opinion and polls; and, what are the ethical and political implications in American politics today of how public opinion is considered. Students will have the opportunity to meet and dialogue with leading experts in public opinion, politics, and the media through a series of seminars.

Prerequisite: POSC 110

POSC 290

International Law and Organization

Three Credits LA

This course explores international law (IL) and international organizations (IOs) from an international relations perspective. In this course, students will familiarize themselves with the idea of global governance, explore different explanations for why international organizations form, consider why states would choose to comply with international law, and debate to what extent IOs really affect world politics. Special attention will be given to the United Nations System and contemporary blueprints for global governance. The course will examine the roles of various players in global governance (states, international organizations, regional organizations, and nonstate actors) and question how democratic they are. Students will also learn about different topics in global governance and international law (peace and security, global economy, human rights, humanitarian issues, criminal law, refugees, and the environment).

Prerequisite: POSC 111 or POSC 113

POSC 291-292-293

Special Topics in Political Science

Three Credits each LA

"Special topics" courses serve as a vehicle by which a division or school may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: one 200-level class from any subfield

POSC 300

US Constitutional Law: Civil Rights and Liberties

Three Credits LA

Dual listed as PRLG 201

This course explores the nature and scope of civil rights and liberties guaranteed under the U.S. Constitution. We will examine some of the most intractable issues that have come before the Supreme Court in an effort to consider how we as a polity should balance individual liberties and rights with other values such as community morality, public order, and equality. In an effort to explore these themes, we will address issues like affirmative action, pornography regulation, the right to privacy, and the need to accommodate religious minorities. Students should come to class prepared to participate, to challenge the cases and readings, and to develop their own informed view of the place of judicially guaranteed rights and liberties in the American polity.

Prerequisite: one 200-level class from any subfield

POSC 302

Political Social Movements

Three Credits LA

Political and social movements – the use of non-institutional strategies, tools and tactics to affect political change in the modern political state. This course looks at the various movements from those for national self-determination to those which redress "wrongs" to those which are means of increasing or decreasing citizenship and participation. This course will examine the theoretical and particulars of social political movements and protests. Key questions will be addressed such as under what contexts do movements emerge; how effective are movements in affecting change; and, are movements and protests a necessary part of the political process.

Prerequisite: one 200-level class from any subfield

POSC 303

Politics of Prejudice

Three Credits LA

This course deals with the politics of racial, gender-based, ethnic, and religious prejudice. The course will study both past and recent patterns of the denial of

basic human rights which were/are aided by government sponsoring, encouraging, or selectively ignoring manifestations of prejudice. The course will explore anti-Semitism, anti-Catholicism, oppression of blacks, “gay bashing,” suppression of women, and “ethnic cleansing” with particular emphasis on the roles of political actors, processes, and institutions. Attention will be paid to groups who sought to influence political actors and institutions to resist or to dismantle manifestations of prejudice.

Prerequisite: one 200-level class from any subfield

POSC 304

Public Administration

Three Credits LA

This course will look at the implementing arm of government(s). Policy making also happens as laws get implemented and enforced. The constitutional aims and values that administrators are charged with upholding in a liberal democracy will be explored. Besides looking at the theory and practice of federalism, also explored will be intergovernmental relations, decision making, civil service, budgeting, and implementation of laws – administrative discretion and objectivity – to administrative regulations and the interface with public, politicians, clients, taxpayers, and media. This course is reading, writing and thinking intensive.

Prerequisite: one 200-level class from any subfield or permission of the instructor

POSC 310

Race and Political Thought

Three Credits LA

Dual listed as HIST 216

This course is designed to explore some important themes concerning race in the American context. We focus primarily on African-American political thought, exploring different ideas, arguments, and concepts about race and society from a multi-disciplinary perspective. We read arguments from journalists, novelists, essayists, academics theorists, and religious and political leaders. The course is organized around four general issues or questions. The first question considers whether race is a biological category or a social construct. The second explores whether racial hierarchy is embedded in the structure of American politics or is a flaw in an essentially fair system. The third topic analyzes two differing approaches to equality: separation and integration. This third section considers arguments about whether integration or separation is the best political strategy for gaining full citizenship rights for African-Americans and other racial minorities. The last issue addresses diversity within the African-American community and considers whether inequality exists within the African-American community itself. We will examine each of these issues mainly through the writings of African-American social and political thinkers.

Prerequisite: one 200-level class from any subfield

POSC 312

History of the American Presidency

Three Credits LA

Dual listed as HIST 312

This course surveys the evolution of the Office of the President from the Constitutional Convention of 1787 to contemporary America. By using selected case studies attention is focused on the personalities and the forces which shaped the office during the history of the Republic. Offered triennially.

Prerequisite: one 200-level class from any subfield

POSC 320

Feminist Political Thought

Three Credits LA

This course will provide a grounding in feminist political theories and will include reading selected modern political theorists’ works through a feminist theoretical perspective. Particular attention will be given to key liberal democracy tenets: equality, political participation, and liberty as they relate to inclusive citizenship.

Prerequisite: one 200-level class from any subfield

POSC 321

Contemporary Political Theory

Three Credits LA

This class covers the key 20th century and beyond political theories that color our thinking about how best to govern, organize political life and live in community. We will engage with primary source material surveying the most influential political theorists of our time as they engage with the issues which define and

shape contemporary politics such as extremism, genocide, justice, democratic engagement, economics, citizenship, sovereignty, the role of religion and power in our pluralistic and interdependent modern world.

Prerequisite: one 200-level class from any subfield

POSC 322

Policy Implementation

Three Credits LA

This course aims at developing student awareness and understanding of key methods and types of program planning and evaluation in the public sector. Students should develop familiarity with the functions of planning and evaluation in policy development, implementation, revision, and/or termination. Developing awareness of American intergovernmental relations and providing familiarity with grant opportunities and procedures are other important outcomes sought in this course. Offered biennially.

Prerequisite: one 200-level class from any subfield

POSC 325

International Political Economy

Three Credits LA

International political economy (IPE) analyzes the intersection between economics and politics on both the national and international levels. IPE is concerned with the ways in which political forces (states, institutions, individual actors, etc.) shape the systems through which economic interactions are expressed. Topics covered include the evolution of the modern IPE, global trade and trade politics, World Trade Organization, development and economic reforms, and international monetary system. IPE has never been more relevant than it is now, as globalization is rapidly changing how the global economy functions, a number of states are plagued by stagnant economies, unemployment, and record high deficits, and the rich-poor gap is further widening globally.

Prerequisites: Either POSC 113 or 111, or the permission of the instructor

POSC 338

Political Communication and Politics

Three Credits LA

The purpose of this course is to provide students with an understanding of how information about politics is communicated to the public using both mainstream media (MSM) and new media. Students will also receive hands-on experience and a practical knowledge of organizational communication as a result of their work in The Marist Poll’s media unit. The course will examine media coverage of political campaigns; the technology used to release political information; and organizing and implementing campaign strategies. This course analyzes how media coverage of campaigns has evolved over the last six decades, how the emergence of new media and technology has played a role in that evolution, and how these journalistic and technological changes impact candidates’ campaigns.

Prerequisite: one 200-level class from any subfield or permission of the instructor

POSC 340

Marx and Marxism

Three Credits LA

Dual listed as PHIL 340

See PHIL 340 for course description.

Prerequisite: one 200-level class from any subfield

POSC 342

Survey Research & Political Data Analysis

Three Credits LA

This course takes students behind the scenes of the Marist Poll. Students taking the course learn: how to understand and use polling data; how respondents are selected to be interviewed; how pollsters develop their questions; how the results are analyzed and how to make polling data newsworthy. Students learn about career choices in public opinion, campaigns, and market research.

Prerequisite: one 200-level class from any subfield or permission of the instructor

POSC 350

Latin American Politics

Three Credits LA

Focusing on the key components in Latin American political systems, the course analyzes various aspects of politics, including functional elites, the military, the

middle class, labor, peasant movements, and the church. Comparative political opposition, and political adaptation and integration. Offered triennially.

Prerequisite: one 200-level class from any subfield

POSC 351

African Politics

Three Credits LA

This course provides an overview and critical analysis of the diversity of politics among the one billion people living in the more than 50 states of sub-Saharan Africa, tackling problems crucial to the future of Africa and the world. Topics include the diverse sources of political identity on the continent (e.g., ethnicity, religion, gender); the legacies of colonialism, independence, and liberation movements; the nature and powers of African states; the expansion of multiparty elections and democracy; civil wars and ethnic conflicts; economic development; and the causes, effects, and policy responses to health issues including the HIV epidemic. The course will provide students both with concrete knowledge of African politics and with tools for thinking about analytic ideas in political science.

Prerequisite: one 200-level class from any subfield

POSC 355

The History and Politics of the Modern Middle East

Three Credits LA

Dual listed as HIST 355

This course examines the significant developments in modern Middle Eastern history. These include the attempts to reform the Ottoman Empire in the 19th Century; the Empire's destruction and the establishment of the successor states in the early 20th century; the emergence of Turkish, Arab, and Palestinian nationalism and Zionism; the impact of the Western Powers on these developments; and the Islamic revival. Special emphasis will be given to the efforts of nation-building, the development of political systems, as well as to the impact of "modernization," the role of religion, women, the family unit, and sociopolitical organizations.

Prerequisite: one 200-level class from any subfield

POSC 360

Congress Today

Three Credits LA

This course will examine the U.S. Congress. We will take an in-depth look at congressional elections, exploring the incumbency effect, the role of money and campaign communications, and suggested reforms. Next we will turn to the institution of Congress, examining the roles and functions of party leadership, rules, committees, and voting behavior. Congressional interactions with other elements of American politics – the presidency, executive agencies, courts, and interest groups – will be explored as well. Finally, special attention will be paid to the tensions that arise in an institution that represents local constituencies and functions as a national policy making body.

Prerequisite: one 200-level class from any subfield

POSC 391-392-393

Special Topics in Political Science

Three Credits each LA

"Special topics" courses serve as a vehicle by which a division or school may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisites: one 200-level class from any subfield AND permission of the chairperson

POSC 396-398-498

Work Internship in Political Science

Three Credits each

Selected students engage in work experiences with government and political agencies. Work in the agency, readings, and a seminar project constitute the basis of the experience. Permission of faculty supervisor is required for admission to this course. No more than twelve credits may be taken during the internship. Offered every semester.

Prerequisites: one 200-level class from any subfield AND Permission of the Political Science Internship Coordinator

POSC 420

Environmental Planning

Three Credits LA

Dual listed as ENSC 420

This course will cover the constitutional principles, values, and socioeconomic impacts affecting planning; basic planning, land-use, and development practices such as environmental impact statements, master plans, citizen participation; and issues facing environmentally sound planning today.

Prerequisites: POSC 202, POSC 240 and one 300-level course OR permission of the instructor

POSC 450-457

Washington Semester: Internship

A cooperative program with American University allows a full semester of internship and study in Washington, D.C. Liberal Arts credits are awarded for POSC 451-457, each course earning four credits. POSC 450 awards four non-Liberal Arts credits. Specific course descriptions covering U.S. Government, U.S. Foreign Policy, and U.S. Economy may be obtained from the Political Science Internship Coordinator. Admission to the program is competitive.

Prerequisite: Permission of the Political Science Internship Coordinator

POSC 458-463

New York State Legislative Internship

A full semester of internship and study with the N.Y. State Legislature in Albany, N.Y. Liberal Arts credits are awarded for POSC 459, 460, 462, and 463, each course earning three credits. POSC 458 and 461 each award nine non-Liberal Arts credits. Specific course descriptions may be obtained from the Political Science Internship Coordinator. Admission to the program is competitive.

Prerequisite: Permission of the Political Science Internship Coordinator

POSC 477

Capping: Law and Morality

Three Credits LA

As political scientists we are enjoining the debate concerning the relationship of individual to state (and vice versa), morality and law as well as completing the integration of the Core/Liberal Studies experience. Questions considered include: What is the relationship between law, morality and justice? Upon what, if any, moral principles does law stand? Can we have a just political system without an appeal to controversial moral arguments? Can law articulate universal principles that extend to different genders, races, cultures, classes, nationalities and traditions? How does law resolve the tension between rights and liberties as well as democracy versus the rule of law? How do economic conditions influence the possibility of achieving justice? Readings will come from political theory, legal studies, economics and history. This is considered the thesis and capstone class for Political Science.

Prerequisite: Senior standing

PSYCHOLOGY

PSYC 101

Introduction to Psychology

Three Credits LA

This course includes the fundamental treatment of the basic research findings and theories comprising the science of psychology. Topics of study include the exploration of the nature, scope, and methods involved in the scientific investigation of human behavior, stressing such topics as learning, emotions, personality, biology, psychopathology, cognition, development and counseling. Offered every semester.

PSYC 200

Psychology Seminar

One Credit LA

The course introduces students to the psychology curriculum, faculty, and programs. It includes discussion of career directions for psychology majors as well as graduate study toward advanced degrees in the profession. Professional writing and oral presentation skills required in psychology courses are emphasized. Offered periodically.

Prerequisite: PSYC 101

PSYC 201

Personality Development

Three Credits LA

This course includes the study of the typical changes in personality during the stages of infancy, childhood, adolescence, and adulthood. It includes analysis of the physical, social, emotional, and intellectual elements related to healthy human personality development. These are evaluated from theoretical, cultural, historical and practical points of view. This course stresses the students' reflections upon their own personality development. Offered periodically.

Prerequisite: PSYC 101

PSYC 202

Abnormal Psychology

Three Credits LA

This course involves the study of psychological disorders with particular attention to the description and causes of disorders and the various therapies for them. The causes of these problems are viewed from a perspective that integrates multiple interactive factors, namely: biological, psychological, and social influences. Cultural and developmental dimensions are also examined. Offered every semester.

Prerequisite: PSYC 101

PSYC 203

Theories of Personality

Three Credits LA

This course focuses on the study of some of the more significant theories of personality as proposed by psychologists of the three major schools of thought: psychoanalytic, behavioral, and phenomenological-existential. Emphasis is placed on an in-depth understanding of the assumptions underlying each theory. Offered every semester.

Prerequisite: PSYC 101

PSYC 206

Psycho-Biological Sex Differences

Three Credits LA

This course focuses on the study of sexual differences in human behavior through an examination of the empirical evidence supportive of both biological and cultural explanations for their development. It also includes a survey of how genes, sex hormones, developmental history, and current cultural and interpersonal environments contribute to sex differences. Offered periodically.

Prerequisite: PSYC 101

PSYC 207

The Exceptional Child

Three Credits LA

This course provides an introduction to and study of various special needs populations, such as disability groups and the gifted. Emphasis is placed upon social-psychological and educational perspectives. Priority to students in Special Education and Secondary Education. Offered every semester.

Prerequisite: PSYC 101

PSYC 208

Educational Psychology

Three Credits LA

This course explores the physical, emotional, intellectual, and social development of the student with special emphasis on the relevance of these processes to the programs and procedures of schools. Priority to students in Special Education and Secondary Education. Offered every semester.

Prerequisite: PSYC 101

PSYC 210

The Psychology of Sleep

Three Credits LA

This course includes a survey of the history and major fields of research on human and animal sleep. It includes an in-depth study of several current areas of behavioral research in human sleep and dreaming. It also includes such topics as research methods, sleep length, sleep deprivation, sleep problems, drug use, and dreaming. Offered periodically.

Prerequisite: PSYC 101

PSYC 211

Sports and Exercise Psychology

Three Credits LA

Dual listed as HLTH 211

The study of various aspects of sports and exercise psychology, including stress, anxiety, motivation, imagery, goal setting, and self-perception and how these relate to physical activity and participation. Offered periodically.

Prerequisite: PSYC 101

PSYC 215

Psychology of Interpersonal Communication

Three Credits LA

This course covers the principles and techniques of human communication, with an emphasis on those skills useful to persons planning to enter the helping professions. In addition to discussions of theory, students will practice methods of self-disclosure, active listening, confrontation, conflict resolution, and values clarification. It includes opportunities for students to investigate related topics such as family and marital communication processes, nonverbal communication, transactional analysis, and constructive patterns of communication in work settings. Offered periodically.

Prerequisite: PSYC 101

PSYC 220

Social Psychology

Three Credits LA

This course includes the study of how the behaviors, thoughts, and feelings of the individual are influenced by the presence of other persons. Topics such as social cognition; attitude formation and change; altruism and aggression; interpersonal attraction and love; prejudice; and group behavior will be discussed. In addition, various empirical research methods will be examined and applied to these topics. Offered every semester.

Prerequisite: PSYC 101

PSYC 222

Community Psychology

Three Credits LA

This course provides an overview of the applied discipline of Community Psychology, its history, its relationship to other social sciences, the types of problems that this field addresses, and a range of interventions to resolve community problems. Students will explore the ecological perspective and learn about prevention and other broad-scale approaches to problems in living. The praxis component allows students to observe and to reflect on the principles of community psychology in action. Offered periodically.

Prerequisite: PSYC 101

PSYC 301

Psychobiology and Lab

Four Credits LA

This course explores the biological bases of behavior, including the roles of the nervous, endocrine, and immune systems. The course begins at the level of neurons and finishes by considering complex behavioral manifestations of brain functioning. Offered every semester.

Prerequisite: PSYC 101, PSYC 350

PSYC 302

Neurobiology of Learning and Memory and Lab

Four Credits LA

The focus of this course is the neurobiology of learning and memory. Its primary focus is on how neural structures and circuits give rise to learned behavior. It emphasizes such topics as encoding, consolidation, storage, retrieval, and underlying brain bases. Offered periodically.

Prerequisites: PSYC 101, PSYC 350

PSYC 303

Developmental Neuropsychology and Lab

Four Credits LA

This course is an introduction to the effects of the nervous system on human behavior from a developmental perspective. The course covers two major themes:

the neuropsychological development of the normal child and the neuroscience of aging. Offered periodically.

Prerequisites: PSYC 101, PSYC 350

PSYC 304

Psychopharmacology and Lab

Four Credits LA

This course provides an introduction to the fundamentals of psychopharmacology in relation to behavior. It examines the basic mechanisms of several types of pharmacological agents, which alter mood and behavior. Drugs that have abuse potential and drugs that are used as medication for the treatment of psychological/psychiatric disorders are a special focus. Offered periodically.

Prerequisites: PSYC 101, PSYC 350

PSYC 305

Neurobiology and Neuropsychology of Learning Disabilities and Lab

Four Credits LA

This course synthesizes current knowledge regarding the biological bases of developmental disorders such as autism, learning and language disabilities, attention deficits, and the effects of social stress and maltreatment on brain development. The course considers specific areas of the brain implicated in disorders and neuropsychological assessment and diagnosis of these disorders. Offered periodically.

Prerequisites: PSYC 101, PSYC 350

PSYC 306

Cognitive Neuroscience & Neuropsychology + Lab

Four Credits LA

This course will begin with an overview of the structure of the nervous system and how communication happens within it; introduce students to methods of cognitive neuroscience and neuropsychology, and goes on to investigate topics such as sensation and perception, attention, memory, language and executive function using these methods. In the lab portion of this course, students will participate in behavioral and psychophysiological tasks related to these topics. Offered periodically.

Prerequisites: PSYC 101, PSYC 350

PSYC 309

Ethics and Professional Issues

One Credit LA

The course introduces students to the ethical standards of the American Psychological Association. Case studies illustrating these principles will be discussed. A range of current and relevant professional issues will be featured each semester. Offered periodically.

Prerequisites: PSYC 101 and at least sophomore standing

PSYC 311

Principles of Psychological Testing

Three Credits LA

This course reviews the principles of test construction, administration, scoring, and interpretation of both group and individual tests; studies the major theories and techniques of intelligence, aptitude, and proficiency testing; surveys tests that measure interests as well as personality tests; and provides an overview of behavior assessment. Offered periodically.

Prerequisites: PSYC 101, MATH 130

PSYC 315

Human Factors Psychology

Three Credits LA

This course overviews the application of psychological principles to the design of human environment. It also provides a review of the basic human capabilities for attention, perception, memory, information processing, and decision making. It focuses on how these processes influence the design and use of equipment, computer software, and other aspects of offices and homes. Offered periodically.

Prerequisite: PSYC 101

PSYC 317

Child Development

Three Credits LA

This course examines the physical, intellectual, emotional, and social aspects in the development of the child from conception through the early adolescent period. Offered every semester.

Prerequisite: PSYC 101

PSYC 318

Psychology of the Adolescent

Three Credits LA

This course provides a general review of normal adolescent development as well as some common adolescent psychopathology (i.e., substance abuse, eating disorders, depression). The course is appropriate for anyone interested in working with adolescents. Current knowledge of biological, social, sexual, and cognitive development debunks many misconceptions about adolescents.

Prerequisite: PSYC 101

PSYC 321

Adult Development

Three Credits LA

This course is presented from a theoretical base of lifespan development, so that individual growth and change can be viewed as a process beginning with birth and ending with death. The focus will be on development from early adulthood through old age both in terms of theory and current empirical research. Theoretical approaches of Brofenbrenner, Piaget, Erikson, Lovinger, and others will be covered. The content themes will include: development of self, cognition, memory, intelligence, sexuality, personality, social development, interpersonal relations, psychopathology, and death/dying. Offered periodically.

Prerequisite: PSYC 101

PSYC 323

Lifespan Development

Three Credits LA

This is an introductory course that examines the development of individuals from conception to death. With each life stage, current and historical research and theoretical information will be presented related to socioemotional, physical, and cognitive development. Also covered will be the effect of cultural differences on human development, ethical issues related to development, and problems that occur during development. Offered periodically.

Prerequisite: PSYC 101

PSYC 330

Culture and Psychology

Three Credits LA

This course examines the ways that culture and diversity (i.e., in both international and American multicultural terms) affect human thoughts, feelings, and social behaviors. Topics to be covered include the cultural aspects of human development; the self/identity; personality; emotions; sensations; perception and cognition; stereotypes and prejudice; communication and social interaction; motivation; intelligence; psychological disorders and health; and organizations. It is intended for students from a diverse array of majors. Offered periodically.

Prerequisite: PSYC 101

PSYC 331

Psychology of Women

Three Credits LA

This course provides a theoretical basis for understanding women's experiences as influenced by gender differences, culture, societal roles and expectations, personality, language, socioeconomic status, age, and psychological development. Feminist research in areas such as violence against women, women's mental health, women and work, and resilience in girls and women is examined toward understanding and improving the lives of girls and women in all their diversities. Psychology of Women offers both male and female students the opportunity to study the social construction of gender relations, explore social policies and practices that advance equality and social justice, as well as empower women personally, professionally and socially. Offered periodically.

Prerequisite: PSYC 101

PSYC 332

Fundamentals of Counseling

Three Credits LA

This course introduces students to the nature of counseling and the role of the counselor as a helping professional. Students will become acquainted with interviewing and counseling skills for use in both professional and paraprofessional settings. In addition, they will be exposed to a number of theoretical approaches to counseling such as Rogerian, behavioral, and cognitive, as well as others. Clinical and ethical issues related to the counseling field also will be addressed. Offered periodically.

Prerequisite: PSYC 101

PSYC 340

Attraction and Romantic Relationships

Three Credits LA

This course explores many dimensions of human “meeting and mating” behaviors from a social psychology perspective as students critically examine recent research and theories. Students examine the biological, psychological and social determinants of romantic behavior as they explore why couples are attracted to one another, what romantic love is, why couples become attached to one another, ways couples strengthen their relationships, and how the quality of mate choice may affect partnering, marriage, and relationship satisfaction. Offered periodically.

Prerequisite: PSYC 101

PSYC 342

Cognitive Psychology

Three Credits LA

This course provides a survey of traditional and current theories and research in perception, attention, learning, memory, language, problem solving, concept formation, reasoning, and decision making. Offered periodically.

Prerequisite: PSYC 101

PSYC 348

Psychological Perspectives on Criminal Behavior

Three Credits LA

Dual listed as CRJU 348

This course focuses on particular psychological aspects of the criminal justice system including what the criminal knows about himself/herself and how this affects his/her behavior. This topic is considered in the context of alternative answers to one question: What does society want from its convicts? That is, once people are caught and are serving a sentence, what goals would society set for them and what psychological obstacles stand in the way of their doing what society wants them to do? Answers to these questions will be presented in discussions on such issues as forensic assessment, the insanity defense, and civil commitment. Offered periodically.

Prerequisite: PSYC 101 or CRJU 101

PSYC 350

Psychological Research Methodology and Lab I

Four Credits LA

This course provides an introduction to nonexperimental, correlational, and experimental methods of research. Topics include ethics in research, statistics for behavioral sciences, and the use of computers for data analysis. Class discussion and student projects are designed to teach students how to read and to evaluate critically popular and professional literature in psychology. Students plan, carry out, evaluate, and write APA-style reports on research projects. Offered every semester.

Prerequisites: PSYC 101, MATH 130 and CMPT 103 or EDUC 150

PSYC 351

Psychological Research Methodology and Lab II

Four Credits LA

This course provides an emphasis on experimental and quasi-experimental methods of research in psychology. It continues the study of statistical methods including analysis of variance, and use of computers to analyze data. Students plan, carry out, evaluate, and write APA-style reports on research projects. Offered every semester.

Prerequisite: PSYC 350

PSYC 362

Measurement and Evaluation

Three Credits LA

In this course, students examine the role of measurement and evaluation in general and in special education. Proceeding from an understanding of the essential qualities of all measurement instruments, including validity and reliability, students learn to plan, to construct, and to analyze the results of classroom tests, to use alternative/authentic assessments, and to evaluate standardized tests. Assessment instruments are summarized using measures of central tendency, validity and reliability, and are interpreted using norms and standard scores. Representative measures of aptitude and achievement for general and special education populations will be examined. Students also consider the current social and ethical implications involved in assessment. Priority to Education students. Offered every semester.

Prerequisite: PSYC 101

PSYC 372

Psychoeducational Assessment of Educational Disabilities

Three Credits LA

This course provides an introduction to psychoeducational assessment in special education, with a focus on learning disabilities, behavior disorders, and intellectual disabilities. Emphasis is on assessment as a multifaceted process, which must proceed from an understanding of basic concepts of measurement and evaluation. Students examine various instruments currently used for standardized and informal assessment of intelligence, achievement, adaptive behavior, effect, and language. This course is designed primarily for students who will become special education teachers at the elementary or secondary level. This course is also relevant for those who will become part of the support system for students with disabilities, especially school psychologists and social workers. Offered every semester. Priority to Education students.

Prerequisites: PSYC 101, PSYC 207

PSYC 385

Industrial/Organizational Psychology

Three Credits LA

This course is an introduction to the many areas of interest to the industrial psychologist. Students will learn how various theories in psychology have been applied to solving problems such as worker motivation, leadership, group interaction, and testing and research in the workplace. Students will analyze these problems from many different perspectives in order to understand how psychological theory can be used to improve individual and organizational functions. Offered periodically.

Prerequisite: PSYC 101

PSYC 392-393

Special Topics in Psychology I–II

Three Credits each LA

“Special topics” courses serve as a vehicle by which a department may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisite: Permission of Dean

PSYC 420

Psychological Research Methods III

Three Credits LA

Extends knowledge and skills learned in PSYC 350 and 351 to more advanced research designs, statistics, and computer data analysis. Includes repeated measures ANOVA, regression analysis, and qualitative designs. Students will design projects, collect data, and write results in APA style and poster style. Recommended for students planning to attend graduate programs. Offered periodically.

Prerequisites: PSYC 350, PSYC 351

PSYC 478

Psychological Systems (Capping Course)

Three Credits LA

This “capping” course explores the historical development of psychology as a science by focusing on the various schools of thought, systems, and theories that have contributed to its growth—both from within and outside the discipline.

Its intent is to help the student gain perspective on contemporary psychology by appreciating the problems psychology has confronted over the years and its interrelationships with other disciplines. Required for all senior Psychology Majors. Offered every semester.

Prerequisites: PSYC 101, PSYC 350, and one course from PSYC 301, 302, 303, 304, 305 or 306

PSYC 479

Educational Psychology Seminar

One Credit LA

This is a required course for psychology/education certification students to integrate educational psychology theory as part of the pre student teaching experience. The course reinforces the understanding of key concepts of psychology content by examining this content through peer teaching and field experiences. Specific implications and application of learning theories will be discussed using examples drawn from educational situations and educational programs. Emphasis is on behavioral, social, cognitive, information processing, and constructivist theories. The theme will be focused on "reflective practice."

Corequisite: EDUC 462

PSYC 485

Supervised Research

Three Credits LA

This is a culminating experience designed for interested senior majors in Psychology. It consists of the student's designing and executing a research proposal under the direction of one of the members of the department.

Prerequisite: Permission of Chairperson

PSYC 487-491

Fieldwork/Internship: I, II, III, IV, V

Three Credits each

Under the supervision of both a faculty supervisor and a field professional, students take the theories and principles learned in the classroom and apply them to their work in a field setting. Students acquire knowledge and new skills while providing service and furthering their career development. NOTE: Fieldwork experiences may not be used to fulfill the Breadth of Psychology major requirements.

Prerequisites: PSYC 101, PSYC 350. Attendance at one mandatory informational workshop; Academic Good Standing; Second semester junior or senior standing

RELIGIOUS STUDIES

REST 107

Introduction to Religion

Three Credits LA

This course examines the origin theories, rituals, beliefs, and ethics of ancient religions. Patterns and similarities are explored in religious traditions from archaic times to the present. Students will also study the structural and ethical differences between ancient and modern religions. To help develop analytic skills, students will utilize various approaches to the study of religion, including historical, theological, ethnological, and psychological methodologies. Offered every semester.

REST 201

Religion in America

Three Credits LA

An introduction to the study of religions and religious experience in North America. This course examines the history, the beliefs, and the impact of religion on American culture. Specific traditions to be explored include indigenous religions, Judaism and Christianity, and contemporary religious movements. Offered annually.

REST 203

Christianity

Three Credits LA

A contemporary approach to the study of Christian principles and history. Special areas of interest include the person of Jesus, the development of Christian doctrines, and the interrelationships among various Christian denominations. Offered every semester.

REST 204

Judaism

Three Credits LA

An overview of the basic spiritual ideas of Judaism as they evolved historically from Biblical times to the present. This course also treats Jewish customs, holidays, and ceremonies and the ideas underlying them. Offered annually.

REST 206

Contemporary Religious Education

Three Credits LA

A study of religious-education methods and insights on four levels: in the family, the faith community, the nation, and the world. Offered according to student and/or faculty interest.

REST 209

World Religions

Three Credits LA

An introduction to Hinduism, Buddhism, Judaism, Christianity, and Islam, and their relation to the cultures in which they developed. This survey course emphasizes the universality of religious experience and considers the impact of religion on the world. Offered every semester.

REST 210

Film and the Bible

Three Credits LA

This class will examine and critique the use of biblical stories and theological themes in an international selection of films. The goals of the class include: a sustained and critical engagement with the ways film artists interact with and interpret biblical texts, exposure to a variety of the exegetical projects (including both non-American and Hollywood films), and an expansion of the ability to discuss biblical texts in relation to religious themes, popular culture and thoughtful artists.

REST 214

Religious Themes in Literature

Three Credits LA

Dual listed as ENG 214

See ENG 214 for course description.

REST 215

Religions of India: Hinduism, Buddhism, Islam

Three Credits LA

This course examines the central rituals, doctrines and ethics of the religions of India. Though the course focuses on Hinduism, Buddhism, and Islam, the course will also look at Sikhism, Jainism and other faiths of India. Through the examination of primary texts and through writing research papers, students have the opportunity to analyze and compare the symbols, rituals, values and religious stories of India.

REST 216

Ancient Greek Religion

Three Credits LA

This course is an introduction to the world of thought and practice that comprises ancient Greek religion. With its multiplicity of divinities, the absence of Scriptural authority, its sacrificial and ritualistic practices, and more, ancient Greek religion is really an "other" way of being-in-the-world religiously. During the course students will learn about the most important gods, festivals and religious concepts that give content and structure to ancient Greek religion. During the course we will raise questions that may not have been raised by the participants, such as what effect does this practice have on the participant and on society? What kinds of values does a given text or practice suggest or implicitly depend on? What are the conceptions of human nature that the texts and practices envision? What does a given dimension of Greek religion show to be fundamental to human happiness and welfare?

REST 217

Catholics in the U.S.

Three Credits LA

Triple listed as POSC 217 and HIST 217

See HIST 217 for course description.

REST 219

Sociology of Religion

Three Credits LA

Dual listed as SOC 220

See SOC 220 for course description.

REST 230

Religion and Politics

Three Credits LA

A study of the interrelationship between religion and politics. Of particular importance is an examination of the roles of those who are in positions of authority in these two realms. Offered triennially.

REST 231

Social Ethics and Economics

Three Credits LA

Economic policies and socio-ethical views (especially those rooted in religious thought) are studied as interrelated parts of a total cultural system. Of particular interest to this course are the ways that these systems relate to human values and human needs, including those of marginalized peoples in the Third World countries and elsewhere. Offered annually or according to student interest.

REST 232

Religion and Culture

Three Credits LA

Dual listed as ANTH 232

A dimension of cultural anthropology, with focus on religion as a cultural universal. The study of cultural differences and determinants suggests new understandings of religious differences and functions in the human family. Offered when there is sufficient student interest.

REST 243

Catholic Thought and Spirituality

Three Credits LA

Dual listed as CAST 202

This course helps students understand the Catholic tradition in an academic, objective, non-confessional, and critical manner. Through theological readings and class discussions, it considers historical development, doctrinal positions, spiritual dimensions, and contemporary issues in Roman Catholicism. Offered annually.

REST 244

Prison, Praxis and Prisoners

Three Credits LA

What values are informing present prison structures? How does the stated purpose of prisons as defined by both federal and state mission statements compare to the actual experience of the imprisoned and the systematic administrations of that purpose? We will be engaging in a critical reflection of the experience of imprisonment to investigate the possibility of a socio-spiritual (re)configuration of the prison. This course will consider the social, psychological, political, and spiritual reality related to both prisons and those imprisoned. Among the related issues that we will examine will be social safety concerns and human rights. We will especially consider the experience of imprisonment for women separated from their children, and the effect of present policies on these children. Through Amnesty International, the Index on Censorship, and other work on behalf of human rights, we will also study the situation of political prisoners and pervasive torture in the world today. Given this sort of inquiry is it possible to conceive of values that reflect a more transcendent perspective on the prison experience?

This course will attempt through readings, film, documentary, voices of prisoners, and a praxis project to gain a critical awareness of the prison system in the U.S. with some comparison to prisons in other countries. We will analyze alternatives to imprisonment and consider possibilities for change. We will also ask existential questions, for example, in what way are we ourselves imprisoned? Is life intrinsically meaningful, even in prison? What is our connection to those in prison? The course will consider different sociopolitical and theological positions infused with a theologically informed liberationist approach. Offered annually.

REST 245

Jesus and Discipleship

Three Credits LA

This course examines the significance of Jesus of Nazareth as portrayed in the Gospels and New Testament letters. In conjunction with a critical contemplation on Jesus and his call to humanity, the course will systematically reflect on the distinct yet complementary meanings of discipleship. Thus, the consideration of Jesus and discipleship will reflect the views of believing Christians as well as other people of good will. These areas will be addressed in different historical settings and taken from various perspectives as readings will come from the Judeo-Christian Scriptures, historical documents, and contemporary texts. Offered annually.

REST 300

Judeo-Christian Scriptures

Three Credits LA

This course will begin by analyzing how the Hebrew Scriptures were composed and compiled through the different periods of Jewish history. With a knowledge of the historical and cultural context of these religious writings, the class will examine the Biblical stories, seeking to find their meaning and significance for ancient Jews and contemporary people. The different books and letters of the New Testament also responded to specific controversies of the time, and therefore the class will analyze the New Testament writings to understand the religious debates and conflicts in the early Church. Since the Hebrew Scriptures and New Testament grew out of religious traditions, the class will study these texts to help them understand the doctrines, rituals, and denominations of Judaism and Christianity. All students must write an analytic research paper or present to the class an oral report based on their research. Offered every semester.

REST 315

Global Liberation Theology

Three Credits LA

This is a praxis-oriented course which will identify both common themes and differences of distinctive liberation theologies in a global context. Consideration of themes such as preferential option for the poor, social analysis, commitment to human rights, and praxis will be informed by participants' spiritual and ethical sources. All students must write an analytic research paper or present to the class an oral report based on their research. Offered annually or according to student interest.

REST 320

Public Praxis I

Three Credits LA

Dual listed as SOC 320

This is a praxis-seminar course in which students will participate experientially in the multiple aspects of a praxis project and meet weekly for round-table discussions to process their experience. Seminar discussion groups will also engage shared readings, view relevant media, critically analyze social situations, and inquire into values, experiential modes, and attitudes. The written component of the praxis project will be public-directed (e.g., an article for a local newspaper, a book chapter, or a community writing project). All students must write an analytic research paper or present to the class an oral report based on their research.

REST 325

Public Praxis II

Three Credits LA

Dual listed as SOC 325

This course is the Capping course for the Minor in Public Praxis. Students are expected to originate a significant praxis project and attend to all its aspects. Each student will form a Mentoring Committee made up of the faculty sponsor, experienced community "expert," and a member of the subject people (when appropriate). The Committee will meet together with the students at least twice during the semester as well as meeting more often individually. In consultation with others on the Committee, the faculty member will be responsible for final assessment. All students must write an analytic research paper or present to the class an oral report based on their research. Offered annually.

REST 330

Religion in Contemporary Moral Life

Three Credits LA

This course examines the relationship between religious thought and human moral agency. Through research and discussion, students will deal with religious approaches to contemporary moral issues, including those of personal relations, social justice, and medicine and business ethics. All students must write an analytic research paper or present to the class an oral report based on their research. Offered biennially or according to student interest.

REST 331

Philosophy of Religion

Three Credits LA

Dual listed as PHIL 331

See PHIL 331 for course description.

REST 335

Marriage and Family from Religious Perspectives

Three Credits LA

This course focuses on the religious beliefs and practices concerning marriage from the Jewish and Christian traditions, though other religious traditions may also be examined. In this class, marriage is examined as a religious ritual, and as a means through which religious virtues such as patience, fidelity, perseverance, and forgiveness can be acquired and transmitted. The class explores the role of marital vows and obligations of love that are expressed in these religious vows. Since there are many different Christian and Jewish denominations, the class will study various religious approaches to divorce, marital ethics, parenting strategies, family rituals, and the religious education of children. All students must write an analytic research paper or present to the class an oral report based on their research. Offered every semester.

REST 361

Ancient Roman and Early Christian Literature

Three Credits LA

Dual listed as ENG 361

See ENG 361 for course description.

REST 371

The Hebrew Bible as Literary Classic

Three Credits LA

Dual listed as ENG 371

See ENG 371 for course description.

REST 392-393-394

Special Topics in Religion I–II–III

Three Credits LA

“Special topics” courses serve as a vehicle by which a division may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Students should check with the appropriate faculty member for detailed information on any “special topics” course. All students must write an analytic research paper or present to the class an oral report based on their research.

REST 406

Psychology and Religion

Three Credits LA

This course provides a psycho-theological approach to understanding significant issues and questions in contemporary spirituality. The focus is on integration of theology with basic psychological theories, dynamics, and techniques of counseling. All students must write an analytic research paper or present to the class an oral report based on their research. Offered triennially.

REST 431

Spirituality and Human Development

Three Credits LA

This course is designed to engage students in research and discussion of the foundations of faith development in the human life cycle. Focus is on early and middle adulthood and later life. Significant issues include the development of faith in relation to family, sexuality, and life-crisis events (i.e., illness, death,

separation, and divorce). All students must write an analytic research paper or present to the class an oral report based on their research. Offered triennially.

REST 477

Capping Course

Three Credits LA

This course is the capping course for the Religion Major that introduces students to the historiography of religion, and involves the critical examination of various descriptions of different religions. The course will focus on examining the methodologies of various authors who publish on the history, theology and ethics of religions. Students will also be able to focus on projects that correspond to their central interests in the discipline.

SOCIAL WORK

SOCW 230

Introduction to Social Work

Three Credits LA

Introduction to Social Work is intended as a foundation for students interested in working toward the bachelor of science degree in Social Work. It is a prerequisite for all other courses required in the Social Work major. This course is appropriate for any student interested in the expanding field of the helping services and professions. Students will be introduced to the history of social welfare and the social-work profession. The purpose and goals of social-work practice in a changing society will be studied. Offered every semester.

SOCW 326

Domestic Violence Prevention

Three Credits LA

This course is dual listed with SOC326

This course introduces students to the social issue of violence within families including intimate partner violence. A cross-disciplinary approach will be used to understand family violence as a critical and complex social and legal problem. The course seeks to develop an understanding of the varied dynamics of family violence and to critique the myths and stereotypes associated with it. Other types of interpersonal violence such as school bullying and gang violence will be explored.

SOCW 330

Social Service: Theory & Practice

Three Credits LA

This course explores a variety of theoretical perspectives that direct the social-work helping process. Theories examined include systems, ecological, feminist, ethnic sensitive, and strengths. These theories are examined from an historical perspective and for their value base relative to agency-based practice and research. The interaction of the social worker with the social-service delivery system is explored and analyzed through the completion of an agency assessment. *Prerequisite:* SOCW 230 or permission of instructor

SOCW 340

Children and Families in the Social Environment

Three Credits LA

This course examines the reciprocal relationship between the developing child from infancy through adolescence and his/her social environment. There will be an examination of the family and its critical role in child rearing as well as the support parents and caregivers require to undertake this task. Genetic and socioeconomic factors, child-rearing practices, and the influence of values and cultural and ethnic orientation will be explored. Preventive and intervention settings and resources will be reviewed along with a thorough examination of the policies and practices of the American child-welfare system. *Prerequisite:* SOCW 230 or SOC 101 or PSYC 101

SOCW 343

Social Work With Aging People and Their Families

Three Credits LA

This course provides an overview of issues in the field of aging which are related to social-work practice. Changes among the elderly such as health, finances, and social roles are studied with particular reference to potential need for assistance.

Social-work methods and intervention with older people and their families in a variety of settings are examined. Field trips to agencies are required.

Prerequisite: SOCW 230 or PSYC 321 or permission of instructor

SOCW 344

Social Welfare: Policies and Analysis

Three Credits LA

This course surveys the evolution of major social-welfare programs and analyzes recent government responses to social-welfare needs in the United States. Emphasis is placed on analysis of and alternatives to current social-welfare policies and programs. Content includes: social welfare as a right or principle, models of government programs, social-welfare structures, and social insurance. Course content is enriched by a concurrent field education experience.

Prerequisites: SOC 101, SOCW 230

SOCW 345

Human Behavior in the Social Environment

Three Credits LA

Empirically based theories and knowledge of human growth and development are studied for their usefulness in understanding human behavior across the life span as impacted by social and cultural diversity, political and economic barriers, and opportunities. The focus of this course is the individual within the social context of family and larger social institutions such as education, commerce, government, and spiritual organizations, and the ways that systems promote or deter people in maintaining or achieving health and well-being.

Prerequisite: SOCW 230 or permission of instructor

SOCW 350

Alcoholism and the Family

Three Credits LA

A study of the nature of alcoholism and its effect upon individuals and dynamic family systems. The physiological, psychological, and social impact of alcohol on specific groups, especially women, children, and adolescents, will be addressed. Issues of the adult child of the alcoholic will also be discussed. Students will develop assessment skills to identify alcoholics and their families within the social-service population.

Prerequisite: SOC 101 or SOCW 230 or permission of instructor

SOCW 352

Addictions and Diverse Populations

Three Credits LA

This course offers students the opportunity to explore the needs of persons who suffer from addiction to alcohol and other substances as well as mental disturbance, intellectual impairment, and/or physical challenge. The course addresses issues of case identification, assessment, treatment, and policy. Students are encouraged to examine critically existing assessment and diagnostic frameworks, ethical dilemmas in relation to delivery of service, and personal beliefs as they affect response to this population.

Prerequisite: SOC 101 or SOCW 230 or permission of instructor

SOCW 382

Junior Field Education

One Credit

Students are assigned to social service agencies to observe and apply beginning social-work skills based on theoretical content provided in previous and concurrent courses. A minimum of 72 hours of field education and a minimum of four integrated class seminars are required.

Prerequisite: SOCW 330; MAJORS ONLY

SOCW 383

Social Work Methods I

Three Credits

Building on SOCW 230 and SOCW 330, this course continues the study and application of social-work knowledge, values, and skills relative to generalist social-work practice. The person-in-environment context is the focal point for application of the social-work process of assessment, planning, intervention, evaluation, and termination. A concurrent required field education experience (SOCW 382) enriches course content.

Prerequisite: SOCW 330; OPEN TO MAJORS ONLY

SOCW 392-393-394

Special Topics in Social Work I–II–III

One to Three Credits each LA

“Special topics” courses serve as a vehicle by which a department may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisites: SOCW 230 and permission of Program Director and Dean

SOCW 395

Social Work with Diverse Populations

Three Credits LA

This course is designed to heighten the student’s knowledge, awareness, and tolerance of differences among people, as well as raise consciousness and sensitivity to the kinds of problems in which these differences result. Ethnic minorities, undervalued groups, and protected classes will be studied in the context of language, poverty, powerlessness, institutional racism, sexism, and ageism. Frameworks for social-work practice will focus on how social workers can be equipped to improve the status of minorities and undervalued groups. Course content is enriched by a concurrent field education experience.

Prerequisites: SOC 101, SOCW 230, SOC 336

SOCW 450

Social Work In the Addiction Practice Setting

Three Credits

This course offers social workers entering the addiction field understanding of the field itself, its history and professional culture within the field. Emphasis will be placed on the analysis of the role of social work within the field, introduction to skills required to work with alcoholics and addicts as well as administrative skills needed to contribute to the field’s development. This course challenges students to examine their beliefs about addiction, alcoholics, substance abusers and their families and the field of addiction treatment.

Prerequisite: SOCW 350

Recommended Prerequisite: SOCW 352

SOCW 475

Social Work Methods II

Three Credits

This is the final course in the practice sequence. Here, students study an expanded range of empirically tested practice intervention models and techniques within the context of generalist practice. Course material relates practice theory to a common core of concepts, skills, tasks, and activities essential to generalist social-work practice with client systems of various sizes and types. Concurrent field practicum provides students with the opportunity to apply these varied interventions.

Prerequisites: SOCW 382, SOCW 383; OPEN TO MAJORS ONLY

SOCW 478

Senior Integrative Seminar/Capping

Three Credits LA

In this course students focus on the ethical dilemmas in social-work practice. Frameworks for understanding and analyzing ethical dilemmas will be studied. The course also assists students in identifying a strategy for continued professional development.

Prerequisites: SOCW 477; OPEN TO MAJORS ONLY; taken concurrently with SOCW 483

SOCW 482-483

Practicum in Social Work I–II

Four Credits each

These two courses provide students with opportunities to acquire skill in social-work practice and to test in a field setting the theories and principles learned in the classroom. Students are assigned to social-service agencies where, under the supervision of professional social workers, they learn by directly participating in the delivery of social-work services.

Prerequisites: SOCW 382, SOCW 383; OPEN TO MAJORS ONLY

SOCIOLOGY

SOC 101

Introduction to Sociology

Three Credits LA

Students are introduced to three major sociological theories, conflict, functionalism, and symbolic interactionism, within an ongoing holistic analysis of contemporary society. Emphasis is on how the major social institutions, the economy, government, education, religion, and the family, profoundly shape individuals' personal identities and everyday lives.

SOC 202

Social Problems

Three Credits LA

An analysis of persistent and developing problem areas in an American or global context: family, education, politics, economics, ethnic, and gender issues.

Prerequisite: SOC 101

SOC 211

Social Deviance

Three Credits LA

Formal and informal definitions of deviance and deviants, differentiation of deviant populations, and the organization of social-control activities and people-processing institutions. Special emphasis is placed on analyzing deviance in relation to conflict theory and social-learning theory.

Prerequisite: SOC 101

SOC 220

Sociology of Religion

Three Credits LA

Dual Listed as REST 219

An introduction to the specific study of religion which is anthropological, psychological, and sociological. A study of how cultural systems, human individuals, and social structures influence religion, and how religion in turn influences them.

Prerequisite: SOC 101

SOC 223

Juvenile Delinquency

Three Credits LA

Definitions of delinquent behavior and contributing social problems. Adolescence as a subculture. The philosophy and practice of the adjudication process for juveniles as well as treatment procedures.

Prerequisite: SOC 101

SOCW 326

Domestic Violence Prevention

Three Credits LA

This course is dual listed with SOC326.

See SOCW 326 for course description.

SOC 336

Social Inequality

Three Credits LA

This course investigates those processes whereby members of society are placed into higher and lower status based on differential access to wealth, power, and prestige. Emphasis is on the historic and contemporary institutional organization and reproduction of social inequality according to social class, gender, ethnicity, age, and perceived handicap in America within the global context of the modern world system. Functionalist, conflict, and interval explanations of these processes are fully considered. The integration of theories of social inequality with direct experience through the classroom simulation of the social-class structure in American society is a major dimension of the course. Opportunities for involvement aimed at lessening social inequality in community-based sites are also available.

SOC 341

Social Change

Three Credits LA

This course reviews the history and sociology of social inequality in America within the global context of the modern world system. But its major emphasis is on how political, economic, and technological processes transform the family, religion, and individual character, as well as on forms of collective and individual resistance to such transformations. The nature of historic and contemporary social movements such as the labor movement, the civil rights movement, the women's movement, and the "new right" as collectively organized activity that encourages or discourages social change are prominently considered. Students form "social change groups" in an identified campus or community-based site. Course content is enriched by a concurrent field education experience.

Prerequisites: SOC 101, SOC 336; priority to Social Work majors

SOC 342

Sociology of Community

Three Credits LA

The basic nature of the human community in its ecological, cultural, and political aspects. The folk, rural, and urban community considered from the standpoint of structure, function, social change, and the problems arising therefrom.

Prerequisite: SOC 101

SOC 343

Sociology of Education

Three Credits LA

An analysis of the role of education in social organization, social change, and social control. The sociological perspectives in the history of education and social change in the schools. Role conflicts in the schools, social-class influence on the school system, bureaucracy in education, and the school in its power environment.

Prerequisite: SOC 101

SOC 348

Popular Culture

Three Credits LA

This course explores diverse forms of contemporary American popular culture through rigorous reflection on the sociological, psychological, political, and economic dimensions of popular culture relative to individual biographies, gender, social class, ethnic, and peer-group subcultures. Main areas of study include film, music, TV, and advertising viewed as a "culture industry." Major schools of thought on popular culture including the mainstream, conservative, postmodern, and critical standpoints are introduced. The critical standpoint centrally informs the course by viewing popular culture in the context of creating a more compassionate and just society.

Prerequisites: SOC 101 or permission of Instructor

SOC 392-393

Special Topics in Sociology I–II

Three Credits each LA

"Special topics" courses serve as a vehicle by which a department may offer a topical or thematic study not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes.

Prerequisites: SOC 101 and permission of Dean

SOC 440

Social Theory

Three Credits LA

Study of the major schools and theorists in sociology today. Focus on such schools as functionalism, symbolic interactionism, the conflict school, exchange theory, and social action theory; and on such theorists as Parsons, Merton, Marx, Homans, Gouldner, Blau, Dahrendorf, Coser, and Durkheim. The course explores congruence in theory and possible directions of future theory.

Prerequisites: SOC 101 and an upper-level Sociology course; priority to Social Work majors

SOC 450

Qualitative Social Research Methods

Three Credits LA

This course introduces qualitative research methods in the context of students' carrying out a field study to the point of a working document. Issues of access to community settings, subject selection, participant observation, interviewing, use of personal documents, research ethics, recording and analysis of data, as well as how we know the social world, are fully considered. Critical ethnography, a new field method focused on the relationship between social institutional constraints and human agency, is also introduced.

Prerequisite: SOC 101

SOC 480

Social Research Methods

Three Credits LA

This course introduces the student to the application of scientific methods to uncover the regularities in social reality. The objective is to have students carry out their own research designs. Topics include: hypothesis formation; model building; causation; reliability and validity constraints; experimental protocols; interview techniques; survey data collection, including defining a probability sample; preparing scales; and data analysis. Employment of basic descriptive statistics, measures of dispersion, and correlation.

Prerequisites: SOC 101, SOC 440; MATH 130 is recommended; priority to Social Work majors

SPANISH

SPAN 101-102

Elementary Spanish I–II

Three Credits each LA

Emphasis is placed on the acquisition of the fundamental skills of understanding, speaking, reading, and writing. Through the language study, the student is introduced to the various Hispanic cultures. For students who have had very little or no study of Spanish. Closed to heritage speakers of Spanish. Offered every year.

SPAN 105-106

Intermediate Spanish I–II

Three Credits each LA

A continuation of the elementary course. The basic language skills are pursued more intensely and more thoroughly. A better understanding of the various Hispanic cultures continues. Closed to heritage speakers of Spanish. Offered every year.

Prerequisite: Three years of high school Spanish

SPAN 150

Cultures of Spain

Three Credits LA

Dual listed as CSSP 150

A study of Spain past and present: its culture, history, literature, and/or fine arts. The course is offered in English and requires no knowledge of Spanish. Offered when there is sufficient student interest.

SPAN 152

Cultures of Latin America

Three Credits LA

Dual listed as CSSP 152

A study of the culture, history, literature, and/or fine arts of Latin American countries: Mexico, Central America, the Caribbean, and South America. The course is offered in English and requires no knowledge of Spanish. Offered when there is sufficient student interest.

SPAN 153

Cultures of the Hispanic Caribbean

Three Credits LA

Dual listed as CSSP 153

A study of the culture, history, literature, and/or fine arts of the Hispanic Caribbean – specifically, Puerto Rico, Cuba, and the Dominican Republic. The course is offered in English and requires no knowledge of Spanish. Offered when there is sufficient student interest.

SPAN 154

Cultures of Hispanics in the United States

Three Credits LA

Dual listed as CSSP 154

A study of the diverse cultures, history, literature, and/or fine arts of Spanish-speaking communities in the United States, with an emphasis on Central Americans, Cubans, Dominicans, Mexicans, and Puerto Ricans. The course is offered in English and requires no knowledge of Spanish. Offered when there is sufficient student interest.

SPAN 201

Spanish: Communicating in the Spanish-Speaking World

Three Credits each LA

Extensive use of oral and written Spanish to broaden the students' linguistic and cultural proficiency. Closed to heritage speakers of Spanish. Offered every year.

Prerequisite: A four- or five-year secondary school background in Spanish or completion of college intermediate-level Spanish.

SPAN 202

Spanish: Fiction and Expression

Three Credits each LA

Extensive use of Spanish in reading and writing about a variety of texts to broaden the students' linguistic and literary proficiency. Closed to heritage speakers of Spanish. Offered every year.

Prerequisite: A four- or five-year secondary school background in Spanish or completion of college intermediate-level Spanish.

SPAN 210-211

Spanish for Heritage Speakers I–II

Three Credits each LA

Intensive training in the reading and writing of Spanish designed for students who have acquired the language in a home or community environment. Special attention will also be given to developing oral proficiency in standard Spanish. No prior formal study of Spanish is needed to take these courses. They are required for heritage speakers who wish to complete a major/minor in Spanish. A waiver will be granted to heritage speakers of Spanish who have advanced proficiency in the language. Offered every year.

SPAN 220

Latin American Literature in Translation

Three Credits LA

Dual listed as ENG 264

A brief introduction to the origin and development of Latin American Literature followed by a selective study of the major 20th- and 21st-century writers. Offered when there is sufficient student interest.

SPAN 222

Spanish Literature in Translation: The Novel

Three Credits LA

Dual listed as ENG 261

A study of the Spanish Picaresque Novel, the works of Cervantes, and representative works of the 19th and 20th centuries. Offered when there is sufficient student interest.

SPAN 250

Cultures of Spain

Three Credits LA

The cultural development of Spain through the study of its history, geography, literature, and fine arts. Taught in Spanish. Offered every fall.

Prerequisite: Sufficient background in Spanish

SPAN 260

Cultures of Latin America

Three Credits LA

The cultural development of Latin America through the study of its history, geography, literature, and fine arts. Taught in Spanish. Offered every spring.

Prerequisite: Sufficient background in Spanish

SPAN 270

Cultures of Hispanics in the United States

Three Credits LA

Spanish speakers are the fastest-growing minority in the United States. This course will study their presence in the United States as seen in the Mexican-Americans, Puerto Ricans, Cubans, Dominicans, and other Latino groups and the interaction between these groups and mainstream society. Taught in Spanish. Closed to students who have taken SPAN/CSSP 154.

SPAN 281-282

Spanish Conversation and Culture I & II

Three Credits each LA

Emphasis is placed on developing conversational ability and a better understanding of the cultures of Spanish-speaking countries. Other language skills are also given attention. Closed to heritage speakers of Spanish. Offered every year.

Prerequisite: A strong secondary school background or completion of intermediate-level Spanish courses

SPAN 300

Spanish Study Tour

Three Credits LA

An inter-semester or summer travel-study course in a Spanish-speaking country. Formal and informal language and culture classes will be given during the trip. Offered when there is sufficient student interest.

Prerequisite: Intermediate-level Spanish background

SPAN 301

Spain Today

Three Credits LA

Living and studying in Spain, this orientation includes intensive language sessions as well as study tours on Spain's history, architecture, art, and contemporary political issues. Offered every semester.

Prerequisite: Admittance into the Marist Abroad Program

SPAN 305-306

Advanced Intensive Spanish I–II

Three Credits each LA

An intensive advanced course designed for Spanish majors, minors, and students with sufficient background in Spanish. This course will be beneficial to students preparing to study in a Spanish-speaking country. Advanced conversation and composition will be stressed, and at the same time the student will be exposed to Spanish and Latin American culture and civilization. Offered when there is sufficient student interest.

Prerequisite: A strong secondary-school or intermediate-level Spanish background

SPAN 312

Professional Spanish

Three Credits LA

Designed for bilingual students with some formal training in Spanish and advanced non-heritage speakers, this course stresses improvement of reading, writing, and oral skills in Spanish for formal use. Written assignments are based on excerpts from various literary works. Attention will be given to various forms of official writing styles (e.g., business letter, advertising, journalism, radio and television), translation techniques, and to the research and writing of academic essays. Offered when there is sufficient interest.

SPAN 315

The Experience of Hispanic Literature

Three Credits LA

The suggested first literature course for Spanish majors and the recommended literature course for Spanish minors. An overview of the origins and development of the literatures of Spain and Hispanic America to the present time that will include a general introductory study of poetry, drama, the short story, and the novel. Offered every semester.

Prerequisite: Upper-level Spanish-language course or sufficient background in Spanish

SPAN 325

Spanish in a Digital Age

Three Credits LA

In the age of the Internet and the global economy, the concept of human communication is rapidly changing. In this course, students will practice communicating in another language for the 21st century and explore the changing landscapes in which we will learn and work. Reading, writing, and speaking skills will be polished as students build knowledge of the target culture through research, discussion and projects using the latest technology. Taught every year in Spanish.

Prerequisite: Sufficient background in Spanish.

SPAN 330

Themes in Spanish Cinema

Three Credits LA

Dual listed as CSSP 330

An introduction to the major directors, themes, and movements in Spanish Cinema.

SPAN 335

Themes in Latin American Cinema

Three Credits LA

Dual listed as CSSP 335

An exploration of major themes, movements, and directors in Latin American Cinema. Offered when there is sufficient student interest.

SPAN 360-361

Spanish Composition and Conversation I–II

Three Credits each LA

Designed particularly for non-native Spanish majors or minors who wish to perfect their Spanish skills, these courses offer intense spoken and written practice. Topics will center on the culture, history, literature, films, and current events of the Spanish-speaking world. Closed to heritage speakers of Spanish. SPAN 360 is offered every year and SPAN 361 is offered when there is sufficient student interest.

SPAN 370

Latin American Women Writers

Three Credits LA

Discussion and analysis of representative works by 20th- and 21st-century women writers from the Caribbean, Mexico, and Central and South America. Readings will provide a panoramic view of the themes, sensibilities, and artistic imaginations of Latin American women as well as the historical and cultural frameworks from which they write. Offered when there is sufficient student interest.

Prerequisite: Upper-level Spanish-language course or sufficient background in Spanish

SPAN 392-393

Special Topics in Spanish I–II

Three Credits each LA

“Special Topics” courses serve as a vehicle by which a division may offer a focus not included in the regular course offerings. The specific content is indicated when the course is listed in the schedule of classes. Offered every semester.

Prerequisite: Permission of Chairperson

SPAN 394-395-396

Internship in Spanish

One–Two–Three Credits

Qualifying students engage in work experience with various companies or agencies. Work performed, assigned readings, and a seminar project for three or more credits constitute the basis of the experience. Number of credits is determined beforehand by mutual consent. The internship should generally complement the student's minor. Offered every semester, intersession, and summer.

Prerequisite: Permission of Chairperson

SPAN 410-411

Spanish Composition I–II

Three Credits each LA

Designed particularly for Spanish majors, minors, and bilingual students who wish to perfect their written Spanish, this course offers intense written practice in Spanish. Offered when there is sufficient student interest.

Prerequisite: Sufficient background in Spanish

SPAN 412-413

Advanced Conversational Spanish I–II

Three Credits each LA

Designed particularly for Spanish majors, minors, and bilingual students, the topics of conversation will center around the culture, history, and literature of the Hispanic world. Offered when there is sufficient student interest.

Prerequisite: Sufficient background in Spanish

SPAN 415

Spanish Translation Techniques

Three Credits LA

In our modern global environment, the ability to communicate accurately across linguistic barriers has become a necessity. Translating from one language to another is a precise skill. In this course the process of translation is discussed from initial inquiry to delivery of the finished product. The course focuses on the development of translator's skills and integrates authentic foreign-language use as students participate in initial exercises, gain experience with translator's texts, and finally prepare translations of varied material. When available, the course will associate with the International Politics course and become part of the ICONS Project of the University of Maryland. This project is a world-wide, multi-institution, computer-assisted simulation network that introduces students to the world of high-powered international negotiations. Students in the course would function as official translators of incoming-outgoing messages in Spanish/English which are received/sent by students in the International Politics course.

SPAN 420

Medieval Spanish Literature

Three Credits LA

From the earliest works of Spanish literature up to the literature of the Renaissance period. Offered when there is sufficient student interest.

Prerequisite: Upper-level Spanish-language courses or sufficient background in Spanish

SPAN 421

Spanish Literature of the 18th and 19th Centuries

Three Credits LA

An exploration of Neo-classicism, Romanticism, Realism through representative texts of the 18th and 19th centuries. Offered when there is sufficient student interest.

Prerequisite: Upper-level Spanish-language courses or sufficient background in Spanish

SPAN 422

Contemporary Spanish Literature

Three Credits LA

The generation of 1898 to the present, with emphasis on the post-civil-war novel. Offered when there is sufficient student interest.

Prerequisite: Upper-level Spanish-language courses or sufficient background in Spanish

SPAN 424

Cervantes

Three Credits LA

The life and writings of Cervantes with a detailed study of the Quixote. Offered when there is sufficient student interest.

Prerequisite: Upper-level Spanish-language courses or sufficient background in Spanish

SPAN 425

Literature of the Golden Age

Three Credits LA

A study of the outstanding writers of the Golden Age period. Offered when there is sufficient student interest.

Prerequisite: Upper-level Spanish-language courses or sufficient background in Spanish

SPAN 430-431

Spanish American Literature I–II

Three Credits each LA

A survey of the major trends in the literature of Hispanic America. Extensive reading and analysis of representative works. SPAN 431 covers the contemporary literature. Offered when there is sufficient student interest.

Prerequisite: Upper-level Spanish-language courses or sufficient background in Spanish

SPAN 433

Literature of the Hispanic Caribbean

Three Credits LA

An analysis and discussion of novels, plays, short stories, and poetry from the 20th- and 21st-century Caribbean including Cuba, the Dominican Republic, and Puerto Rico and their Diaspora. Readings will provide insights related to historical and cultural frameworks that have spawned this literature. Students will learn about overall unifying characteristics of Caribbean literature as well as the distinguishing features of each island as "nation." Offered every three years.

Prerequisite: Upper-level Spanish-language courses or sufficient background in Spanish

SPAN 477

Capping Course

Three Credits LA

A capping course is required for all senior Spanish majors. It will integrate cultural, literary, and theoretical approaches using either Spanish-American literature or Spanish literature. A major paper is required. Each student makes an oral presentation of the paper at a departmental seminar

SPAN 480

Seminar

Three Credits LA

Intensive study of one movement, author, or literary characteristic. Offered when there is sufficient student interest.

Prerequisite: Completion of most of the major field requirements

SPAN 493-494-495

Advanced Internship in Spanish

Nine, Twelve, or Fifteen Credits

Students who have distinguished themselves in Spanish may apply for this internship requiring habitual use of Spanish. Completion of major requirements, course prerequisites, departmental screening, and acceptance by the company or agency are necessary for participation. Work performed, assigned readings, and a seminar project constitute the basis of the experience. The student submits weekly reports, is periodically visited by a faculty coordinator, and is evaluated at the end of the internship by the sponsoring supervisor. Students may be placed at home or abroad. Number of credits is determined beforehand by mutual agreement. Offered every semester and summer.

Prerequisites: Senior with Spanish major or minor; permission of Chairperson

WOMEN'S STUDIES

WMST 130

Introduction to Women's Studies

Three Credits LA

Dual listed as HIST 130

See HIST 130 for course description.

WMST 385

Gender and Media

Three Credits LA

Dual listed as MDIA 335

See MDIA 335 for course description.