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 203 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 semester.  
*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

(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 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 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.

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
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.
Prerequisite: ART 101 or permission of instructor

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
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 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 430**

**3D Modeling and Animation**

*Three Credits LA*

Dual Listed as MDIA 430

This class is an introduction to the field of 3-dimensional modeling and animation used for the Web, video and multimedia programs, 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 architecture of movement and the conception and the creation of animated forms, this course will introduce students to the principles of object-oriented programming, complex 3D modeling (freeform surfaces), animation, and physical simulation techniques, as well as some basic object-oriented programming. Offered every semester.

*Prerequisite:* ART 235

**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 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 rituals.  
(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.
This course covers the principles of therapeutic exercise prescription for the
Three credits
Therapeutic Interventions in Athletic Training
ATHT 305
Prerequisite: ATHT 304, HLTH 300
The use of rehabilitation equipment and exercises associated with rehabilitation in
athletic injuries. The student will also use evaluation devices such as a
One Credit – laboratory
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
Prerequisites: BIOL 201 & BIOL 202
ATHT 309
Therapeutic Interventions in Athletic Training
Two Credit – lecture
One Credit – laboratory
This course covers the principles of therapeutic exercise prescription for the
Prerequisite: ATHT 306
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
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
Prerequisites: ATHT 205, BIOL 201 & 202
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
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

ATH 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.

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

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

ATH 305
Therapeutic Interventions in Athletic Training
Three credits
This course covers the principles of therapeutic exercise prescription for the
injured athlete or physically active person. Therapeutic interventions covered
include range of motion exercises, joint mobilization during exercise, manual
therapy, balance and proprioceptive training, core strengthening and therapeutic
taping and bracing.
Prerequisite: ATH 304, HLTH 300
ATH 306
Therapeutic Exercise in Athletic Training
Two Credits – lecture
One Credit – laboratory
Prerequisites: ATH 304, HLTH 300

ATH 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
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

ATH 309
Therapeutic Interventions in Athletic Training
Two Credit – lecture
One Credit – laboratory
This course covers the principles of therapeutic exercise prescription for the
injured athlete or physically active person. Therapeutic interventions covered
include range of motion exercises, joint mobilization during exercise, manual
therapy, balance and proprioceptive training, core strengthening and therapeutic
taping and bracing.
Prerequisite: ATH 306

ATH 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: ATH 205, BIOL 201 & 202

ATH 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: ATH 205, BIOL 201 & 202

190 Course Descriptions
Advanced Concepts in Athletic Training
Three Credits – lecture
Detailed coverage of advanced athletic injury evaluation techniques (head and neck injuries; spine board extraction; head and face injury; unconscious athlete; etc). 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 104 and acceptance into the professional phase of the Athletic Training Education Program, or permission of Program Director.

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.

Practicum in Athletic Training I–V1
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.

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. Ideas of learning theory, learning styles, and instructional strategies will be presented. The evolving role of athletic training in the United States health-care system will be discussed.
Prerequisite: ATHT 104 and acceptance into the professional phase of the Athletic Training Education Program, or permission of Program Director.

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 require completion of a research project.
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.

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 fall.
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.
Prerequisites: BIOL 130-131 and CHEM 131-132, 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

Course Descriptions 191
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.*

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.*

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.*

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 131-132 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 131-132 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, immunosassay, immunopathology, autoimmunity, transplant and cancer immunology. *Three-hour lecture per week.* Typically offered every spring.  
**Prerequisites:** CHEM 131-132 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 131-132 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 131-132 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 131-132 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  
**Comparative 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 131-132 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 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.

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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 131-132 or equivalent and a grade of C or higher in BIOL 130 and 131.

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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 131-132 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.

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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 phytocrome. 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 131-132 or equivalent and a grade of C or higher in BIOL 130 and 131, and junior/senior status, or permission of instructor.

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BIOL 440  
**Vertebrate 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 131-132 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.

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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 BIOL 201-202, and grade of C or higher in BIOL 130 and 131, and junior/senior status, or permission of instructor.

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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 and a minimum of seven BIOL credits at the 300-400 level.

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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 day class 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.

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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.

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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 131-132 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. Preerequisite: 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. Preerequisite: 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 Lab**

*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
CHEM 131
General Chemistry I: Introduction to Inorganic Chemistry
Four 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 laboratory course demonstrates the lecture material and emphasizes laboratory technique, data treatment, and report writing. Two lectures, one recitation, and one three-hour laboratory per week.

CHEM 132
General Chemistry II: Introduction to Physical Chemistry
Four 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 laboratory emphasizes application of theoretical concepts to hands-on discovery. Two lectures, one recitation, and one three-hour laboratory per week.
Prerequisite: CHEM 131

CHEM 201
Introduction to 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 131-132

CHEM 202
Introductory Organic Chemistry Laboratory
One Credit
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 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 131 and CHEM 132; 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 309
Environmental Chemistry Laboratory
One Credit LA
Dual listed as ENSC 309
See ENSC 309 for course description.

CHEM 310
Environmental Chemistry
Three Credits LA
Dual listed as ENSC 310
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 131-132

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 131-132, PHYS 211-212, or permission of instructor
Pre- or Corequisite: MATH 242

CHEM 362
Quantum and 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 131-132 and 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 376
Research Methods in Chemistry I
Four Credits LA
This course serves as a formal introduction to the tools of chemical research and is aimed at students in the spring semester of their junior year. The material will cover the correct procedure for maintaining a laboratory notebook, experimental design, statistical treatment of results, methods for performing literature searches, critical review of literature, as well as various scientific writing and communication skills. The course also includes a project component which will serve as the basis for many of the assignments. The project must include a significant analytical chemistry component or the agreement of a faculty member to act as an advisor. Two lectures plus one three-hour laboratory per week.
Prerequisites: CHEM 355, CHEM 212, and CHEM 216

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 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 423
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 biochemical 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 Lab
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 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 376. 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 376

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

SCI 477
Science, Medicine & Ethics
Three Credits LA
The course addresses the moral implications of some of the recent advances in science and medicine. Major ethical approaches to making responsible decisions are explained by the case-study method.
Prerequisites: PHIL 200 and senior status, or permission of instructor

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 Presentations**  
*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, nature, 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 110**  
**Principles of Advertising**  
*Three Credits LA*  
The function of advertising and its communication role in contemporary society. Emphasis is placed on the interlock between strategic planning and creative tactics used by national advertisers and their agencies, employing national and regional media vehicles. Current information and materials from agency and media sources are studied in gedcomographic and psychographic contexts. Offered in fall and spring.  
Prerequisites: ENG 117, sophomore standing

**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 210**  
**Writing for Advertising**  
*Three Credits LA*  
Developing strategic and copywriting skills for national brands, principally in print media. Emphasis is placed on the systematic preparation of background information and materials to facilitate conceptual thinking and creative problem solving. Students learn techniques for idea generation, critiquing, and formal presentation. Offered in fall and spring.  
Prerequisite: COM 110

**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 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, 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 on 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, 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 310
The Broadcast Commercial
Three Credits LA
Development of radio and television scripts and storyboards for advertising commercials. Research data and information for assignments provided by national TV and radio industry sources. Practice in using accepted commercial formats and preparation of concepts to national broadcast standards. Student teams prepare complete television/radio campaigns for national brands. Offered in fall and spring.

Prerequisites: COM 110, COM 210

COM 311
Retail Advertising and Promotion
Three Credits LA
Organizing, planning, and executing advertising for the special needs of retail, local, and small-business advertisers. The difference between such advertising and national branded-products promotion is emphasized. Three levels are examined: identity/"image," item-price promotion, and use of "events" to reach new audiences and build traffic. Students prepare prototype campaigns for real merchandising categories. Offered in fall and spring.

Prerequisites: COM 110, COM 210

COM 312
Direct-Response Advertising
Three Credits LA
Planning strategy and tactics, and developing copy and visual concepts to promote direct sales of consumer and industrial products using print, broadcast, mail, and telemarketing media. Execution of campaigns for real products in entrepreneurial frame. Computerized analysis of database information for targeting. Offered in fall and spring.

Prerequisites: COM 110, COM 210

COM 313
Media Planning
Three Credits LA
Media Planning is the bridge between advertising and product/service marketing. It operates with both marketing and audience data. It is the job of the media planner to marry the data sets so that the placement of the advertising messages best satisfies the marketing objectives. There are many components in this process: budget allocation, audience, consumer profiles, sales geography, popular culture, and media economics. Offered in fall.

Prerequisite: COM 110 or permission of instructor

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, 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, sophomore standing

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, sophomore standing

COM 328
Magazine Layout and Design
Three Credits LA
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, sophomore standing

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, sophomore standing

COM 332
Producing the Newscast
Three Credits LA
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, 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 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, 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
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

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

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

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, sophomore standing

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

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

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

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, COM 310

Business-to-Business Advertising
Three Credits LA
The course is designed to teach students to understand why proven advertising techniques that work in consumer markets are difficult to apply in business-to-business advertising. The question is raised and answered: “What drives decision making in organizations?” An analysis of business-to-business markets is explored with respect to potentially profitable segments and position products. Studies are performed of the consistency of selected corporations, advertising objectives, and corporate goals. Attention is also paid to the effects of three components of business-to-business advertising: campaign/money, media, and message. Offered as and when necessary.
Prerequisites: COM 110, COM 210

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, COM 210

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 spring.  
*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 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, 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, 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, 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, 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, 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. 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.
*Prerequisite: 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 LA*
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 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
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 LA
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 312
UNIX
Four Credits LA
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
Three Credits LA
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, multiprocessing, 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 also included. 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 LA
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 LA
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 LA
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 LA
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 LA
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 LA*

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 will have experienced 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 LA*

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 NOC programming language.  
*Prerequisite: CMPT 221*

CMPT 414  
**Game Design and Programming I**  
*Four Credits LA*

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 LA*

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*

CMPT 420  
**Internet Security**  
*Four Credits LA*

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 LA*

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 LA*

The goal of this 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 LA*

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 LA*

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, business process monitoring and the new and exciting field of data and information quality.  
*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 LA*
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 Oh 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:** CMPT 221, MATH 205

CMPT 440
**Formal Languages and Computability**  
*Four 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 LA*
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

CMPT 451N
**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.

CMPT 452
**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 LA*
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 z/Linux on System z.  
**Prerequisite:** CMPT 315

CMPT 454N
**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.

CMPT 455N
**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 LA*  
This course covers concepts and tools that aid managerial decision making by applying analytic reasoning and computer-based tools to managerial problems. The course focuses on model driven decision-making techniques (commonly referred to as management science) and data driven techniques (currently described as business intelligence).  
**Prerequisites:** MATH 130, CMPT 308

**CMPT 465**  
**Advanced Topics in CS**  
*Three Credits LA*  
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**  
*Three Credits LA*  
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**  
*Four Credits LA*  
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 LA*  
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 LA*  
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 LA*  
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 LA*  
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 LA*  
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
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 105
Criminal Justice Information Literacy
One Credit LA
This seminar is a mixture of theoretical and “hands-on” instruction in the approaches and techniques of finding, using, managing, and evaluating criminal justice information. This course will include an introduction to APA format.

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 223
Juvenile Delinquency
Three Credits LA
The course is intended to be a survey of the possible causes of juvenile criminality. Included in this discussion are the evolution of the term juvenile delinquent and major theories aimed at explaining juvenile delinquency. The various attempts at prevention and control of juvenile criminality as well as current research and policy will also be examined.

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
Three Credits LA
This course explores the history of corrections and the various methods of dealing with those convicted offenders who are incarcerated.

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 250
Introduction to United States Courts
Three Credits LA
This course examines the American Court system including the federal, state, and local court systems and the role of prosecutor, defense attorney, and judge.

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 303
Criminal Law
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 304
Criminal Procedure
Three Credits LA
Analysis of the procedural steps through the criminal justice system from investigation through incarceration/release. Primary focus will be on the 4th, 5th, 6th, 8th, and 14th Amendments to the U.S. Constitution, including their historical development and their effect on current criminal procedure. Students will review selected cases which affect criminal procedure law.
Prerequisite: CRJU 101

CRJU 305
Juvenile Justice System
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.

Prerequisite: CRJU 101, CRJU 202

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
Corequisite: Junior status

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 375
Program Planning and Evaluation
Three Credits LA
This course will discuss and analyze methods of evaluating diverse programs and policy in the criminal justice arena.
Prerequisite: CRJU 374

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.
Prerequisites: CRJU 370; Criminal Justice majors with senior standing

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; CRJU 440; 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.

CSAR 150
Arabic Cultures and Perspectives
Three Credits LA
Dual listed as ARAB 150
See ARAB 150 for course description.

CSCU 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

CSCU 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
CSCU 103
Introduction to Global Issues
Three Credits LA
Dual listed as GBST 103 & POSC 103
See GBST 103 for course description.

CSFR 167
France & the World
Three Credits LA
Dual Listed as FREN 167
See FREN 167 for course description.

CSFR 250
French Culture & Thought: Problems & Perspectives
Three Credits LA
Dual Listed as FREN 250
See FREN 250 for course description.
Taught in French.

CSFR 251
Contemporary France
Three Credits LA
Dual Listed as FREN 251
See FREN 251 for course description.
Taught in French.

CSFR 305
Studies in French Film and Literature
Three Credits LA
Dual Listed as FREN 305
See FREN 305 for course description.
Taught in English.

CSIT 250
The Civilization of Italy
Three Credits LA
Dual Listed as ITAL 250
See ITAL 250 for course description.

CSJP 120
The Civilization of Japan
Three Credits LA
Dual Listed as JPN 120
See JPN 120 for course description.
Taught in English.

CSSP 150
Cultures of Spain
Three Credits LA
Dual listed as SPAN 150
See SPAN 150 for course description.

CSSP 152
Cultures of Latin America
Three Credits LA
Dual listed as SPAN 152
See SPAN 152 for course description.

CSSP 153
Cultures of the Hispanic Caribbean
Three Credits LA
Dual listed as SPAN 153
See SPAN 153 for course description.

CSSP 154
Cultures of Hispanics in the United States
Three Credits LA
Dual listed as SPAN 154
See SPAN 154 for course description.

CSSP 330
Themes in Spanish Cinema
Three Credits LA
Dual listed as SPAN 330
See SPAN 330 for course description.

CSSP 335
Themes in Latin American Cinema
Three Credits LA
Dual listed as SPAN 335
See SPAN 335 for course description.

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
eyear 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 103
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 104
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.
Prerequisites: 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 the 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
Public Finance
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 Breton 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 091
Fieldwork in Education
No Credit
Participation in the teaching-learning process in a school or other educational setting. This is a required exploratory experience for candidates who are enrolled in the childhood education program and a prerequisite for admission to PsychoEd Assessment of Educational Handicaps and the 200-level methods courses. Fieldwork required.

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 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 241
Mathematics for Elementary Teaching: Content and Methodology for General and Special Education
Three Credits
The purpose of this course is to develop the candidate’s competency to teach mathematics 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 as they relate to the sequential nature of mathematics and to cognitive development. Special emphasis is placed on diagnostic and remedial skills drawn from a broad psychological and theoretical base. Candidates have the opportunity to plan, implement, and assess their mathematics teaching in appropriate classroom settings through the required fieldwork. Open only to enrollees in the Childhood Education/Students with Disabilities 1-6 Program.
Prerequisites: PSYC 207, PSYC 208, PSYC 317

EDUC 242
Science for Elementary Teaching: Content and Methodology for General and Special Education
Three Credits
The purpose of this course is to develop the candidate’s competency to teach science 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 an inquiry approach, encouraging candidates’ active involvement with the concepts of science utilizing everyday materials. Candidates have the opportunity to plan, implement, and assess their science teaching in appropriate classroom settings through the required fieldwork. Open only to enrollees in the Childhood Education/Students with Disabilities 1-6 Program.
Prerequisites: PSYC 207, PSYC 208, PSYC 317

EDUC 243
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 244
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

Course Descriptions 213
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, Learning and the Arts in the Social Studies Curriculum  
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.  
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 or EDUC 372

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 or EDUC 372

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 Teaching 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.
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 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 to do well in Writing for 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 students to professional writing genres, such as memos, letters, reports, presentations, and websites; to professional writing style; and to research approaches and methods useful for professional writers. The course will focus in particular on equipping students with strategies to edit and revise their work to meet the standards of professional communication. Given the nature of professional writing, the course will involve both individual and collaborative work. Offered every year.

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 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 Rossettis. 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, Odes, 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, including 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 20th 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,Chesnutt, Chapin,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, expatriatism. Writers to be studied typically include such writers as 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.)

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, 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 381  
**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 382  
**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 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 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.
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 309
Environmental Chemistry Laboratory
One Credit LA
Dual listed as CHEM 309
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 131, CHEM 132, and CHEM 202 or CHEM 215-216
Corequisite: ENSC 310

ENSC 310
Environmental Chemistry
Three Credits LA
Dual listed as CHEM 310
This course includes detailed coverage of water, soil, and air environments. It is designed to provide the student with an understanding of the reactions, transport, and effects of naturally occurring chemical systems. The major anthropogenic pollutants and their effects upon the environment will also be studied.
Prerequisites: CHEM 131, CHEM 132, 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 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 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**

**The 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.

**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.

**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.

**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.

**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.

**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 Spring semester only.

**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.

**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 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 Fall semester only.  
Prerequisite: FASH 140 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).

FASH 231
Apparel Development II  
Three Credits  
This course is a continuation FASH 225. Advanced pattermaking 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.  
Prerequisite: FASH 225 with minimum grade of C

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 examines the role of the writer as she/he addresses a fashion-oriented audience in print and newly evolving on-line formats. Students pursue the development of a personal voice and style in today’s competitive marketplace via short and long writing formats as they apply to the fashion industry.

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 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 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.  
*Prerequisite:* FASH 261 with minimum grade of C

FASH 315  
**Fashionology: Retail Entrepreneurship**  
*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. Offered in Fall semester only.  
*Prerequisite:* FASH 100

FASH 318  
**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 100, FASH 200

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 335  
**Digital Fashion Design II**  
*Three Credits LA*  
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 with minimum grade of C

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.

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.  
*Prerequisite:* FASH 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 389  
**Fashionology Retail Laboratory**  
*One Credit*  
This student-operated boutique presents an entrepreneurial merchandising/retail store laboratory. Course includes store promotion, human resource management, buying, markup strategies, visual merchandising, and accounting duties associated with retail store operation. Spring semester only.  
*Prerequisite:* FASH 100

FASH 386, 387, 394, 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  
**Fashion 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.
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.

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 an industry based 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.

Prerequisites: FASH 245, FASH 345 with minimum grade of C

FASH 479
Fashion Design Capping II: Runway Collections I
Three Credits LA

Prerequisite: FASH 310 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 479 with minimum grade of C
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 each 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 writes a long paper on a subject agreed upon with the supervising professor. Double majors coordinate their chosen thesis topic with their second field of study.
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 interconnected 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 301
Global Studies Seminar
One Credit LA
This one-credit seminar is intended as a mini-capping class for Global Studies minors to synthesize and make sense of what they have learned in their courses and international experiences, and its relationship to their major. Students will be asked to present their findings orally in class and/or in the form of a research paper on an issue relevant to their major.

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.  
(Fulfills Core/LS Natural Science requirements.)

HLTH 300  
**Kinesiology**  
*Three Credits*  
An in-depth study of the human body as a machine for the performance of work. Encompasses biomechanics, musculoskeletal anatomy, and neuromuscular physiology.  
*Prerequisites:* BIOL 201-202 or equivalent

HLTH 301  
**Exercise Physiology**  
*Two Credits – lecture  
One Credit – laboratory*  
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

**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*  
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 229
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 230
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 231
History of Russia: To the Mid-19th Century
Three Credits LA
A survey of Russia's historical development from the establishment of Kiev R us 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 Krushchev’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 biennially.

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 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

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**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 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 Civic and Service Learning 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

LIBERAL 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 Liberal 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 Liberal 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 Liberal 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 Liberal 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 Liberal 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 Liberal Studies students only.
Prerequisites: Senior standing, ENG 120, INTD 105

INTD 496-497-498-499
Internship in Liberal Studies
One-two-three-six credits
The Liberal Studies Internship will provide adult students practical application of the learning outcomes of the Liberal 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 SGPP faculty/staff and internship site clearance. Weekly assignments in addition to internship work hours will be required. Offered fall and spring. Open to Liberal Studies majors only.
Prerequisites: Junior standing, INTD 105, minimum GPA of 3.0, and enrollment in CRDV 100.

ORGANIZATIONAL ADMINISTRATION 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 Liberal 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 Liberal 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 Liberal 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 Liberal 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 Liberal 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 Liberal 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 Liberal 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 Liberal Studies students only.*  
Co-requisites: 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 Liberal Studies students only.*  
Prerequisites: ORG 100, ORG 202, ORG 301, ORG 302  
Co-requisite: ORG 321

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 Liberal 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 Liberal 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 Liberal 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 Liberal 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 Liberal 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 Liberal Studies students only.*  
Prerequisite: ORG 321

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 (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
Contemporary Italian Literature
*Three Credits LA*
In this course a selection of contemporary Italian literary texts of the 20th and 21st centuries will be discussed and analyzed. 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 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. 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 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; queueing 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 and MATH 343, or permission of the instructor

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.  
*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

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; queuing; 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, CMPT 120

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 storyboard, 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, workshop, storyboard, 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 204
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 205
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, Kantian, utilitarianism, and Feminist. 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
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits LA</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDIA 323</td>
<td>Film and History</td>
<td>3</td>
<td>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. Prerequisite: HIST 101, junior standing, and one HIST or one MDIA or COM course.</td>
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<tr>
<td>MDIA 324</td>
<td>Experimental Film and Video</td>
<td>3</td>
<td>Offered as and when necessary.</td>
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<tr>
<td>MDIA 325</td>
<td>Documentary Film</td>
<td>3</td>
<td>Offered as and when necessary.</td>
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<tr>
<td>MDIA 326</td>
<td>Race and Ethnicity in Film</td>
<td>3</td>
<td>Offered as and when necessary.</td>
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<tr>
<td>MDIA 331</td>
<td>Current Issues in Television</td>
<td>3</td>
<td>Offered as and when necessary.</td>
</tr>
<tr>
<td>MDIA 332</td>
<td>Current Issues in Film</td>
<td>3</td>
<td>Offered as and when necessary.</td>
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<td>MDIA 333</td>
<td>Gender and Media</td>
<td>3</td>
<td>Offered as and when necessary.</td>
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<tr>
<td>MDIA 334</td>
<td>Film and Literature</td>
<td>3</td>
<td>Offered as and when necessary.</td>
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<tr>
<td>MDIA 335</td>
<td>Film Literature</td>
<td>3</td>
<td>Offered as and when necessary.</td>
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<tr>
<td>MDIA 336</td>
<td>Media Internship</td>
<td>3</td>
<td>Offered as and when necessary.</td>
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<tr>
<td>MDIA 337</td>
<td>Independent Research in Media Studies</td>
<td>3</td>
<td>Offered as and when necessary.</td>
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<tr>
<td>MDIA 338</td>
<td>Advanced Screenwriting</td>
<td>3</td>
<td>Offered as and when necessary.</td>
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</tbody>
</table>
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 430 3D Modeling and Animation Three Credits LA
Dual listed as ART 430
This class is an introduction to the field of 3-dimensional modeling and animation used for Internet pages, video and multimedia programs, 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 architecture of movement and the conception and the creation of animated forms, this course will introduce students to the principles of object-oriented modeling, complex 3D modeling (freeform surfaces), animation, and physical simulation techniques. Offered in fall and spring.

Prerequisite: Junior standing or senior standing

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. 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.
Prerequisite: 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/Immunohematology 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 morphologic 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-weeks 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 212 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 213 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. 
Prerequisite: Sophomore standing

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: MUS 251, MUS 252 or permission of the instructor

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

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

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 or arranged 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

248 Course Descriptions
**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 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 philosophic 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 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

PHIL 345
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.
PHED 101  
**Physiology of Health**  
*One Credit*

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 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 annually.

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.
Prerequisite: intergovernmental and non-governmental organizations that work to alleviate such.

Arguments for their protection. We will explore human rights violations, and the concept and theory of human rights and its counter, the Arab Charter 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.

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 110 or 112

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.

**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, POSC 111, and POSC 110

**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 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 course 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

**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 course 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 us 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 grants opportunities and procedures are other important outcomes sought in this course. Offered biennially.
Prerequisite: one 200-level class from any subfield

POSC 325
Political Economy: The Rise of the Asia-Pacific
Three Credits LA
This course explores the rise of the Asia-Pacific, a region that includes Japan, China, Korea, Taiwan, Malaysia, Indonesia, Thailand, Vietnam, and the Philippines. It uses a critically acclaimed video series, among other sources, to examine the history and politics behind the growth of the world's most dynamic economies, and the political, social, and environmental consequences of that growth. The course is interdisciplinary and is intended for political science, environmental science, history, economics, and business majors who are interested in Asia.

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
PSYC 101 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
This course is an introduction to the effects of the nervous system on human behavior. It emphasizes such topics as encoding, consolidation, storage, retrieval, and recognition. The course 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

Psychology of Interpersonal Communication

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

Social Psychology

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 sex roles; attitude formation and change; altruism and aggression; interpersonal attraction and love; and criminal justice will be discussed. In addition, various empirical research methods will be examined and applied to these topics. Offered every semester.

Prerequisite: PSYC 101

Community Psychology

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

Psychobiology and Lab

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

Psychological Testing

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, PSYC 350

Cognitive Neuroscience & Neuropsychology + Lab

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

Developmental Neuropsychology and Lab

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

Psychopharmacology and Lab

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

Neurobiology and Neuropsychology of Learning Disabilities and Lab

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

Ethics and Professional Issues

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 every semester.

Prerequisites: PSYC 101 and at least sophomore standing

Principles of Psychological Testing

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, PSYC 350

Human Factors Psychology

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, Lvinger, 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 the student to the nature of counseling and the role of the counselor as a helping professional. The student 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
Corequisite: Junior status

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, affect, 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 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/Service Learning: 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 student 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 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 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 generalized 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
Building on Senior Integrative Seminar I, 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; taken concurrently with SOCW 477-478

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

SOC 320
Public Praxis I
Dual listed as REST 320
See REST 320 for course description.
This course will fulfill requirements for the minor in Sociology or the minor in Public Praxis.

SOC 325
Public Praxis II
Dual listed as REST 325
See REST 325 for course description.
This course will fulfill requirements for the minor in Sociology or the minor in Public Praxis.

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.
Prerequisite: SOC 101; priority to Social Work majors

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 and 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, Gouyldner, 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.

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Course Descriptions 271
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 contemporary Spanish-
American literature or contemporary 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.