

# Courses of Instruction - Undergraduate

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## Course Descriptions

### AC Courses

**AC-151. Principles of Accounting I. 3.00 Credits.**

Fundamental principles of accounting for business entities; the reporting of financial information to users; basic considerations underlying financial and cost accounting data from a management point of view.

**AC-152. Principles of Accounting II. 3.00 Credits.**

Fundamental principles of accounting for business entities the reporting of financial information to users basic considerations underlying financial and cost accounting data from a management point of view. Prerequisites: AC-151.

**AC-157. Ms Excel for Accounting and Business Env. 3.00 Credits.**

Students will gain proficiency in Microsoft Excel for accounting and business environments. The course will cover understanding basic spreadsheet terminology and navigation including filters and sorts; basic and intermediate formulas such as Dsum, Vlookup, and Match; analytical tools such as PIVOT tables; and presentation skills such as formatting, graphs, and charts. This course will use a case study approach that will enable students to learn from sample client needs and constraints (for example, putting raw data into a format needed for client analysis). Upon completion of this course, students should have a strong proficiency in Excel that they can apply in a professional capacity.

**AC-285. NAAIA Insurance & Risk Case Competition. 3.00 Credits.**

This case competition is a multi-month project of team-building, research, written and quantitative analysis, and written and oral presentation of facts and analysis to substantiate a final mock client RPF proposal at the annual NAAIA Talent Competition. Students will work with one faculty mentor at Saint Peter's University and a three-person faculty mentor team from a corporate partner. Students will relationship-build with each other to form a cohesive and complementary team unit, work with the industry mentors to grow their understanding of the insurance industry and related topics that are included in the case study, and develop a comprehensive, tightly constructed written and oral presentation that responds holistically to the requirements of the case study challenge.

**AC-295. Credited Internships. 3.00 Credits.**

Students have the unique opportunity to earn academic credit through the Credited Internships Program at the Center for Career Engagement & Experiential Learning (CEEL). Internships can be paid or volunteer-related experiences. Course Type(s): Independent Study.

**AC-325. Forensic Accounting. 3.00 Credits.**

A basic practical understanding of forensic accounting as a management tool. Prerequisites: AC-152.

**AC-331. Intermediate Accounting Theory I. 3.00 Credits.**

Traditional financial accounting topics, including recent developments by the leading professional accounting organizations. Prerequisites: AC-152.

**AC-332. Intermediate Accounting Theory II. 3.00 Credits.**

Traditional financial accounting topics, including recent developments by the leading professional accounting organizations. Prerequisites: AC-331.

**AC-341. Advanced Accounting Theory. 3.00 Credits.**

Study of specialized subject areas rounding out the accounting knowledge required by the beginning career accountant. Prerequisites: AC-332.

**AC-443. Cost Accounting. 3.00 Credits.**

Study of cost accounting information systems and their importance as an essential management tool. Prerequisites: AC-332.

**AC-444. Auditing Principles. 3.00 Credits.**

Study of auditing standards associated with the examination of corporate accounts. Emphasis on audit objectives. Prerequisites: AC-332:.

**AC-455. Taxation. 3.00 Credits.**

Practical understanding of the Federal Income Tax Law including the basic principles of the Law and their practical application. Prerequisites: AC-152.

**AC-480. Integrated Accounting Capstone. 3.00 Credits.**

This course will provide a comprehensive, practical overview of the accounting curriculum, including Principles of Accounting I & II, Intermediate Accounting Theory I & II, Cost Accounting, Advanced Accounting Theory, Auditing Principles, and Financial Reporting. The course will be taught in part by introducing the student to case studies based on current real-world accounting issues. This methodology will allow the students to apply their knowledge of accounting to real-world scenarios, demonstrating competency in both their knowledge base and their ability to identify and solve accounting issues. Approval for this course must be obtained by the Accountancy faculty advisor. Possible additional nominal course fee required. Course Type(s): Capstone.

**AC-481. Tax Mobilization and Project Management. 3.00 Credits.**

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Update team calendar with key dates for quarter or year-end deliverables, client data collection for provision process, correspondence with Audit team, provision-related research and note-taking to prep for provision process.

**AC-482. Tax Compliance Deliverables. 3.00 Credits.**

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Prepare workpapers, tie-out tax section to draft 10-K or 10-Q, update data analytics, workflows, prep for audit of provision, prepare memorandum.

**AC-483. Tax Communication and Teaming. 3.00 Credits.**

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: During the tax compliance process, coordinate tasks with internal team members to monitor quality, give/receive feedback; demonstrate inclusive leadership, review it, and deliver it to the senior. Manage the flow of data and update applicable tools and technology to support the transfer of accurate and complete data from the data collection process to completed forms for compliance and review.

**AC-484. Quantitative Modeling. 3.00 Credits.**

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Prepare data visualizations for tax compliance projects to support review of returns by senior staff. Firm training for necessary technology software may be included.

**AC-485. Microsoft Excel in the Tax Env. 3.00 Credits.**

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Help with the retrieval and manipulation of tax data for client projects including trial balance mapping and M1 adjustments using Microsoft Excel to enable data analytics and data visualization. Assist on tax return provision and related forms processing.

**AC-486. Data Visualization in Tax Envi. 3.00 Credits.**

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Prepare tax return visualization; ensure utilization of smart review tools prior to providing to the senior/manager for review.

**AC-487. Data Analytics in Tax Environments. 3.00 Credits.**

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Prepare applicable workbooks (referencing final TB balances) and draft federal and international IRS forms (eg 1120, 8858, 5471) and prepare for review. Ensure all review comments are cleared; if there are issues to elevate to the senior, come with an informed suggestion.

**AC-488. Org. Leadership in Public Acc.. 3.00 Credits.**

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Develop a client service approach to tasks, including proposing new strategies to gain efficiencies or quality, taking initiative for process improvement around client or internal projects, and working collaboratively with multinational team members. Help facilitate dialog around complex challenges in the work environment and task management with internal teams and the client.

**AC-489. Corporate Strategy and Solutions. 3.00 Credits.**

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Develop an understanding of the corporate strategy around tax compliance and planning. Identify and assess the role of the CPA practitioner as a value-adding client-service provider for clients of various forms, e.g. corporations, partnerships, and individuals. Apply a professional mindset and approach to both internal teaming and client-service activities in support of the organization's strategic goals. Demonstrate professional skepticism and objectivity in tasks as you work with internal and external client stakeholders to support strategic outcomes.

**AC-495. Pathway to the CPA. 3.00 Credits.**

This course will provide an overview of the 4 parts of the CPA examination, Auditing & Attestation (AUD), Financial Accounting & Reporting (FAR), Regulation (REG) and Business Environment & Concepts (BEC). This course will provide an extensive review of the accounting and business knowledge base required to prepare for the FAR part of the CPA exam. This course will also provide an opportunity for the student to assess their CPA exam readiness through practice tests and practice task-based scenarios. Approval for this course must be obtained by the Accountancy faculty advisor.

**ACE Courses****ACE-101. ACE Dual. 0.00 Credits.**

ACE placeholder course for One Card.

**AN Courses****AN-100. Introduction to Asian Studies. 3.00 Credits.**

An introduction to the geography, history, and cultures of Asia, as well as to Asian studies as an academic discipline.

**AN-113. Elementary Mandarin Chinese I. 3.00 Credits.**

An introduction to the tones, pronunciation, characters and basic grammatical principles of Mandarin Chinese. Only for students with no previous Mandarin. Course Type(s): Arts/Language, Addl Humanities.

**AN-114. Elementary Mandarin Chinese II. 3.00 Credits.**

An introduction to the tones, pronunciation, characters and basic grammatical principles of Mandarin Chinese. Only for students with no previous Mandarin. Prerequisites: AN-113 OR JP-113 OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Addl Humanities.

**AN-117. Elementary Korean I. 3.00 Credits.**

An introduction to the alphabet, sounds, grammar, and vocabulary of Korean, as well as to the life and culture of the Korean people.

**AN-118. Elementary Arabic I. 3.00 Credits.**

An introduction to the pronunciation and basic grammatical principles of modern (Egyptian) Arabic.

**AN-119. Elementary Arabic II. 3.00 Credits.**

Continued practice in the pronunciation and basic grammatical principles of modern (Egyptian) Arabic. Prerequisites: AB-118 OR AN-118.

**AN-130. Elementary Japanese I. 3.00 Credits.**

An introduction to the basic language skills of speaking, reading, listening, and writing Japanese through a variety of media. Course Type(s): Arts/Language, Addl Humanities.

**AN-131. Elementary Japanese II. 3.00 Credits.**

An introduction to the basic language skills of speaking, reading, listening, and writing Japanese through a variety of media. Prerequisites: AN-130 OR JP-130 OR INSTRUCTOR APPROVAL.

**AN-134. Intermediate Japanese I. 3.00 Credits.**

Further practice to mastering the basic concepts of rudimentary communication in Japanese. Prerequisites: AN/JP-114 OR 2-3 YEARS H.S. JAPANESE OR INSTRUCTOR PERMISSION.

**AN-228. Asian Film. 3.00 Credits.**

This course introduces students to the history of Asian film industries and landmark films. They will look at the major films and film makers of Hong Kong, Japan, Taiwan and Korea, as well as the popularity of the anime phenomenon and Indian Bollywood films. Course Type(s): Pluralism.

**AN-270. History and Culture of Japan. 3.00 Credits.**

A survey of Japanese history from its origins to the present and examination of its culture, as expressed through its customs, art, music, film and food. Course Type(s): Pluralism.

**AN-320. Asian Philosophy. 3.00 Credits.**

An examination of the philosophies of India and China, including a text-based study of the Upanishads, the philosophy of Yoga, Buddhism, Confucianism and Taoism. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism.

**AN-325. Marco Polo & the Silk Road. 3.00 Credits.**

Exploration, through literature, art, film, and music, of Marco Polo's adventures along the Silk Road as he winds his way through Asia. This course may be taken EITHER for Core Modern Language OR for Pluralism, but NOT FOR BOTH. Course Type(s): Pluralism.

**AN-340. History & Culture of Thailand. 3.00 Credits.**

Study of the geography, history, culture, traditions, foods, and way of life of Thailand. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120.

**AN-353. K-Pop J-Pop & Boys Love. 3.00 Credits.**

Exploration of the cultural, economic, and political power of Asian popular culture as expressed in music, film, television, and literature. Course Type(s): Pluralism, Core curriculum course.

**AN-354. Sun Tzu and The Art of War. 3.00 Credits.**

Study of the life and times of Sun Tzu and his influential work on strategy, The Art of War.

**AN-355. Cinema of Japan. 3.00 Credits.**

Study of the development of Japanese cinema from origins to the present.

**AN-360. History and Culture of the Philippines. 3.00 Credits.**

A survey of Filipino history from its origins to the present and examination of its culture, as expressed through its customs, art, music, film, and food. Course Type(s): Pluralism.

**AN-362. China: People Culture & Society. 3.00 Credits.**

Study of the people and culture of China, both through their history and in the cultural traditions and daily practices of contemporary Chinese society. Course Type(s): International (Travel), Arts/Language.

**AN-363. History and Culture of China I. 3.00 Credits.**

Study of the language, traditions, history, and culture of China from its origins through the Ming dynasty.

**AN-364. History and Culture of China II. 3.00 Credits.**

Study of the language, traditions, history, and culture of China from the Qing dynasty to the present.

**AN-365. Understanding China-Chinese Through Film. 3.00 Credits.****AN-368. History and Culture of Korea. 3.00 Credits.**

Study of the language, traditions, history, and culture of Korea from its origins to the present. Course Type(s): Arts/Language, Addl Humanities.

**AN-400. Spanish Literature of the Philippines. 3.00 Credits.**

A survey of the literature of the Philippines written in Spanish, this course will explore the nation's Spanish heritage in its aesthetic and sociohistorical context. Prerequisites: SP-134 OR SP-136 OR SP-199 OR INSTRUCTOR APPROVAL.

**AR Courses****AR-110. Art in the City. 3.00 Credits.**

Through weekly professor-led trips to and tours of the art museums of NYC, students directly experience, appreciate and understand important works of art. Honors Core course. Course Type(s): Honors.

**AR-127. Intro to the Visual Arts. 3.00 Credits.**

A comprehensive study of art history, focusing on important masterpieces, styles, and significant artists. By examining painting, sculpture, and architecture, students realize the importance of art in society.(Art History elective) Course Type(s): Arts/Language, Addl Humanities.

**AR-128. Intro to Music. 3.00 Credits.**

A brief history of Western music since the Renaissance. Composers, styles, and representative works from each major period will be discussed. (Music elective) Course Type(s): Arts/Language, Addl Humanities.

**AR-131. Beginning Painting. 3.00 Credits.**

Introduction to variety of art paints, grounds, brushes, techniques.(Visual Arts elective).

**AR-140. Figure Structure Workshop. 3.00 Credits.**

A study of the human figure in two and three dimensions working from a plaster model. Proportions of the skeleton and mechanism of motion are emphasized. Additional course fee of \$75.(Visual Arts elective).

**AR-151. College Chorale I. 1.00 Credit.**

Semester's active participation (at least 15 hours) in one of the college's vocal arts ensembles (both practice and performance). Graded P/F.(Music elective).

**AR-152. College Chorale II. 1.00 Credit.**

Semester's active participation (at least 15 hours) in one of the college's vocal arts ensembles (both practice and performance). Graded P/F.(Music elective) Prerequisites: AR-151.

**AR-153. College Chorale III. 1.00 Credit.**

Semester's active participation (at least 15 hours) in one of the college's vocal arts ensembles (both practice and performance). Graded P/F.(Music elective) Prerequisites: AR-151 AR-152.

**AR-157. Introduction to Photography I. 3.00 Credits.**

Beginning with basic camera operation, students learn the visual and technical elements that create a photograph. 35mm camera will be used. Additional course fee of \$75. (Visual Arts and Graphic Arts elective).

**AR-158. Introduction to Photography II. 3.00 Credits.**

Directed toward developing a personal style of picture taking, this course includes dark-room experience in processing and printing black and white film. Additional course fee of \$75. (Visual Arts and Graphic Arts elective).

**AR-159. 2-D Design/Color Theory. 3.00 Credits.**

This course is an introduction to the elements and principles of 2-Dimensional design. Composition issues and strategies valid in all areas of visual design are explored through examples, exercises, critiques and creative projects. (Graphic Arts elective).

**AR-160. Drawing & Composition Workshop. 3.00 Credits.**

Studio work: theoretical analysis and practical application of some of the components of a work of art: form, line, shape and value. Additional course fee of \$75.(Visual Arts elective).

**AR-161. Painting Workshop. 3.00 Credits.**

Studio work: texture, color, and space are studied. Additional course fee of \$75.(Visual Arts elective).

**AR-162. Painting and Drawing Workshop. 3.00 Credits.**

Studio work: basic techniques. Additional course fee of \$75.(Visual Arts elective).

**AR-165. Figure Painting Workshop. 3.00 Credits.**

Studio work: study of the human form in color. (Visual Arts elective).

**AR-166. Sculpture Workshop. 3.00 Credits.**

Studio work: exploring different materials and their properties to create 3 Dimensional forms in space. Projects include: patterning and triangulation of geometric shapes, assemblage methods of the modular form, found objects, hand building with clay hollow abstract sculptures, glazing and RAKU firing, hand casting with alginate and plaster, wire linear forms. (Visual Arts elective).

**AR-171. Live Model Figure Drawing Wksp. 3.00 Credits.**

Studio work: study of artistic anatomy from live models. Additional course fee of \$75. (Visual Arts elective).

**AR-172. Landscape Ptg Wshp. 3.00 Credits.**

Beginning approaches to landscape painting; including composition, perspective, and texture. Additional course fee of \$75.(Visual Arts elective).

**AR-175. Fundamentals of Acting I. 3.00 Credits.**

Students will use scenes, activities, and games to learn to improvise, move on stage, project their voices, understand a scene, and develop a character.

**AR-190. Understanding Film. 3.00 Credits.**

Screenings, readings, discussions to provide an understanding of the elements of film medium. Additional course fee of \$75. Prerequisites: 1 COURSE; FROM CM-115 CM-116 CM-117 CM-119 CM-120 HP-122 Course Type(s): Arts/ Language.

**AR-211. Renaissance Art I. 3.00 Credits.**

Study of fourteenth-century Italian art and its development through the fifteenth century: Giotto, Duccio, Donatello, Masaccio, Botticelli, etc.(Art History elective).

**AR-212. Renaissance Art II. 3.00 Credits.**

Study of the High Renaissance and Mannerism in painting and sculpture, especially Leonardo, Michelangelo and Raphael. (Art History elective) Course Type(s): Capstone, Writing Intensive.

**AR-214. Art Advertising and Design. 3.00 Credits.**

Appreciation of the non-verbal communication of visual images: light, color, shape, line, texture, design principles, etc. Studies through projects creating effective advertising images. Additional course fee of \$75.(Graphic Arts elective).

**AR-215. Medieval Art. 3.00 Credits.**

A study of Early Christian, Byzantine, Carolingian, Ottonian Romanesque and Gothic art. Emphasis on the beginnings of Christian art and on Gothic cathedrals. (Art History elective) Course Type(s): Writing Intensive, Capstone.

**AR-220. Introduction to Computer Art. 3.00 Credits.**

Designed to introduce the student to using the computer for design in InDesign, photo manipulation in Photoshop and illustration in Illustrator. Both artist and non-artist, graphic arts or internet. Projects form basis of professional portfolio. Additional course fee of \$75.(Graphic Arts elective).

**AR-224. Digital Imaging With Photoshop. 3.00 Credits.**

Photoshop use: production and presentation, printing your work, portfolio preparation and internet emphasized. Additional course fee of \$75.(Graphic Arts elective).

**AR-229. Baroque Art. 3.00 Credits.**

A study of the painting, sculpture, and architecture of the seventeenth and eighteenth centuries. Emphasis: Caravaggio, Bernini, Rubens, Rembrandt, Velazquez, Zurbaran.(Art History elective).

**AR-230. Marketing for Artists. 3.00 Credits.**

Making art is the fun part. Now you have to get your work out there! Not sure how to market your art? This course in Marketing for Artists will show students tips and tools to help them learn how to promote themselves as an artist. Art marketing is a key part of being an artist. This course will cover building an online portfolio, writing an Artist Statement, social media best practices, SEO (search), and other essential marketing tools to promote yourself in the art world. Virtual galleries, changes in new media and how that impacts artist and Gallery relationships. What do you do when you get the sale? We will discuss contracts, price lists, and how artists can protect themselves legally. We will also have guest speakers for the class to hear from other professionals.

**AR-232. Art and Desktop Publishing. 3.00 Credits.**

Creation of a brochure, mailer, newsletter or magazine at home or in business. Use of current programs per business world standards. Emphasis on aesthetic concerns. Additional course fee of \$75.(Graphic Arts elective).

**AR-238. The Science of Art. 3.00 Credits.**

Materials of art and artifacts, scientific and technical principles underlying the creation of art works, authentication and forgery, deterioration due to time and environment, restoration techniques. Three class periods weekly.(Visual Arts elective).

**AR-240. Cultural Diversity in Art. 3.00 Credits.**

Through guided visits to various ethnic art museums/collections (such as Asia Society, Japan Society, China Institute, African Art Museum, Museum of the American Indian, Jewish Museum) students experience cultural diversity. A multi-cultural course which broadens students' appreciation of ethnic identities through the study of ethnic art. Additional course fee of \$235.(Art History elective) Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism.

**AR-242. Computer Illustrator. 3.00 Credits.**

Uses in print graphics, advertising, charts for marketing. Graphic implementations in all areas of business and marketing. Additional course fee of \$75.(Graphic Arts elective).



**AR-250. Live Performance Art. 3.00 Credits.**

Participants will be enlightened, enriched, entertained, by attending performances representative of Broadway musicals, ballet, concerts, dance, and opera. Additional course fee of \$235.(Music elective).

**AR-253. Environmental Art & Issues. 3.00 Credits.**

The course is designed to look at environmental issues through the interpretations of an artistic venue. It explores how interdisciplinary environmental discussions within academic and activist communities can inform the artist and their work as well as society at large. Includes research on topics such as eco-ethic, animal rights, environmental justice, green consumerism and eco-activism. The work created will be presented in a university gallery space, web site and/or through a public dialogue on campus for university students and the community at large. The course is geared toward a range of disciplines within and outside the arts inviting a wide range of students to take this course. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**AR-255. Live Musical Art. 3.00 Credits.**

Attendance at live musical events in the metropolitan area. A wide range of music is sampled and discussed through direct experience. Additional course fee of \$235. (Music elective).

**AR-260. Music Theory I. 3.00 Credits.**

An introduction to species counterpoint and common practice harmonic analysis. Prerequisites: AR-128.

**AR-265. Group Singing I. 3.00 Credits.**

For beginning voice students; basic skills including confidence, self-expression, phonation, diction, phrasing. Prepare audition-ready song. (Music elective).

**AR-266. Group Singing II. 3.00 Credits.**

For intermediate-level singing. Performance skills including breath support, resonance, blending, expressiveness. Peer and professional observation.(Music elective).

**AR-267. History of Graphic Art. 3.00 Credits.**

This course investigates the evolution of Graphic Arts. The focus of the class will be on individual artists, movements and technologies, exploring the relationship between design and its viewers as well as analyzing the visual attributes that make a work of art.(Graphic Arts elective).

**AR-273. Rock History. 3.00 Credits.**

A survey of rock music, analyzing the origins and evolution of electrified American popular music, 1950's to the present.(Music elective).

**AR-279. Watercolor Painting. 3.00 Credits.**

Introduction to watercolor painting techniques, watercolors, papers, brushes, methods. Additional course fee of \$75. (Visual Arts elective).

**AR-282. Beginning Piano. 3.00 Credits.**

Exercises and songs in the three simple keys (C, G, F; A, E, D). Songs and piano pieces will be practiced and performed. For beginners.(Music elective).

**AR-293. Today's Film Scene. 3.00 Credits.**

Students will meet in Manhattan to view and analyze contemporary films, often before they are released to the general public. At times the filmmakers are likely to participate. The course will give students a knowledge of the contemporary film scene as well as skills in film analysis. Additional course fee of \$235.

**AR-295. Credited Internships. 3.00 Credits.****AR-300. Ethics in Art & Artificial Intelligence. 3.00 Credits.**

Mixed Reality class is an introduction to emerging technologies in XR, virtual reality (VR) and augmented reality (AR). These technologies are changing in education, entertainment, gaming and engineering industries at a rapid pace. This program is a comprehensive introduction to developing XR reality applications. Students will learn about device platforms, the metaverse, augmented reality face filters and virtual reality gaming platforms and the building applications used to deploy and which devices they can be deployed to. The class will include demos of various AR/VR applications , VR Headsets and latest news on future applications and upcoming devices.

**AR-305. AI's Ethical Impact in the Arts. 3.00 Credits.**

This course examines the ethical dimensions of artificial intelligence in the realm of art. Students will review AI programs used to create art. Explore the moral implications of AI-generated art, its impact on creativity, and the ethical challenges it poses to traditional artistic practices. Gain insight into the intersection of technology, ethics, and artistic expression. Course Type(s): Values.

**AR-320. Augmented Reality. 3.00 Credits.**

Augmented Reality's (AR) emerging technology is changing human interaction in education, entertainment, gaming, and engineering industry at a rapid pace. This program is a comprehensive introduction to developing Augmented Reality applications using Spark AR and Unity. Students will create virtual applications that will be deployed to mobile devices. The class will include demos of various AR applications and the latest news on future applications and upcoming devices. Additional course fee of \$75. Course Type(s): Lab Courses.

**AR-337. Advanced Photography. 3.00 Credits.**

Intensive darkroom work to produce exhibition quality portfolios. Technical information will be stressed.(Visual Arts elective) Prerequisites: AR-158.

**AR-338. Ethics and Photography. 3.00 Credits.**

The writings of A.D. Coleman, Susan Sontag, James Mitchell and others which form the basis for analysis of trends in photography. Visits to exhibitions in SoHo and Chelsea will be scheduled.(Visual Arts elective) Prerequisites: COMPLETE 6 CREDITS: 1 FROM COURSE PL-130 PL-140 AND 1 COURSE FROM COURSE TH-110 TH-120; Course Type(s): Values.

**AR-339. The Pavan Graphic Publishing. 3.00 Credits.**

Students will produce a professional magazine publication. The perfect portfolio project. Working with the editorial team, graphic arts students will illustrate stories and poems and use their InDesign skills to design SPU's Pavan Arts and Literary Publication. Style sheets, master pages and templates. Linear blends, bleeds, color and trapping. (Graphic Arts elective) Prerequisites: AR-214 AR-220 AR-232.

**AR-340. The Visual Arts in America. 3.00 Credits.**

A survey of art in the United States from the Colonial period to the present.(Art History elective).

**AR-350. Typography. 3.00 Credits.**

Placement, sizing, personality, color, tracking, kerning, leading and other aspects of type plus its history and use as abstract design elements. Student create fonts. Additional course fee of \$75.(Graphic Arts elective) Prerequisites: AR-214 AR-220 AR-232.

**AR-361. Color Photography I. 3.00 Credits.**

This course explores the theory, manipulation, lighting (daylight and flash), and the printing of color photography. (Visual Arts elective) Prerequisites: AR-157.

**AR-366. Digital Design Tools. 3.00 Credits.**

Analysis and skills development in areas of: color, memory management, text, format, web use and print. Projects require use of Graphic software in tandem. Additional course fee of \$75.(Graphic Arts elective) Prerequisites: AR-220.

**AR-367. Advertising and Packaging Design. 3.00 Credits.**

This course explores various approaches to 3-D design. Students develop and execute package designs, fabrication materials and techniques. (Graphic Arts elective) Prerequisites: AR-214 AR-220.

**AR-368. Graphic Design. 3.00 Credits.**

This course introduces the student to the basic ideas of design: symbology, typography, illustration and photography. The student will be exposed to the essentials of the field, the use and care of materials, career options, and an introduction to basic terminology. The organization and communication of information through work and image will be emphasized. (Graphic Arts elective) Prerequisites: AR-214 AR-220.

**AR-370. Mobile App Design. 3.00 Credits.**

This class gives the students an understanding of the growing use of mobile applications. Students will build their interface design (UI) and user experience design (UX) using Adobe XD, building wireframes and prototypes to show how their mobile application will work. Other programs used in the course will be Adobe Illustrator and Adobe Photoshop to develop the overall style of their apps, including things like the color scheme, font selections, and the types of buttons and widgets the user will use in the final interface design. Course Type(s): Lab Courses.



**AR-371. Graphics and Digital Marketing. 3.00 Credits.**

In the exciting industry of Digital Marketing students will learn how important and necessary graphics and designers are in digital marketing. Lessons will cover strategic designs that communicate to a target audience for specific brands, how brand identity and consistency are crucial in the digital marketing websites, social media channels, e-commerce advertising and the future of advertising such as XR, NFTs and the Metaverse.

**AR-375. Camera Raw. 3.00 Credits.**

This course is designed to introduce the student to the creative and technical possibilities of photography and digital media. Hands-on sessions as well as demonstrations will enable the student to learn the basics of using a digital camera and the imaging software Photoshop, Camera Raw and iPhoto. Topics to be cover will include camera operation, shutter speed, aperture, focal length, composition, lighting for fine art shooting, uploading files, image enhancement, bit depth, resolution, file size, histograms, curves archiving, organizing and storing work, printing and more.(Graphic Arts elective) Prerequisites: AR-224.

**AR-376. Digital Photography. 3.00 Credits.**

This course is designed to introduce the student to the creative and technical possibilities of photography and digital media. Hands-on sessions as well as demonstrations will enable the student to learn the basics of using a digital camera and the imaging software Photoshop Camera Raw and Photo. Topics to be cover will include camera operation, shutter speed, aperture, focal length, composition, lighting for fine art shooting, uploading files, image enhancement, bit depth, resolution, file size, histograms, curves archiving, organizing and storing work, printing and more.(Graphic Arts elective).

**AR-381. Art of Web Design. 3.00 Credits.**

Learn to design customized user-friendly responsive website, portfolio-worthy projects. Learn to design dynamic Web and mobile experiences with typography, HTML, CSS, and more. Explores artistic aspects, ideas and techniques of Web design coding and design with Dreamweaver. Class will review WEB 3.0 and the future of the internet. The course will also cover websites template solutions such as Wordpress. Additional course fee of \$75.(Graphic Arts elective) Course Type(s): Lab Courses.

**AR-382. Piano Workshop. 3.00 Credits.**

A studio course to develop student's basic, beginning level skills as well as those of intermediate level students. (Music elective).

**AR-383. Animation Production. 3.00 Credits.**

A career in Animation is a fun and exciting industry which is used in entertainment, arts, business, and social media. A skill that is always in demand and is high paying. Students will learn the basics to animation and storytelling using various programs such as: Adobe Animate, Spark AR, Unity, and Blender, Media Encoder. Topics covered will Include: animation, storytelling with animation, augmented reality and virtual spaces and motion graphics, tweening, video effects, movie clips and importing sounds. We will also work with video compression and compatibility formats. Course Type(s): Lab Courses.

**AR-384. Art and Buddhism. 3.00 Credits.**

A value-oriented, in-depth study of Buddhist theology and philosophy as expressed in art. Buddhisms changing visual expressions will be investigated. Emphasis will be placed on artistic expression of religious values. Additional course fee of \$235.(Art History elective) Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism.

**AR-391. User Experience. 3.00 Credits.**

User Experience (UX) Design is one of the most in demand professionals for designers today. This course will focus on UX's conceptual design discipline that focuses on interactions between human users, machines, and contextual environments to design systems that address the user's experience. This hands-on UX class allow the student to learn about the complete UX design process; user research, requirements gathering, user flows, sketching and wire framing, prototyping, usability testing, development and post-development. This UX class will blend lecture, discussion, industry examples, and classroom activities. User Interface (UI) Design is the compliment to UX Design. It explores the look and feel, the presentation and interactivity of a product. The differences between these two areas will be investigated. Course Type(s): Lab Courses.

**AR-399. Independent Study. 3.00 Credits.****AR-424. Baroque Art and Culture. 3.00 Credits.**

Interdisciplinary study of Baroque, 17th Century, Art and Culture focusing on Rembrandt and Rubens and the political and religious disputes which differentiated their artistic expression. Course Type(s): Capstone, Writing Intensive.

**AR-430. Sr Thesis Project/Portfolio Presentation. 3.00 Credits.**

This class is designed to provide the Studio Art and Graphic Design student with a cumulative experience of their major. A completed portfolio representing the studio area of specialization, along with a written statement of personal philosophy in the development of the visual imagery, will be presented in the form of a show. A wide variety of career-oriented topics will be discussed. Resume, cover letters and other self-promotional and business skills will be addressed. (Graphic Arts elective) Course Type(s): Capstone, Writing Intensive.

**AR-499. Short-Term Study Abroad. 3.00 Credits.**

Additional travel course fee of \$50. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): International (Travel), Values.

**AS Courses****AS-101. Intro Latin Amer & Latino Stud. 3.00 Credits.**

This course will introduce students to the study of Latin America as a region-its history, culture, politics and economic development- and Latino Studies, which examines the experiences of people of Latin American descent in the U. S. Course Type(s): Pluralism.

**AS-137. Nonviolence Community Org. Social Move. 3.00 Credits.**

A study of violence and human nature the theory and practice of nonviolence, how conflicts - local and global - can be solved nonviolently and the lives of past and current peacemakers, including Gandhi, Martin Luther King, Dorothy Day and many others.

**AS-177. Introduction to Africana Studies. 3.00 Credits.**

This course offers an introduction to the field of Africana Studies. It includes the theoretical foundations for this discipline as well as an historical exploration of forces leading to emergence of artistic, music, poetry and social movements. Course Type(s): Pluralism.

**AS-200. Ethnic and Racial Relations. 3.00 Credits.**

The study of inter ethnic and interracial relations. American and international experiences of immigrant groups, majorities, minorities, dominant cultures, and subcultures.

**AS-202. Urban Music: Jazz to Hip-Hop. 3.00 Credits.**

This course studies the history of urban music from jazz to rock and roll up to today's urban sounds. The course will concentrate both on the music and its socioeconomic impact on the urban landscape. Course Type(s): Pluralism.

**AS-213. Multiculturalism in Justice. 3.00 Credits.**

Understanding community groups of various ethnic, racial and cultural backgrounds, elevating the awareness in Law Enforcement Agencies. Prerequisites: CJ-165 CJ-170.

**AS-230. Black American Politics. 3.00 Credits.**

This course will examine the political behavior of African Americans in the United States. Students will examine the relationship between African Americans and the American political system in order to gain a broader perspective of the American political process. Issues of leadership, representation and empowerment strategies will be addressed. We will consider various forms of participation as we attempt to assess Black political empowerment. We will consider the behavior of Blacks within political institutional settings and at various levels of government. We will also discuss issues such as Black political thought (conservatism, liberalism, and nationalism) and contemporary issues in African American politics. Prerequisites: AS-175 AS-177 SO-121 OR UR-151.

**AS-235. Harlem Renaissance. 3.00 Credits.**

The examination of the art, music, poetry, and politics of the Harlem community in the 1920's and 1930's. Prerequisites: UR-151 OR SO-121; Course Type(s): Pluralism.

**AS-245. Haitians in America: Culture/Identity. 3.00 Credits.**

Examines the history and experiences in America, paying special attention to how and why Haitians come to the U.S. It also explores patterns of settlement and mobility as well as interaction with other groups. Prerequisites: AS-175 OR AS-177 OR SO-121.

**AS-273. Global Feminisms. 3.00 Credits.**

This interdisciplinary course explores global issues and debates regarding significant issues affecting women's lives and opportunities for equality.

**AS-286. Haiti and the Revolution (1791-1804). 3.00 Credits.**

This course will examine the Haitian Revolution of 1791-1804 and the formation of the first independent nation in the Caribbean. Course Type(s): Pluralism.

**AS-288. The Role of Religion in Social Protest. 3.00 Credits.**

This course examines various formal and informal roles of religions in social protest from the New York City uprisings through Black Lives Matter and beyond. Prerequisites: SO-121 OR UR-151 OR AS-177.

**AS-297. Fat Feminism and Comparative Politics. 3.00 Credits.**

A look at the American diet industry and medical institutions as they relate to the intersection of fat-phobia as anti blackness. A connection to how modern feminism has shaped the body positivity movement and the evolution of fat politics.

**AS-319. Politics and Pandemics. 3.00 Credits.**

The COVID-19 pandemic sparked intense discussion about the political and economic factors and responses that have shaped this most recent iteration of a world pandemic. This course considers the political, economic, and climate change realities that have ushered forth the COVID-19 pandemic, as well as previous world vital catastrophes. Also, it looks at what these epidemics reveal about the injustices that permeate societies, and why marginalized communities, such as immigrants, communities of color, the elderly, and the economically impoverished disproportionately bear the brunt of the pandemic's brutal effects. Finally, and in the words of Arundhati Roy, how might we walk through the portal of the pandemic in a liberated way?.

**AS-322. Socialism and Social Movements; Socialism and Social Movements. 3.00 Credits.**

This course introduces the student to the "ABC's" of socialism, its thought and practice, and its various iterations. The class considers why more people see socialism as an alternative to capitalism and study the social movements that have striven to bring life to its theory and practice. The class also emphasizes practices of democracy, justice, diversity, and Green Socialism.

**AS-339. Literature of the Black Atlantic. 3.00 Credits.**

Africana culture has flowed across the Atlantic Ocean littoral from the earliest days of the trans-Atlantic slave trade - not just from West Africa to the New World, but back and forth in complex circuits interconnecting the black peoples of West Africa, the Caribbean, the United States, and the United Kingdom. This is what scholar Paul Gilroy, in his groundbreaking formulation, calls "the Black Atlantic": an Africanist socio-cultural entity that traverses national and geographic borders. This course examines the literature of the Black Atlantic, proceeding from a survey of different theorizations of blackness to an analysis of select works by black authors that focus particularly on social and cultural encounters, exchanges, movements, and inter-group conceptualizations of different Africana peoples. Prerequisites: ONE COURSE FROM EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 OR EL-208; Course Type(s): Pluralism, Writing Intensive.

**AS-340. Intercultural Relations. 3.00 Credits.**

An examination of the influence of cultural factors on human thought, emotion and action. Theoretical and methodological issues in intercultural relations are reviewed and observational studies conducted. Prerequisites: SO-121.

**AS-343. Black Theology. 3.00 Credits.**

The study of the origins and influence of the major religious traditions found in the American Black community. May substitute for TH-120 or be used as a Values course, but not both. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**AS-353. Sociology of the Black Family. 3.00 Credits.**

Course examines the black family in historical and contemporary perspectives. Emphasis is placed on how these are a variety of ?families? in the African-American community as well as all other communities. Prerequisites: AS-175 AS-177 SO-121 OR UR-151.

**AS-359. African-American Writers. 3.00 Credits.**

A survey of the major literary achievements of black American writers. Prerequisites: CM-115 CM-117 OR CM-120; Course Type(s): Writing Intensive, Pluralism.

**AS-362. African American Literature. 3.00 Credits.**

Students will experience the artistry of American writers of color by tracing their development from the early slave narrative to contemporary works of film, novels, and poetry. Discussions will revolve around these texts to familiarize readers with theories of formal literary reading, and cultural/ethnic distinction subjects include gender-based criticism, theories of community, and attitudes toward racism and prejudice. Prerequisites: CM-115, CM-116 OR CM-120 AND ONE 200-LEVEL COURSE.

**AS-380. Spatial Justice Cities and Resistance. 3.00 Credits.**

Spatial Justice is an invitation to discuss social justice by looking at places and spaces around us. How much does the design of our cities reflect and offer insights into social and economic inequalities? How do city spaces influence embodied aspects of our daily lives? How can structured or spontaneous acts of spatial resistance impact broader social dynamics? Through the comparative study of urban social dynamics around the world, this course will discuss the contradictory ways in which spaces are socially constructed, consider different urban experiences in relation to race, gender, class, and sexual orientation, investigate spacial resistance dynamics, and explore how those can be applied to the promotion of more just and inclusive social & spatial realities.

**AS-399. Independent Study. 1.00 Credit.****AS-411. Nationalism and Revolution. 3.00 Credits.**

A comparative and analytical study of nationalism and revolutionary movements. Nation-building in contemporary underdeveloped countries.

**AS-412. Ethnicity and Race in Urban History. 3.00 Credits.**

Includes the African and European immigrant experiences in America, the effects of slavery and urbanization, and the formation of class consciousness. Prerequisites: SO-121 OR UR-151, AND SO-280 AND SO-384; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Capstone, Writing Intensive, Pluralism.

**AS-428. Literature of East and West Africa. 3.00 Credits.**

A study of seminal texts representing the Acholi, Gikuyu, Malinke, Igbo, Wolof, Bambara and Senegalese peoples of East and West Africa. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism, Online Course.

**AS-489. Globalization and Fieldwork Seminar. 3.00 Credits.**

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Course Type(s): International (Travel), Pluralism.

**AT Courses****AT-101. Intro Latin Amer & Latino Stud. 3.00 Credits.**

This course will introduce students to the study of Latin America as a region-its history, culture, politics and economic development- and Latino Studies, which examines the experiences of people of Latin American descent in the U. S. Course Type(s): Pluralism.

**AT-136. Intro Lesbian Gay Bisexual Transgendered. 3.00 Credits.**

This course will offer students an introduction to lesbian, gay, bisexual and transgendered studies. Along with a focus on the history of this topic as a social movement, the course examines the topic from community, social justice and lifestyle perspectives.

**AT-140. Introduction to Women's Studies. 3.00 Credits.**

This interdisciplinary course introduces students to women's studies, including its roots in the feminist and civil rights movements and the construction of gender in culture and society, giving specific attention to forms of gender inequality in the family, workplace, religion, healthcare, and relationships. Course Type(s): Pluralism.

**AT-232. China: Environmntl Chnge & Possibilities. 3.00 Credits.**

This course focuses on the social, political, economic and cultural variable that impact the Chinese environmental deterioration and these consequences for the world at large. Alternative models of environmental conservation are included. Prerequisites: SO-121 OR UR-151; Course Type(s): Pluralism.

**AT-235. Harlem Renaissance. 3.00 Credits.**

This course examines the period beginning in the 1920's known as the Harlem Renaissance. It was a time when black and white Americans alike discovered the vibrancy and uniqueness of black art, music, and literature. The class will also examine the importance of external forces, both positive and negative. Prerequisites: UR-151 OR SO-121; Course Type(s): Pluralism.

**AT-275. Indigenous Civilizations: Olmecs to Inka. 3.00 Credits.**

This course will examine the cultures, including their rises and falls, of a number of pre-Columbian cultures from archeological and cultural anthropological perspectives. Inca, Myan, Aztec, and Others. Prerequisites: SO-121. Prerequisites: SO-121; Course Type(s): Pluralism.

**AT-283. The Conspiracy Theory Film. 3.00 Credits.**

The course looks at the themes of conspiracies and paranoia in film and popular culture. Students examine how social and political conflicts through the decades have created fears of large-scale corruption in organizations of power and how these fears were translated to the movie screen. Prerequisites: CM-115 CM-116 OR CM-120.

**AT-288. The Role of Religion in Social Protest. 3.00 Credits.**

This course examines various formal and informal roles of religions in social protest from the New York City uprisings through Black Lives Matter and beyond. Prerequisites: SO-121 OR UR-151 OR AS-177.

**AT-294. Native American Cultures. 3.00 Credits.**

An examination of the diversity of North American tribes from their migration from Asia to the present. Included are comparisons between tribes, government policies and recent revival of many groups.

**AT-301. Introduction to Archeology. 3.00 Credits.**

This course provides an introduction to archeology with its important interdisciplinary perspectives including History, Physical Anthropology, Environmental Studies and Cultural Anthropology. Prerequisites: SO-121 OR UR-151.

**AT-309. Women in Changing Urban World. 3.00 Credits.**

Historical and contemporary examination of urban revolution as social basis for changing roles of women. Generation of conflicts and possibilities. Implications for society. Prerequisites: UR-151 OR SO-121.

**AT-312. Biology of Global Change. 3.00 Credits.**

This course will investigate natural and anthropogenic global change and its impact on marine, fresh water, terrestrial and human dominated ecosystems. Prerequisites: C OR BETTER IN BI-184 FOR BIOLOGY MAJOR OR MINOR. Course Type(s): Pluralism, Mission Seminar.

**AT-313. Human Evolution Ecology and Adaptation. 3.00 Credits.**

This interdisciplinary course focuses on evolutionary adaptations of the human species to nature and ways it has adapted nature to serve its needs. These adaptations and their consequences for changes in human ways of life are central to this course. Prerequisites: BI-184 OR SO-121.

**AT-320. Anthropological Linguistics. 3.00 Credits.**

This course explores sociocultural linguistics in the context of its connections to cultural anthropology. Prerequisites: SO-121 OR UR-151.

**AT-322. Socialism and Social Movements; Socialism and Social Movements. 3.00 Credits.**

This course introduces the student to the "ABC's" of socialism, its thought and practice, and its various iterations. The class considers why more people see socialism as an alternative to capitalism and study the social movements that have striven to bring life to its theory and practice. The class also emphasizes practices of democracy, justice, diversity, and Green Socialism.

**AT-345. Sociology of Intimacy. 3.00 Credits.**

This course will explore sexual scripts the social control of marrying negotiating and bargaining marriage roles the dynamics of family interaction conflict and divorce. Prerequisites: SO-121 OR UR-151.

**AT-351. Latina/O/X Communities. 3.00 Credits.**

An in-depth examination of the social, cultural, economic, historical, and political contexts shaping the experiences of long-established and recent immigrant Latino/a/x and Latin American groups in the United States. The course will examine the formation of communities in different geographical regions, as well as by national, socio-cultural, ethnic, and political affinities. Prerequisites: SO-121 OR UR-151 OR LS-101; Course Type(s): Pluralism, Mission Seminar.



**AT-370. Urban Anthropology. 3.00 Credits.**

An exploration of the emergence of urban culture in its present form from its neolithic roots. Emphasis on urban life in the New Jersey area, with reference to the peoples and cultures in urban environments world-wide. Prerequisites: SO-121 OR UR-151; Course Type(s): Writing Intensive.

**AT-380. Spatial Justice Cities and Resistance. 3.00 Credits.**

Spatial Justice is an invitation to discuss social justice by looking at places and spaces around us. How much does the design of our cities reflect and offer insights into social and economic inequalities? How do city spaces influence embodied aspects of our daily lives? How can structured or spontaneous acts of spatial resistance impact broader social dynamics? Through the comparative study of urban social dynamics around the world, this course will discuss the contradictory ways in which spaces are socially constructed, consider different urban experiences in relation to race, gender, class, and sexual orientation, investigate spacial resistance dynamics, and explore how those can be applied to the promotion of more just and inclusive social & spatial realities.

**AT-384. Cultural Anthropology. 3.00 Credits.**

An analysis of the development of anthropology as an offshoot from Sociology; an examination of the differences in the methodology of anthropology and Sociology in the study of a variety of cultures. Prerequisites: SO-121 OR UR-151; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Writing Intensive, Pluralism.

**AT-428. Literature of East and West Africa. 3.00 Credits.**

A study of seminal texts representing the Acholi, Gikuyu, Malinke, Igbo, Wolof, Bambara and Senegalese peoples of East and West Africa. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism, Online Course.

**AT-489. Globalization and Fieldwork Seminar. 3.00 Credits.**

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Prerequisites: SO-121 OR UR-151 OR PO-100; Course Type(s): International (Travel), Pluralism.

**BA Courses****BA-151. Principles of Management. 3.00 Credits.**

An analysis of the management process. Introductory course in management.

**BA-155. Principles of Marketing. 3.00 Credits.**

Business activities involved in the flow of goods and services from production to consumption.

**BA-157. Ms Excel for Accounting and Business Env. 3.00 Credits.**

Students will gain proficiency in Microsoft Excel for accounting and business environments. The course will cover understanding basic spreadsheet terminology and navigation including filters and sorts; basic and intermediate formulas such as Dsum, Vlookup, and Match; analytical tools such as PIVOT tables; and presentation skills such as formatting, graphs, and charts. This course will use a case study approach that will enable students to learn from sample client needs and constraints (for example, putting raw data into a format needed for client analysis). Upon completion of this course, students should have a strong proficiency in Excel that they can apply in a professional capacity.

**BA-210. Health Care Issues and Organization. 3.00 Credits.**

An introduction to current health care issues including telemedicine as well as political and pluralistic factors impacting healthcare are explored. Overview of types of healthcare systems and organizations including non-profit and proprietary institutions is addressed.

**BA-214. Corporate Analysis. 3.00 Credits.**

This course equips participants with analytical skills to critically evaluate publicly traded companies. It includes written analysis of companies and the oral presentation of the results to a panel of industry experts. Students registered for this course may also take part in the Chartered Financial Analyst (CFA) global challenge. Prerequisites: BA-151, BA-155, AND MA-212.

**BA-217. Planning and Finance for Nonprofits. 3.00 Credits.**

This course focuses on management and financial issues in the nonprofit sector, including healthcare, education, government agencies and foundations, with a special focus on the arts and cultural sector. Through a combination of lecture, case study and practicum, students will learn the managerial dimension of this sector. The course includes an overview of nonprofit planning, control methods, funding, stakeholder communications, endowment management, credit analysis, governance issues, industry trends, advisory board issues, and philanthropy.

**BA-218. Media Business. 3.00 Credits.**

An examination of media as a profit-making industry. The roles of sales, advertising and investors are viewed, as are trends of corporate media and entrepreneurship. Public relations and ethics are introduced. Prerequisites: CM-115 CM-116 OR CM-120.

**BA-230. Marketing for Artists. 3.00 Credits.**

Making art is the fun part. Now you have to get your work out there! Not sure how to market your art? This course in Marketing for Artists will show students tips and tools to help them learn how to promote themselves as an artist. Art marketing is a key part of being an artist. This course will cover building an online portfolio, writing an Artist Statement, social media best practices, SEO (search), and other essential marketing tools to promote yourself in the art world. Virtual galleries, changes in new media and how that impacts artist and Gallery relationships. What do you do when you get the sale? We will discuss contracts, price lists, and how artists can protect themselves legally. We will also have guest speakers for the class to hear from other professionals.

**BA-231. Business Sustainability. 3.00 Credits.**

This introductory course aims to help participants deepen their knowledge of integrating sustainability into business practices, operations and policies. The course will also explore the major sustainability issues and trends that foster organizational resiliency over time and in addition examine the best practices that lead to economic efficiency, social equity and environmental accountability. Prerequisites: BA-151 AND BA-155.

**BA-240. Organizational Behavior. 3.00 Credits.**

Interdisciplinary study of interactions between individuals and groups within organizations. Prerequisites: BA-151 BA-155.

**BA-242. Sales Management. 3.00 Credits.**

Organization and administration of the sales function with emphasis on the human factors. Prerequisites: BA-151 BA-155.

**BA-246. Export Management. 3.00 Credits.**

Research and studies in foreign markets to locate and develop export business, including payment systems, transportation, and logistics. Prerequisites: BA-151 AND BA-155; Course Type(s): Pluralism.

**BA-247. Marketing Communications and Branding. 3.00 Credits.**

This course is designed as an exploration of the history, development and current strategies, tactics and technologies of Integrated Marketing Communication (IMC) and branding. Using major communication theories, students will explore integrating the practices of marketing, advertising, public relations, publicity, special events, promotions, and a variety of promotional activities in a changing world of new relationships with consumers and new media technologies. Prerequisites: BA-151 BA-155 CM-115 CM-117 OR CM-120.

**BA-248. Intl Bus and the Global Marketplace. 3.00 Credits.**

This course focuses on exploring terminology, scope, status and evolving patterns of international business. Specifically, the course addresses the role of social, cultural, political, ethical, technological, environmental and economic factors in the international context; the impact of global forces on businesses at home and abroad; role of governments in promoting and protecting business interests at home and abroad; role of international agencies in the functioning of business; and the interlink between managerial, operational, marketing, and financial functions in doing business abroad.

**BA-249. Sports & Entertainment Marketing. 3.00 Credits.**

Analysis of strategic marketing processes in the spectator events industry with emphasis on consumers, suppliers, and owners. Prerequisites: BA-151 BA-155.

**BA-250. Consumer Behavior. 3.00 Credits.**

An interdisciplinary approach to the study of marketing with the focus on consumers. Prerequisites: BA-151 BA-155.

**BA-271. Concepts of Public Health. 3.00 Credits.**

Introduction to Public Health Issues - public health laws, policy cycle, demographics, and epidemiological concepts and applications.

**BA-282. Leadership. 3.00 Credits.**

This course explores the essential principles and practices of effective leadership in organizational settings. Students will examine various leadership theories, styles, and strategies, with a focus on understanding the role of a leader in inspiring, influencing, and guiding teams toward achieving common goals. The curriculum emphasizes self-awareness, ethical decision-making, communication skills, and the ability to navigate complex organizational dynamics. Through case studies, group projects, and real-world examples, students will develop critical thinking skills and learn to apply leadership concepts in practical situations. The course also covers emerging trends in leadership and the importance of diversity and inclusivity in today's global business environment. Learning Outcomes: 1. Achieve an understanding of the key concepts of modern leadership and the major theories of leadership that are guiding current business practice. 2. Define the inter-relationship between leaders, followers, the situational context and how the associated dynamics of that relationship drive leadership decisions. 3. Demonstrate an understanding of the relationship of motivation, power and behavior that influence leadership and its application in business management. 4. Define key attributes of effective leadership skills and universal impediments to effective leadership. 5. Recognize research findings about leadership, leadership practice, and skill development. 6. Identify the role of self-awareness, innovation, team engagement and objective setting in leadership excellence. 7. Reflect and engage in problem analysis about how leadership could be exercised to respond to imperatives for reform and promotion of social accountability in the way public servants relate to and conduct themselves. 8. Apply key concepts of leadership within classroom casework, group exercises and student presentation. 9. Identify and apply the importance of oral and written communications to leadership excellence through casework, small group discussion, and written report. Course Type(s): Mission Seminar.

**BA-287. Introduction to Business Analytics. 3.00 Credits.**

This course introduces students to some of the tools that businesses use to optimize their activities. Students will among others, learn how to use Excel Solver, POM QM and also conduct spreadsheet sensitivity analysis.

**BA-295. Credited Internships. 3.00 Credits.****BA-315. Business and Professional Communication. 3.00 Credits.**

How to communicate in various channels necessary for the efficient functioning of groups and organizations. This includes writing for all forms of print and online, as well as, understanding interpersonal interaction and group dynamics that support and promote effective teamwork. Prerequisites: CM-115 CM-117 OR CM-120; Course Type(s): Writing Intensive.

**BA-319. International Marketing. 3.00 Credits.**

Marketing activities involved in successful international business operations. Emphasis on the application of marketing principles to the international environment. Prerequisites: BA-240 BA-250 OR BA-248 OR PERMISSION OF INSTRUCTOR; Course Type(s): Pluralism, Senior Seminar.

**BA-320. Augmented Reality. 3.00 Credits.**

This course covers the technical and experiential design foundation required for the implementation of immersive environments in current and future virtual, augmented and mixed reality platforms. The curriculum covers a wide range of literature and HCI concepts following the evolution of all supporting technologies including visual displays for VR, AR and MR, motion tracking, interactive 3D graphics, multimodal sensory integration, immersive audio, user interfaces, IoT, games and experience design.

**BA-322. Corp Situational Analysis & Problem Solv. 3.00 Credits.**

This is an advanced course and involves a student application and competitive selection process. The course focuses on the analysis of complex business problems and their causes, inter-functional implications and development of recommended solutions. These problems encompass a wide range of business disciplines including finance, marketing, public relations, and operations. Extensive use of the case method is used to illuminate key learning points. Students will learn and apply research, decision making and problem solving skills.

**BA-325. Ethics: Business and Economic Community. 3.00 Credits.**

An investigation of the responsibilities of management, ranging over problems encountered by both public and private, multinational and local concerns. Prerequisites: BA-240 BA-246 BA-248 OR BA-250; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Writing Intensive.

**BA-327. Digital and Social Media Marketing. 3.00 Credits.**

This course introduces students to the current thinking, practice and developments in digital and social media marketing, including: Social media marketing for B2C, B2B, not-for-profits, Internet marketing, online PR and reputation management, and mobile marketing. Prerequisites: CM-115 CM-117 OR CM-120.

**BA-330. Negotiation and Conflict Resolution. 3.00 Credits.**

This course focuses on the nature, cause, progression and resolution of conflicts and disputes. Particular emphasis will be placed on disputes involving commercial issues and businesses. Students will gain knowledge and apply techniques to facilitate, mediate and successfully resolve disputes over a range of situations. Methods of conflict de-escalation and pursuit of settlement through negotiation will be learned and applied. Prerequisites: BA-240 OR BL-161.

**BA-335. Latino Marketing Communication Culture. 3.00 Credits.**

An in-depth, critical examination of marketing and communication strategies in the Latino community. The course invites students to explore what the terms Latino and Latino culture mean, question their saliency, and to weight the implications that marketing and communication campaigns can have on consumption patterns, entrepreneurship, organizations, and Latino identity. Prerequisites: BA-155 OR LS-101 OR SO-121 OR EC-101; OR PERMISSION OF INSTRUCTOR. Course Type(s): Pluralism.

**BA-340. E-Business. 3.00 Credits.**

Examines new models, themes, and examples for describing electronic commerce and its impact on business and society. Prerequisites: BA-240 BA-246 OR BA-250.

**BA-343. Human Resource Management. 3.00 Credits.**

Human resource management and personnel administration. Prerequisites: BA-151 AND BA-155.

**BA-347. International Management. 3.00 Credits.**

Examination of global business and the multinational corporation. Analysis and development of management strategies within the context of the political, legal, cultural and socioeconomic environment of the host nations. Prerequisites: BA-240 OR BA-248 OR BA-250; Course Type(s): Pluralism, Senior Seminar.

**BA-350. Operations and Logistics Management. 3.00 Credits.**

A survey of the various operations required to produce goods and services. Prerequisites: BA-240 BA-246 OR BA-250 MA-105 MA-106.

**BA-351. Marketing Research. 3.00 Credits.**

Basic methods and tools utilized in gathering and analysis of supportive marketing data for executive decision making. Prerequisites: BA-250 EC-300; Course Type(s): Senior Seminar.

**BA-353. Project Management. 3.00 Credits.**

This course develops a foundation of concepts and solutions that supports the planning, scheduling, controlling, resource allocation, and performance measurement activities required for successful completion of a project.

**BA-355. Video Storytelling. 3.00 Credits.**

This course is designed to introduce video storytelling, shooting and editing techniques for multi-platform environments in journalism, public relations, advertising and marketing. The course will teach students to recognize and understand the technical and aesthetic aspects of visual storytelling, and how to produce narratives using a combination of still images, video, ambient sound, interviews and graphics. Prerequisites: CM-115 CM-117 OR CM-120.

**BA-360. Public Relations. 3.00 Credits.**

Influencing public opinion is the major goal of public relations activities. This course examines the roles of opinion research, press agency, product promotion, publicity, lobbying, public affairs, fund-raising and special events management in creating a favorable image for a client. Writing skills are emphasized. Prerequisites: CM-115 CM-117 OR CM-120.

**BA-363. Entrepreneurship: Creativity/Innovation. 3.00 Credits.**

Challenges and problems in managing small businesses. Techniques of planning, obtaining funding for, and operating new and/or existing business ventures. Prerequisites: BA-240 OR BA-246 OR BA-250.

**BA-381. Business Ethics & Legal Liability. 3.00 Credits.**

This course provides an understanding of the legal and other exposures that confront organizations that fail to operate in a framework of honesty, integrity, and ethical behavior. It assists students to understand exposures in contracts and relationships with employees and third parties. It examines ethical behavior in business settings and shows the financial and other benefits to encouraging integrity across the enterprise. Uses case studies and exercises to illustrate concepts. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**BA-382. Insurance & Risk Management. 3.00 Credits.**

This course covers hazard risk and insurable exposures and techniques to mitigate them. It begins with the nature of risk. Then it examines avoidance, retention, reduction and transfer of risks. Topics include property, employer and general liability, homeowners and automobile coverages, the role of the modern risk manager.

**BA-383. Enterprise-Wide Risk Management. 3.00 Credits.**

This course covers the management of business and operational exposures in a framework of enterprise risk management (ERM). It examines the scope of risk management, the importance of risk identification, and the alignment of risk categories with the corporate business mode. It addresses functional, business unit, and key initiative exposures and the hierarchical structure to effectively manage the exposures. Prerequisites: AC-152 BL-161 EC-102 BA-319 BA-347 OR BA-351.

**BA-384. Sarbanes Oxley Compliance. 3.00 Credits.**

This course covers the requirements under the Sarbanes-Oxley legislation to increase the reliability of financial reporting and compliance with applicable laws and regulations. It covers the Public Accounting Oversight Board, parties regulated by the Act, policies mandated for public auditing firms, and the role external auditors. A major focus of the course deals dealing with the securities acts, audit and non-audit services, the role of the board of directors, and penalties for violations of securities and other laws.

**BA-388. Intro to Predictive Analytics & Visual. 3.00 Credits.**

In this course students are introduced to a variety of techniques including predictive modeling, data mining, and data visualization to analyze current and historical facts to make predictions about future business events. Students will, among others, learn how to improve their decision-making skills by boosting their visual thinking in this course. Prerequisites: BA-287.

**BA-394. Industry Practices in Project Management. 3.00 Credits.**

The course introduces traditional methods in project management, including project integration, project scope management, project time and cost management, and quality management, as well as the latest agile practices. Content is consistent with the PMBOK® Guide as well as other PMI standards and agile guides. Students prepare for the PMP® certification exam and learn to use Microsoft® Project to automate processes. The course prepares students to become Certified Associates in Project Management (CAPM®) or Certified Project Management Professionals (PMP®), if desired. Case studies, simulations, and software development projects are used throughout.

**BA-400. Gfm: Risk and Opportunity. 3.00 Credits.**

This course provides a comprehensive overview of the global financial environment and its impact on international business operations. Students will explore key topics such as foreign exchange markets, international financial instruments, global capital flows, and the role of multinational corporations in global markets. Emphasis is placed on understanding currency risk management, global financial regulations, and the financial strategies that multinational firms need to master to operate in diverse markets. The course equips students with the tools to assess and respond to global financial challenges, making them proficient in decision-making for international business ventures. This course will integrate lectures, case studies, group discussions, and hands-on projects, enabling students to apply theoretical knowledge to real-world international finance challenges and enhance their decision-making skills. Learning Outcomes Upon completion of this course, students should be able to 1. Understand the global financial environment and its influence on international business. 2. Analyze the structure and functioning of foreign exchange markets and their role in global trade and finance. 3. Evaluate financial risks in international transactions, including currency risk, political risk, and market risk. 4. Apply strategies to manage financial risk for multinational corporations, such as hedging techniques, futures, and options. 5. Interpret international financial regulations and their impact on multinational corporations and cross-border investments. 6. Assess global financing options for multinational firms, including international bonds, equity, and loans. 7. Critically analyze global capital flows and their effect on emerging markets and developed economies. 8. Formulate financial strategies to enhance profitability and competitiveness in the international arena. Prerequisites: EC-102, BA-248.

**BA-414. Predictive Modeling. 3.00 Credits.**

The course will introduce the student to higher level techniques of predictive modeling and analytics in a data-rich business environment. It covers the process of formulating business objectives, data selection, preparation, and partition to successfully design, build, evaluate and implement predictive models or a variety of practical business applications. It is a practice-oriented course will focus on applying data analytic tools to help companies answer critical business questions. Prerequisites: BA-287.



**BA-421. Doing Business Overseas. 3.00 Credits.**

This course is designed to expose students to the global business and legal environment through short-term study visits to selected overseas countries. The aim is to help participants develop a better and more practical understanding of the political, economic, legal and cultural environments of the countries visited. Possible additional nominal course fee required. Additional course fee of \$50. Course Type(s): International (Travel), Pluralism.

**BA-458. Business Strategy. 3.00 Credits.**

In this class students learn and practice how to craft, implement and evaluate cross-functional decisions in an integrated fashion. They develop their strategic management skills through a series of business strategy simulation games. As part of a management team, they "own" a business and play the role of managers who develop policies and plans to achieve organizational objectives. Prerequisites: AC-152 BL-161 EC-102 AND EC-300; Course Type(s): Capstone.

**BA-465. Executive Seminar. 3.00 Credits.**

An examination of contemporary management issues conducted by senior decision makers from both private and public sectors. Open by invitation only to Honors students and other qualified advanced undergraduates. Additional course fee of \$45.

**BA-496. Seminar in Business Administration. 3.00 Credits.**

This professional consultancy capstone course helps students to integrate and apply concepts, skills and techniques acquired in previous courses. The course requires deep student engagement, team collaboration and problem solving. This will be achieved by engaging with actual small/mid-size businesses. Participants will plan, execute and report findings of a consulting engagement with an assigned local business. Additional course fee of \$45. Prerequisites: BA-458, AND EITHER FN-401 OR FN-415; Course Type(s): Capstone.

**BA-499. Business Internship Experience. 3.00 Credits.**

This course is for upper level students, and involves an experiential learning component. Students must have an approved internship during the semester of enrollment and must work at least 10 hours per week in order to be eligible to register. Course content focuses on development of crucial soft skills, like interpersonal communication, teamwork, leadership, negotiation in the context of a job or internship as well as application of business knowledge to situations, experiences, problem-solving and adapting to the work environment. Prerequisites: BA-151, BA-155, AND JUNIOR STATUS.

**BC Courses****BC-295. Credited Internships. 3.00 Credits.****BC-390. Spec Topics: Biological Chem. 3.00 Credits.**

Conferences and literature research directed to the study of a particular area of biological chemistry. Area selected must coincide with faculty expertise. Prerequisites: BI-240 CH-366; Course Type(s): Capstone, Writing Intensive, Senior Seminar.

**BC-399. Independent Study. 1.00 Credit.****BC-442. Biochemistry I. 3.00 Credits.**

Protein structure and function, enzymes, enzyme kinetics and mechanism, metabolism, techniques in protein chemistry. Prerequisites: CH-251.

**BC-442L. Biochemistry 1 Lab. 1.00 Credit.**

Protein purification, enzyme kinetics, enzyme inhibition and western blotting. Prerequisites: CH-251; Course Type(s): Lab Courses.

**BC-443. Biochemistry II. 3.00 Credits.**

Biosynthesis, hormone regulation, RNA and DNA metabolism, Regulation of gene expression, Techniques in nucleic acid chemistry. Prerequisites: BC-442.

**BC-443L. Biochemistry II Lab. 1.00 Credit.**

Biosynthesis, hormone regulation, RNA and DNA metabolism, regulation of gene expression, techniques in nucleic acid chemistry. Lab Prerequisites: BC-442; Course Type(s): Lab Courses.

**BC-492. Biological Chemistry. 3.00 Credits.**

The chemistry and metabolism of biological compounds, including proteins, carbohydrates, lipids and nucleic acids. Enzyme kinetics, bioenergetics and cellular organization. Expression and processing of biological information including replication of DNA, transcription, translation, regulation and recombinant DNA technology.

## BI Courses

### **BI-122. Nutrition in Health and Disease. 3.00 Credits.**

This course will explore a wealth of current information surrounding optimal nutrition and its association with disease prevention. Students will learn how to develop and implement a personal diet plan utilizing relevant nutritional recommendations and research for the enhancement of health and well-being. Course Type(s): Natural Science, STEM.

### **BI-123. Concepts of Biology. 3.00 Credits.**

The major concepts which unify the attempt of scientist to achieve an ever increasing understanding of life. The comprehension of these concepts enables a solid foundation in the scientific method, chemistry of life, metabolism, genetics, evolution and diversity of life. Course Type(s): Natural Science, STEM.

### **BI-124. Human Structure and Function. 3.00 Credits.**

The morphology and physiology of the human body. The structure and role of all systems. Interaction of systems with each other and with the environment. Course Type(s): Natural Science, STEM.

### **BI-125. Heredity. 3.00 Credits.**

Principles of genetics applied to humans. Human traits, genetic basis of human disorders, genetic counseling, and genetic engineering. Course Type(s): Natural Science, STEM.

### **BI-126. The Human Environment. 3.00 Credits.**

Relationships between humans and their environment. Sources of energy and food. Pollution, conservation of natural resources, and population problems. Course Type(s): Natural Science, STEM.

### **BI-161. Basic Microbiology. 4.00 Credits.**

The biology of bacteria and viruses: their morphology, physiology, and ecology. The role of microorganisms in disease and the principles of immunology. Includes laboratory.

### **BI-161L. Basic Microbiology Lab. 0.00 Credits.**

Laboratory for BI-161 Basic Microbiology Prerequisites: BI-161 Course Type(s): Lab Courses.

### **BI-171. Anatomy and Physiology I. 4.00 Credits.**

Emphasis on the structure and function of the major systems of the human body and its variations from the normal. The cellular, embryological, and genetic basis of structure and function are also considered. Includes laboratory. Not open to majors in biology and natural sciences. Course Type(s): Natural Science, STEM.

### **BI-171L. Anatomy and Physiology I Lab. 0.00 Credits.**

Laboratory for BI-171 Anatomy and Physiology, I Prerequisites: BI-171 Course Type(s): Lab Courses.

### **BI-172. Anatomy and Physiology II. 4.00 Credits.**

Emphasis on the structure and function of the major systems of the human body and its variations from the normal. The cellular, embryological, and genetic basis of structure and function are also considered. Includes laboratory. Not open to majors in biology or natural sciences. Prerequisites: BI-171; Course Type(s): Natural Science, STEM.

### **BI-172L. Anatomy and Physiology II Lab. 0.00 Credits.**

Laboratory for BI-172 Anatomy and Physiology, II Prerequisites: BI-172 Course Type(s): Lab Courses.

### **BI-183. General Biology I. 3.00 Credits.**

Biological principles including scientific method, biological chemistry concepts, characteristics of life, cells and reactions, Mendelian and Molecular Genetics. Course Type(s): Natural Science, STEM.

### **BI-184. General Biology II. 3.00 Credits.**

Biological principles including origin of life, evolution, population genetics, diversity of life, comparative plant and animal biology, ecology. Prerequisites: C OR BETTER IN BI-183 FOR BIOLOGY MAJOR OR MINOR. Course Type(s): Natural Science, STEM.

### **BI-185. General Biology I Lab. 1.00 Credit.**

Laboratory course to accompany BI-183. Additional course fee of \$100. Course Type(s): Lab Courses.

### **BI-186. General Biology II Lab. 1.00 Credit.**

Laboratory course to accompany Bi-184. Additional course fee of \$100. Prerequisites: C OR BETTER IN BI-185 FOR BIOLOGY MAJOR OR MINOR. Course Type(s): Lab Courses.

### **BI-215. Principles of Anatomy and Physiology. 4.00 Credits.**

Studies of the structure and function of organ systems with emphasis on homeostatic regulatory mechanisms. Include laboratory. Additional course fee of \$100. Prerequisites: C OR BETTER IN BI-184.

**BI-215L. Principles of Anatomy and Physiology Lab. 0.00 Credits.**

Laboratory for Anatomy and Physiology (BI-215) Prerequisites: BI-215; Course Type(s): Lab Courses.

**BI-220. Concepts of Human Health & Disease. 3.00 Credits.**

A survey of the mechanisms of disease, their expression in major organ systems, the factors that cause disruption of healthy body functions, leading to disease, and disease prevention. The goal is to use scientific reasoning to make informed decisions about matters related to human biology and health. Prerequisites: BI-171 AND BI-172 MINIMUM GRADE C.

**BI-237. Forensic Science. 3.00 Credits.**

The basic concepts and practices of biology and chemistry as applied to criminal investigation, examining and preserving forensic evidence, conducting crime-scene investigations, and science in the courts. Laboratory experience. Not open to Biology majors. Additional course fee of \$75.

**BI-240. Cell and Molecular Biology. 4.00 Credits.**

Living systems at the cellular, subcellular, and molecular levels, Emphasis on molecular control of cellular activity, intermediate metabolism, and energy transformation. Additional course fee of \$100. Prerequisites: C OR BETTER IN BI-184 FOR BIOLOGY MAJOR OR MINOR.

**BI-240L. Cell & Molecular Bio Lab. 0.00 Credits.**

Laboratory for Cell and Molecular Biology (Bi 240) Prerequisites: BI-240; Course Type(s): Lab Courses.

**BI-254. Contemporary Issues in Bioethics. 3.00 Credits.**

An examination of contemporary issues in biomedical ethics, including abortion, euthanasia, the doctor-patient relationship, confidentiality, truth-telling, genetics, cloning, reproductive technologies, the just allocation of scarce medical resources. Values course. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**BI-271. Concepts of Public Health. 3.00 Credits.**

Introduction to Public Health Issues - public health laws, policy cycle, demographics, and epidemiological concepts and applications.

**BI-295. Credited Internships. 3.00 Credits.****BI-301. Medical Immunology. 3.00 Credits.**

An examination of the basics of immunology from the molecular to the cellular and organism level. A discussion of interactions in the healthy and disease states and the use of immunotherapy in medicine and the future of diagnostic immunology in health care. Prerequisites: BI-240 MUST BE COMPLETED PRIOR TO TAKING THIS COURSE.

**BI-303. Medical Terminology. 3.00 Credits.**

This course is designed to provide the student with a basic understanding of the unique language needed to communicate effectively as a health care professional. A major focus is to develop skill sin word analysis. The basic structure of medical terms and the rules for word building and word deconstruction will be discussed in the context of how the body works in health and disease. Prerequisites: BI-215 OR BI-172.

**BI-310. Ecology. 4.00 Credits.**

The usual definition of ecology - the relationship between organisms and their environment - is expanded to include the biological as well as the physical conditions under which an organism, population, or species lives to show that relationships involve the interactions between the biotic world and the physical world as well as between members of the same species and between different species. Additional course fee of \$100. Prerequisites: BI-183, BI-185, BI-184, BI-186, C OR BETTER IN BI-240; Course Type(s): Writing Intensive, Service Learning.

**BI-310L. Ecology Lab. 0.00 Credits.**

Laboratory for BI-310 Ecology Prerequisites: BI-184 OR BI-186; Course Type(s): Lab Courses.

**BI-311. Field Studies in Biology. 3.00 Credits.**

Methodology used in biology and environmental science field work will be emphasized as will data collection methods and tools used in the analysis and interpretation of data and results. Prerequisites: EV-100 OR BI-184.

**BI-312. Biology of Global Change. 3.00 Credits.**

This course will investigate natural and anthropogenic global change and its impact on marine, fresh water, terrestrial and human dominated ecosystems. Prerequisites: C OR BETTER IN BI-184 FOR BIOLOGY MAJOR OR MINOR. Course Type(s): Pluralism.

**BI-313. Human Evolution Ecology and Adaptation. 3.00 Credits.**

This interdisciplinary course focuses on evolutionary adaptations of the human species to nature and ways it has adapted nature to serve its needs. These adaptations and their consequences for changes in human ways of life are central to this course. Prerequisites: BI-184 OR SO-121.

**BI-325. Adv. Topics in Anatomy and Physiology. 3.00 Credits.**

Continuation of BI-215, Principles of Anatomy and Physiology. Selected topics in anatomy and physiology with special reference to current clinical issues. Prerequisites: BI-215.

**BI-326. Adv Topics: Anatomy and Physiology Lab. 1.00 Credit.**

Laboratory course to accompany BI-325, Adv. Topics in Anatomy and Physiology. Additional course fee of \$100. Prerequisites: BI-215; Course Type(s): Lab Courses.

**BI-330. Environmental Health. 3.00 Credits.**

Topics include pollution, including environmental endocrine disruptors/ plasticizers, plastic micro particles food safety natural resources and their conservation, natural medicinal products, positive effects of nature emerging infectious diseases climate change and health malnutrition the diabetes epidemic environmental causes of birth defects and cancer. Prerequisites: BI-172 OR BI-215 MINIMUM GRADE C MUST BE COMPLETED PRIOR TO TAKING THIS COURSE.

**BI-340. Pathophysiology. 3.00 Credits.**

Biological processes which affect the human body's dynamic equilibrium, or homeostasis, associated with potential or actual disease conditions. Prerequisites: BI-172 OR BI-215 MINIMUM GRADE C MUST BE COMPLETED PRIOR TO TAKING THIS COURSE.

**BI-350. Genetics. 4.00 Credits.**

Theories of heredity and variation. Pre- Mendelian, Mendelian, cytogenetics, and population genetics. Application of theories in laboratory. Additional course fee of \$100. Prerequisites: C OR BETTER IN BI-240.

**BI-350L. Genetics Lab. 0.00 Credits.**

Laboratory for BI-350 Genetics Prerequisites: BI-350; Course Type(s): Lab Courses.

**BI-361. Criminalistics & Forensic Science. 3.00 Credits.**

The theory and application of the principles of forensic science. Lab includes an analysis of the techniques and procedures in forensic science. Prerequisites: C OR BETTER IN BI-240.

**BI-365. Science Teaching and Communication. 3.00 Credits.**

In this course students perform a deep analysis of a socioscientific issue and develop a pedagogical/communication plan that encourages engagement and scaffolds constructive socioscientific reasoning. Prerequisites: BI-184; MINIMUM GRADE C; Course Type(s): Pluralism.

**BI-370. General Virology. 3.00 Credits.**

Study of the physical, chemical and biological properties of viruses. Prerequisites: C OR BETTER IN BI-240.

**BI-385. Ornithology: the Science of Birds. 3.00 Credits.**

The scientific study of birds, with a focus on behavior (e.g. intelligence, songs), diversity, evolution, migration patterns, and habitat needs. This course will involve fieldwork and bioacoustic analysis. Prerequisites: C OR BETTER IN BI 184.

**BI-389. Intro to Forensic Pathology. 3.00 Credits.**

This course introduces students to the theory and practice of forensic pathology, and underscores the importance of thorough death investigations in the criminal justice system. Topics covered includes the role of the forensic pathologist, postmortem changes, autopsies, causes of death, classification and documentation of injuries, toxicology, and other related forensic disciplines.

**BI-393. Civilization & Disease. 3.00 Credits.**

A survey of the impact of disease on the course of human history. Prerequisites: BI-184.

**BI-394. Epidemiology. 3.00 Credits.**

Applications of epidemiologic methods and procedures to the study of the distribution and determinants of health and diseases in populations. Infections versus chronic diseases, data sources, study design and measures of morbidity and mortality will be studied. Prerequisites: BI-172 OR BI-184 MINIMUM GRADE C MUST BE COMPLETED PRIOR TO TAKING THIS COURSE. MA-132 OR MA-212 CONCURRENTLY OR PRIOR TO TAKING THIS COURSE.

**BI-400. Sustainability: Plan for a Better Future. 3.00 Credits.**

Students will learn about the 17 United Nations Sustainable Development Goals or Global Goals which are designed to be a "shared blueprint for peace and prosperity for people and the planet, now and into the future". Students will design a project based on a deeper exploration of one (or more) sustainable goals of their choosing. Prerequisites: EV-100 OR BI-184 OR BI-172 AND COMPLETED 60 CREDITS.

**BI-435. Development. 3.00 Credits.**

Developmental phenomena are approached first by analysis of the molecular and cellular basis of these processes, which are common to the eukaryotes, and secondly by descriptions of selected examples of development, including fungi, protozoa, algae, higher plants, and invertebrates. Includes laboratory. Additional course fee of \$100. Prerequisites: C OR BETTER IN BI-240; Course Type(s): Lab Courses.

**BI-450. Microbiology. 4.00 Credits.**

Microorganisms, with emphasis on the morphology, physiology, and ecological roles of bacteria and viruses. Principles of immunology. Includes laboratory. Additional course fee of \$75. Prerequisites: C OR BETTER IN BI-240.

**BI-450L. Microbiology Lab. 0.00 Credits.**

Lab to accompany Microbiology - BI-450. Prerequisites: C OR BETTER IN BI-240; Course Type(s): Lab Courses.

**BI-452. Evolution. 3.00 Credits.**

Consideration of organic evolution including the origin of cells, adaptive radiation, natural selection, population genetics, and human evolution. Prerequisites: BI-215.

**BI-458. Parasitology. 3.00 Credits.**

Biology, epidemiology, pathology, and diagnosis of animal and human parasites. Physiology of host-parasite interplay. Includes laboratory. Additional course fee of \$75. Prerequisites: C OR BETTER IN BI-240; Course Type(s): Lab Courses.

**BI-460. Histology. 3.00 Credits.**

Cell types and tissues of vertebrates on the microscopic and submicroscopic levels disposition of tissues in the various organs. Includes laboratory. Additional course fee of \$75. Prerequisites: C OR BETTER IN BI-240.

**BI-462. Botany. 3.00 Credits.**

Structure, functions, development, and ecological relationships of higher plants. Evolutionary and phylogenetic survey of the plant kingdom (including fungi). Includes laboratory. Additional course fee of \$50. Prerequisites: C OR BETTER IN BI-240.

**BI-464. Immunology. 3.00 Credits.**

The study of the basic concepts of cellular and humoral products of the immune system. Genetics of immunoglobulin production, antigen - antibody reactions, immunopathological mechanisms of hypersensitivity, auto immunity, transplantation and immunodeficiency. Prerequisites: C OR BETTER IN BI-240.

**BI-469. Human Nutrition. 3.00 Credits.**

The study of nutritional principles and the application of these principles to daily health maintenance as well as conditions which require special diet management. Prerequisites: BI-172 OR BI-215 MINIMUM GRADE C MUST BE COMPLETED PRIOR TO TAKING THIS COURSE.

**BI-473. Vertebrate Zoology. 3.00 Credits.**

A survey of the vertebrates with an emphasis on classification, structure, function, and evolution. Laboratory included. Prerequisites: BI-215.

**BI-485. Current Issues in Biology. 3.00 Credits.**

Current topics in the biological sciences. Lectures, discussions and critical analysis of journal articles and other readings related to the course. Capstone for Biology majors. Prerequisites: C OR BETTER IN BI-240; Course Type(s): Capstone, Senior Seminar, Writing Intensive.

**BI-488. Astrobiology. 3.00 Credits.**

The biological perspective on the origin of life, its evolution, the search for habitable planets, exploration of our solar system and beyond, and the future of life on Earth and elsewhere. Prerequisites: BI-184.

**BI-489. Globalization & Fieldwork Seminar. 3.00 Credits.**

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional course fee of \$50. Prerequisites: BI-184; Course Type(s): International (Travel), Pluralism.



**BI-497. Research I. 3.00 Credits.**

Introduction to biological research. Topics will include: experimental research techniques, bibliographic searching, the review and publishing process, presentation of papers at scientific meetings and writing grants. Additional course fee of \$50. Prerequisites: C OR BETTER IN BI-240 AND PERMISSION OF INSTRUCTOR. Course Type(s): Senior Seminar, Capstone, Writing Intensive.

**BI-498. Research II. 3.00 Credits.**

An original independent lab research project for upper-level students, under the supervision of a faculty member. Additional course fee of \$50. Prerequisites: C OR BETTER IN BI-240 AND PERMISSION OF INSTRUCTOR. Course Type(s): Capstone, Writing Intensive.

**BI-499. Natural Ecosystems of New Jersey. 3.00 Credits.**

An overview of the animals and plants of New Jersey as well as physical features such as geology and climate. Emphasis on the diversity of NJ wildlife and habitats, with discussion of such issues as conservation of natural resources, forest and wildlife management, and pollution. Will be taught through field trips. Additional course fee of \$235. Prerequisites: C OR BETTER IN BI-184 OR PERMISSION OF INSTRUCTOR.

**BL Courses****BL-161. Introduction to Law & Contracts. 3.00 Credits.**

Introduction to the legal system; the nature of contracts; the statute of frauds; assignment of contracts; methods of discharging obligations in contract; remedies upon breach of contract.

**BL-162. Agency & Business Organization. 3.00 Credits.**

The nature and creation of an agency relationship, a partnership, a corporation the rights and duties of the various parties the law of trade regulation and unfair competition. Prerequisites: BL-161.

**BL-165. International Law and Property Rights. 3.00 Credits.**

The key to international business success is minimizing risk. The course emphasizes the management of risk when doing business over great distances. Examines legal aspects of trade, intellectual property and foreign direct investment.

**BL-241. Real and Personal Property. 3.00 Credits.**

The nature of real and personal property methods of transferring title bailment duties and liabilities of common carriers rights of society trusts insurance security interest. Prerequisites: BL-161.

**BL-250. Law and Ethics. 3.00 Credits.****BL-251. Uniform Commercial Code. 3.00 Credits.**

Study of Articles 1, 2, 3, 4 and 9 of the Uniform Commercial Code. Form and content of commercial paper bank deposits and collections security interest in personal property product liability. Prerequisites: BL-161.

**BL-295. Credited Internships. 3.00 Credits.**

Students have the unique opportunity to earn academic credit through the Credited Internships Program at the Center for Career Engagement & Experiential Learning (CEEL). Internships can be paid or volunteer-related experiences. Course Type(s): Independent Study.

**BL-310. Sports Law. 3.00 Credits.**

This course will provide students an overview of law as it relates to sports topics including but not limited to sports representation and management, constitutional law, intellectual property law, Title IX and sports crimes. Prerequisites: BL-161 AND BL-162.

**BL-330. Negotiation and Conflict Resolution. 3.00 Credits.**

This course focuses on the nature, cause, progression and resolution of conflicts and disputes. Particular emphasis will be placed on disputes involving commercial issues and businesses. Students will gain knowledge and apply techniques to facilitate, mediate and successfully resolve disputes over a range of situations. Methods of conflict de-escalation and pursuit of settlement through negotiation will be learned and applied. Prerequisites: BA-240 OR BL-161.

**BL-333. Environmental Law. 3.00 Credits.**

This course is designed to expose students to several environmental statutes including the Clean Air Act and the Pollution Control Law, as well as environmental sustainability. Prerequisites: BL-161.

**BL-399. Independent Study. 1.00 Credit.****BL-421. Doing Business Overseas. 3.00 Credits.**

This course is designed to expose students to the global business and legal environment through short-term study visits to selected overseas countries. The aim is to help participants develop a better and more practical understanding of the political, economic, legal and cultural environments of the countries visited. Additional course fee of \$50. Course Type(s): International (Travel), Pluralism.

**BL-481. Tax Research & Writing. 3.00 Credits.**

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Tax Research Assignment research and provide initial recommendation/conclusion on client fact pattern and applicable tax authority. Evaluate what insights would be helpful to solve a client engagement problem regarding data. As part of the process, use systems thinking to help uncover relevant insights, summarize the key outputs needed in order to solve the business problem, and share with the team.

**BL-495. Exploring Legal Concepts Overseas. 3.00 Credits.**

In this course we will discuss different legal concepts as they pertain to foreign countries and as compared/contrasted to the American Legal System. Such topics may include, but are not limited to, the structure of the legal system, the origin and philosophy of law, the social and economic effects of the law in the foreign country, contemporary and controversial legal issues in the foreign country, and the impact all of these concepts may have had and/or continue to have on American Law. Possible additional nominal course fee required. Additional course fee of \$50. Course Type(s): International (Travel), Pluralism.

## BT Courses

**BT-110. Science Goes to the Movies. 3.00 Credits.**

This course considers the evolution of the science behind the movies - the technical advances that have made modern movie making possible and how the treatment of science, scientific discovery and inventions have evolved particular movie genres. Lectures and movie clips will be used to illustrate the above.

**BT-130. Technology in the 21st Century. 3.00 Credits.**

This course will discuss the history, development and scientific breakthroughs that have led to the amazing devices and technologies available to humans today. Particular attention to the people, time and places involved in the development of inventions like TV, radio, computers, phones, transmission of electric power, movies, and some of the many advances in genetics and medicine.

**BT-140. How Stuff Works. 3.00 Credits.**

This course will illustrate how the many devices we use in everyday life were invented and how they work. Devices like the radio, TV, microwave, smart phones, computers, etc. will be used as examples.

**BT-150. The Gene - Mystery of Inheritance. 3.00 Credits.**

A Historical and Scientific Journey into the Mystery of Inheritance: In the past 150 years, the concept of the Gene - the molecular particle that contains the information of inheritance - has enriched human understanding of genetics. We now have the tools to control some aspects of genetics and even alter our own evolution. This course will explore this scientific journey - using the contributions of the many scientists who have written a story that is changing living history itself.

**BT-301. Medical Immunology. 3.00 Credits.**

An examination of the basics of immunology from the molecular to the cellular and organism level. A discussion of interactions in the healthy and disease states and the use of immunotherapy in medicine and the future of diagnostic immunology in health care. Prerequisites: BI-240.

**BT-420. Biomedical Applications of DNA Tech. 3.00 Credits.**

This course will focus on the use of current DNA technologies for biomedical applications. Specific emphasis will be placed on the use of these technologies in gene transfer, gene identification, genomics and gene therapy. Prerequisites: BI-240 BI-350 CH-252.

**BT-429. Special Topics in Biotechnology. 3.00 Credits.**

This course will explore current and new technologies developments in biotechnology. It will include the use of computer image analysis, nuclear transplantation, confocal microscopy, and protein separation technology and microarray hybridization. Ethical parties will be considered. Prerequisites: BI-240 BI-350 CH-252.

**BT-440. Research in Biotechnology I. 2.00 Credits.**

This laboratory course will include experience in clinical cytogenesis, molecular and biochemical genetic testing, bioinformatics, micro array chip technology, PCR and various other applications of biotechnology techniques for clinical and research work. Prerequisites: BI-240 BI-350 CH-252; Course Type(s): Senior Seminar.

**BT-441. Research in Biotechnology II. 2.00 Credits.**

This laboratory course builds on the previous course (Research in Biotechnology I) and expands the student's knowledge and skills in clinical cytogenesis, molecular and biochemical genetic testing, DNA microscopy, chip technology, PCR and various other applications of biotechnology techniques for clinical and research work. Prerequisites: BT-440 BI-240 BI-350 CH-252.

**CC Courses****CC-256. Greek and Roman Mythology. 3.00 Credits.**

A study of Greek and Roman mythology; the theories of myth and their application to the specific cycles of myths; the use of myth in literature and art.

**CC-287. The City of Rome. 3.00 Credits.**

An in-depth study of the history of the City of Rome with emphasis on art and architecture. An artistic history of Rome from prehistoric times through the eighteenth century.

**CC-330. Greek Mythology: When Women Were Gods. 3.00 Credits.**

A study of Greek Mythology: the theories of myth and their specific influence in literature, media, and art. Prerequisites: MUST COMPLETE TWO COURSES FROM EL-121, EL-122, EL-134, EL-201, EL-202, EL-203, EL-204.

**CH Courses****CH-108. Science for Educators. 3.00 Credits.**

A study of the concepts that underlie the natural science content in the elementary school curriculum in the United States. Topics include matter and energy, simple machines, sound, light, weather and climate, structure of the earth and the universe, electricity, and living things. The course is intended for individuals who expect to teach in primary & elementary school. Course Type(s): Natural Science, STEM.

**CH-110. Chemical Principles. 3.00 Credits.**

Structure of matter, chemical reactions, stoichiometry; preparatory course for CH-131. Course Type(s): Natural Science, STEM.

**CH-129. Science Fact Or Science Fiction?. 3.00 Credits.**

Students will review a selection of science fiction short stories, novels and films--in class discussion and research writing--to understand the science behind these works, in an attempt to separate fact from fiction. Partially fulfills the core requirement in natural science. Course Type(s): Natural Science, STEM.

**CH-130. Chemistry & Cooking: Perfect Together. 3.00 Credits.**

A look at the science behind cooking, including choice of cooking method, purpose of ingredients in a recipe, ethnic cuisines, and techniques. Course will include hands-on experience. Course Type(s): Natural Science, STEM.

**CH-131. General Chem and Qualitative Analysis 1. 3.00 Credits.**

Introduction to the laws and theories of chemistry, emphasizing fundamental mathematical and laboratory skills required for expertise in the field. Three class periods, one four-hour laboratory period weekly. Course Type(s): Natural Science, STEM.

**CH-131L. Gen Chem and Qualitative Analysis 1 Lab. 1.00 Credit.**

Laboratory for General Chemistry and Qualitative Analysis I (CH-131); Additional lab fee of \$100. Course Type(s): Lab Courses.

**CH-132. General Chem and Qualitative Analysis 2. 3.00 Credits.**

Introduction to the laws and theories of chemistry, emphasizing fundamental mathematical and laboratory skills required for expertise in the field. Three class periods, one four-hour laboratory period weekly. Prerequisites: CH-131 Course Type(s): Natural Science, STEM.

**CH-132L. Gen Chem and Qualitative Analysis 2 Lab. 1.00 Credit.**

Laboratory for General Chemistry and Qualitative Analysis II (CH-132) Additional lab fee of \$100. Prerequisites: CH-131; Course Type(s): Lab Courses.

**CH-237. Forensic Science. 3.00 Credits.**

The basic concepts and practices of biology and chemistry as applied to criminal investigation, examining and preserving forensic evidence, conducting crime-scene investigations, science in the courts, laboratory experience. Three class periods weekly. Additional course fee of \$75. Prerequisites: BI-122 OR BI-184; Course Type(s): Natural Science, STEM.

**CH-238. The Science of Art. 3.00 Credits.**

Materials of art and artifacts, scientific and technical principles underlying the creation of art works, authentication and forgery, deterioration due to time and environment, restoration techniques. Three class periods weekly. Additional course fee of \$75. Course Type(s): Natural Science, STEM.

**CH-251. Organic Chemistry I. 3.00 Credits.**

Nomenclature, structure, reactions and spectroscopy of organic compounds with emphasis on reaction mechanisms selected laboratory experiments and preparations. Three class periods, one four-hour laboratory period weekly. Prerequisites: CH-132.

**CH-251L. Organic Chemistry I Lab. 1.00 Credit.**

Laboratory for Organic Chemistry I Lab (CH-251). Additional lab fee of \$100. Prerequisites: CH-251 Course Type(s): Lab Courses.

**CH-252. Organic Chemistry II. 3.00 Credits.**

Nomenclature, structure, reactions and spectroscopy of organic compounds with emphasis on reaction mechanisms selected laboratory experiments and preparations. Three class periods, one four-hour laboratory period weekly. Prerequisites: CH-251.

**CH-252L. Organic Chemistry II Lab. 1.00 Credit.**

Laboratory for Organic Chemistry II (CH-252) Additional lab fee of \$100. Prerequisites: CH-251; Course Type(s): Lab Courses.

**CH-270. Chemistry of Death Studies. 3.00 Credits.**

This is a survey course on death, death care, mortuary science, the history of death care, and death iconography from a chemical perspective. Students will apply topics relevant to chemistry, biochemistry, and physics to understand the process of death, decomposition, decay, and understand the chemical processes of the body before and after death. Students will also explore human interventions on death and body disposal (such as embalming and cremation) and the chemical processes involved. The environmental impact and chemistry of various body disposal methods as well as memorials (tombstones, grave markers) will be explored. Additionally, chemicals specific to the human corpse and decay process will be covered and remarkable case studies of corpse preservation will be covered. This course seeks to highlight the diversity of death processes across the world and provide understanding of many of these processes from a scientific point of view. Prerequisites: CH-131 , CH-132 GENERAL CHEMISTRY 1 & 2 ARE RECOMMENDED OR BEING A SECOND YEAR MAJOR OR HIGHER IN CHEMISTRY, BIOCHEMISTRY, BIOLOGY, ENVIRONMENTAL STUDIES, OR A SIMILAR MAJOR.

**CH-295. Credited Internships. 3.00 Credits.****CH-329. Analytical Chemistry. 3.00 Credits.**

Statistical methods principles and procedures of quantitative analysis titrimetric, potentiometric and colorimetric methods. Three class periods, one four-hour laboratory period weekly. Prerequisites: CH-132.

**CH-329L. Analytical Chemistry Lab. 1.00 Credit.**

Laboratory for Analytical Chemistry (CH-329). Additional lab fee of \$100. Course Type(s): Lab Courses.

**CH-347. Principles of Physical Chemistry. 3.00 Credits.**

Foundations of thermodynamics, chemical kinetics and electrochemistry. Prerequisites: CH-132.

**CH-353. Medicinal Chemistry. 3.00 Credits.**

An overview of modern day drug discovery, enzymes, receptors, pharmacokinetics and pharmaceutical synthesis. Prerequisites: CH-251.

**CH-355. Polymer Functionality. 3.00 Credits.**

This course covers recent developments at the interface of polymer chemistry and pharmaceutical sciences, focusing on areas where polymers have made a particularly strong contribution, including pharmaceuticals, as well as the biomedical sciences. Detailed description involving the synthesis and chemical properties of biopolymers, biomaterials, nanotechnology, smart polymers, functional applications in biotechnology, tissue and cell engineering, biosensors, and drug delivery, is also integrated into the course. Prerequisites: CH-252.

**CH-361. Criminalistics & Forensic Science. 3.00 Credits.**

The theory and application of the principles of forensic science. Lab includes an analysis of the techniques and procedures in forensic science. Prerequisites: CH-132.

**CH-365. Physical Chemistry I. 3.00 Credits.**

Physico-chemical properties of gases, liquids and solids thermodynamics solutions and colloids electro-chemistry chemical kinetics nuclear, atomic and molecular structure. Three class periods one four-hour laboratory weekly.

Prerequisites: CH-132 PC-186 MA-273.

**CH-365L. Physical Chemistry I Lab. 1.00 Credit.**

Laboratory for Physical Chemistry I (CH-365). Additional lab fee of \$100. Course Type(s): Lab Courses.

**CH-366. Physical Chemistry II. 3.00 Credits.**

Physico-chemical properties of gases, liquids and solids thermodynamics solutions and colloids electro-chemistry chemical kinetics nuclear, atomic and molecular structure. Three class periods one four-hour laboratory weekly.

Prerequisites: CH-365.

**CH-366L. Physical Chemistry II Lab. 1.00 Credit.**

Laboratory for Physical Chemistry II (CH-366). Additional lab fee of \$100. Course Type(s): Lab Courses.

**CH-372. Synthetic Organic Chemistry. 3.00 Credits.**

This course covers modern techniques of organic synthesis, focusing on complex biologically active organic molecules and natural products, with emphasis on reaction mechanism, stereochemistry, structure, and retrosynthetic analysis. Prerequisites: CH-252.

**CH-399. Independent Study. 1.00 Credit.****CH-442. Biochemistry I. 3.00 Credits.**

Protein structure and function, enzymes, enzyme kinetics and mechanism, metabolism, techniques in protein chemistry. Prerequisites: CH-251.

**CH-442L. Biochemistry 1 Lab. 1.00 Credit.**

Protein purification, enzyme kinetics, enzyme inhibition and western blotting. Additional lab fee of \$100. Prerequisites: CH-251; Course Type(s): Lab Courses.

**CH-443. Biochemistry II. 3.00 Credits.**

Biosynthesis, hormone regulation, RNA and DNA metabolism, Regulation of gene expression, Techniques in nucleic acid chemistry. Prerequisites: CH-442.

**CH-443L. Biochemistry II Lab. 1.00 Credit.**

Biosynthesis, hormone regulation, RNA and DNA metabolism, regulation of gene expression, techniques in biotechnology. Lab Additional lab fee of \$100. Prerequisites: CH-442; Course Type(s): Lab Courses.

**CH-449. Inorganic Chemistry. 3.00 Credits.**

The electronic structure of matter nature of the chemical bond ionic solids symmetry transition metal and organometallic chemistry. Three class periods, one four-hour laboratory period weekly. Prerequisites: CH-251.

**CH-449L. Inorganic Chemistry Lab. 1.00 Credit.**

Lab for Inorganic Chemistry. Additional lab fee of \$100. Course Type(s): Lab Courses.

**CH-460. Instrumental Analysis. 4.00 Credits.**

Theory and applications of current techniques includes spectroscopic (IR, AA, UV-Visible, NMR, mass), electro chemical, and chromatographic methods of analysis along with wet chemical methods. Three class periods, one four-hour laboratory period weekly. Prerequisites: CH-329.

**CH-499. Research in Chemistry. 3.00 Credits.**

Independent research on an assigned problem; seminar extends through the entire year. Hours arranged with the individual mentor but the group meets weekly for one hour. Additional course fee of \$75. Course Type(s): Capstone, Writing Intensive, Senior Seminar.

**CJ Courses****CJ-165. Introduction to Criminology. 3.00 Credits.**

Theories and research findings on lawbreaking; the role of criminal law; types of criminal careers; crime prevention and the criminal justice system.



**CJ-170. Introduction to Criminal Justice. 3.00 Credits.**

This survey course provides an overview of the American criminal justice system. Students will explore crime reporting, crime patterns, and the major criminological theories. They will also study the three branches of the criminal justice system: law enforcement, the judiciary, and corrections, examining the roles of each in maintaining public order and ensuring justice. Topics covered include criminal law, criminal procedure, policing strategies, the court system, sentencing policies, incarceration and its alternatives, and juvenile justice.

**CJ-175. Introduction to Law Enforcement. 3.00 Credits.**

This course provides students with an understanding of the roles and functions of law enforcement agencies within the criminal justice system and the communities they serve. Students will explore the history and evolution of policing, different models of policing, the duties and responsibilities of law enforcement officers, and current challenges faced by law enforcement officers. Students will also examine topics that include community policing, police patrol, discretion, use of force, use of technology, specialized roles, ethical issues, de-escalation, officer resiliency, and the relationship between law enforcement and the community. Prerequisites: CJ-170.

**CJ-177. Police Culture. 3.00 Credits.**

The total way of life of police: formal and informal on the job and off the job. Police norms, values, beliefs and behavior. Police brutality, corruption, community relations, misunderstandings, and scapegoating are considered. Prerequisites: CJ-175 OR CJ-170.

**CJ-185. Special Topic-Law & Justice: Emmett Till. 3.00 Credits.**

An in-depth study of the life, death, and legacy of Emmett Till.

**CJ-210. Multiculturalism in Criminal Justice. 3.00 Credits.**

This course explores multiculturalism and diversity within the context of the criminal justice system. Students will examine the ways in which cultural, racial, ethnic, religious, and social identities impact perceptions of and experiences with law enforcement, the judiciary, and corrections. Students will evaluate cultural competence in policing, bias in the criminal justice system, disparities in sentencing and incarceration, and other impediments to justice in a multicultural society. Additionally, strategies for promoting equity in law enforcement policies and practices will be contemplated. Course Type(s): Pluralism.

**CJ-222. Family Law. 3.00 Credits.**

A study of laws and court decisions regarding marriage, cohabitation, divorce, child custody and support, reproductive rights, adoption, parental rights and child abuse and neglect.

**CJ-225. Sports and Crime. 3.00 Credits.**

One commonality between sports and crime would be the entertainment value of both subjects-sports providing the world with both televised and live entertainment and crime serving as the topic for media's favorite genre. The connection runs much deeper, however, as sports and crime are inextricably linked at all levels. This class will cover famous sports scandals; illegal gambling operations and Olympic Committee corruption; doping; race and sports; gender and sports; sports fan aggression, athletes accused of crimes; the disparities in treatment of accused athletes, and sports leagues' policies.

**CJ-230. Homeland Security & Terrorism. 3.00 Credits.**

This course examines the structure, strategies, policies, and practices of Homeland Security agencies, and responses to terrorism and terroristic threats. Students will study the historical evolution of homeland security, the origins and nature of modern terrorism, ideologies and tactics of terrorist organizations, and methods of counterterrorism and security measures that are employed by governments and international organizations. Topics covered include emergency preparedness and response, intelligence gathering and analysis, cybersecurity, ethical considerations surrounding counterterrorism efforts, counterterrorism laws, and the impact of terrorism on public policy and civil liberties. Prerequisites: CJ-170.

**CJ-237. Forensic Science. 3.00 Credits.**

The basic concepts and practices of biology and chemistry as applied to criminal investigation, examining and preserving forensic evidence, conducting crime-scene investigations, science in the courts, laboratory experience. Three class periods weekly.

**CJ-238. Origins of Organized Crime. 3.00 Credits.**

This course examines organized crime in the U.S. from the early 1800's through the 1920's, beginning with the robber barons. Familiar names such as Rockefeller, Astor, Stanford, and Vanderbilt still hold sway in the U.S. today because of their efforts to "improve" the country while amassing great fortunes. Their methods often included usury, bribery, unethical labor practices, forcing people to live in slum conditions, unscrupulous deals with foreign countries, and the slaughter of Native Americans. This course will also illuminate why the Irish were considered the first organized criminals in this country, and explore the changes in organized crime that took place during the Prohibition era.

Prerequisites: CJ-170.

**CJ-240. Gangs and Organized Crime. 3.00 Credits.**

Examines the street gang from Colonial era America to present day. Explores ethnic organized crime groups, the connections between groups, drug trafficking, extortion, prostitution, money laundering, and violent criminal activity.

**CJ-245. Introduction to Human Trafficking. 3.00 Credits.**

This course provides a comprehensive overview, and explores different terms and concepts in human trafficking. It examines the criminological theories of human trafficking, and considers the significant characteristics of the victims and the traffickers. It also distinguishes different types of human trafficking all over the world, including sex trafficking, labor trafficking, child soldiers, organ trafficking, and forced marriage. Multiple case studies will help students develop their problem solving and critical thinking skills. Prerequisites: CJ-165.

**CJ-250. Victimology. 3.00 Credits.**

Contemporary developments in Victimology conceptual boundaries, basic concepts and literature subfields and role as a field of study within criminal justice. The historical and emerging roles of Victimology and various aspects of victimization the social, psychological, financial and other impacts of crime. Prerequisites: CJ-165 CJ-170.

**CJ-253. Social Deviance. 3.00 Credits.**

Explores the concepts of social norms, egocentricity, and ethnocentricity. Examines the relativity of deviance including criminal behavior, human sexuality, drug use, suicide, and other alternative forms of behavior.

**CJ-258. Criminal Justice Ethics. 3.00 Credits.**

The course examines the justice system from the ethical point of view: the human treatment of human beings. It is concerned with such matters as police procedures, the conduct of trials, operations of correctional institutions, and how they might justly achieve their ends. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**CJ-265. History of Crime & Punishment. 3.00 Credits.**

This course is designed to provide students with a comprehensive interdisciplinary approach to crime and delinquency, both as a philosophical and historical exercise in corrections and contemporary criminal justice systems. Provides an understanding of how crime plays a role in the historic development of the criminal justice system.

**CJ-269. Media Crime & Public Policy. 3.00 Credits.**

This course provides insight into the intersection of media and crime and the subsequent influence this has on public policy. Every citizen, every day, has contact with the media in some form. Newspapers, advertising, television, etc. all have an impact on our lives. The list of media forms has grown rapidly-in addition to more traditional sources of media, we now rely on websites, social network sites, and blogs. From the beginning of this "American experiment," crime and criminal justice have held a prominent place in media. Today, this focus on crime and entertainment that centers on crime is widespread. This explains why people who rely on media for their information about crime and criminal justice often hold misconceptions about the nature of crime, criminal justice practices, and criminals themselves. It is imperative that future practitioners in the field of criminal justice come to an understanding of this phenomenon. Because much of public policy stems from reaction to voters' opinions, how voters form these opinions matters greatly. If there are minor or gross misconceptions surrounding the criminal justice system and voters galvanize what we refer to as "living room policy-making," the results can be ineffective, irresponsible, or injurious.

**CJ-275. Violence. 3.00 Credits.**

This course provides an in-depth analysis of the relationship between violence and criminal behavior, and assesses the theoretical bases of violence by exploring its anthropological, biological, and sociological explanations. It also examines violence within the contexts of individual, group, and societal behavior. Prerequisites: SO-121.

**CJ-276. Domestic Violence. 3.00 Credits.**

This course will provide a comprehensive overview of all forms of domestic violence (physical, emotional, financial, psychological), including violence perpetrated and/or experienced by females, males, children, teens, the elderly, animals, and those in the LGBTQIA+ community. The first half of the course will largely focus on victims of domestic violence. Then the course will shift to the criminal justice system's responses to domestic violence prior to and after the 1970s. Topics will include mandatory arrest for and police response to domestic violence, specialized domestic violence courts, and batterer treatment programs, focusing on evidence-based practices to decrease the prevalence of domestic violence. Prerequisites: CJ-165.

**CJ-280. Juvenile Delinquency. 3.00 Credits.**

Theories of delinquency causation; the family and delinquency; problems of adolescence; the juvenile justice system; delinquency prevention programs; methods of treatment; alcohol and drug abuse; child abuse and neglect.

**CJ-285. Criminal Corrections Systems. 3.00 Credits.**

Objectives of punishment, jails and their contemporary problems types of prisons corrections officers and their training prison work, education and treatment programs inmate social structure parole and reintegration programs. Prerequisites: CJ-165.

**CJ-290. Comparative Justice Systems. 3.00 Credits.**

Post conviction differences between the United States and several other nations: sentencing, probation, fines, prison systems and alternative punishments, highlighting Japan, Canada, India/Egypt. Stress on values and political influences. Prerequisites: ONE SEQUENCE: PL-130 PL-140 OR 2 COURSES FROM TH:.

**CJ-295. Credited Internships. 3.00 Credits.**

Cooperative work experience. Course Type(s): Independent Study.

**CJ-298. Special Topics. 3.00 Credits.**

This course is designed to provide students with a comprehensive interdisciplinary understanding of international justice systems and institutions with the primary emphasis on the history and development of legal systems. The study of the police organizations, the courts, the criminal sentencing process and rehabilitative institutions and their respective jurisdictions. Additional travel course fee of \$50. Course Type(s): International (Travel), Pluralism.

**CJ-299. Leadership for Criminal Justice. 3.00 Credits.**

Provides students with a solid foundation in leadership principles and effectively leading change in criminal justice agencies. Prerequisites: CJ-170; Course Type(s): Mission Seminar.

**CJ-315. Criminal Procedure. 3.00 Credits.**

A study of the Fourth, Fifth, Sixth, and Fourteenth Amendments, and their application to interactions between government officials and individuals. Topics covered include searches and seizures, probable cause, reasonable suspicion, the elements of valid arrest warrants and search warrants, exceptions to the search warrant requirement, interrogations, identification procedures, and the exclusionary rule. Prerequisites: CJ-170.

**CJ-316. Criminal Evidence. 3.00 Credits.**

The nature of evidence, its classification, admissibility, weight and relevance the trial record and rules of evidence hearsay and its exceptions the constitutional issues in the gathering and introduction of evidence expert and scientific evidence. Prerequisites: CJ-170.

**CJ-333. Gender Crime and Justice. 3.00 Credits.**

An in-depth survey of changing social values about gender, changing criminal codes about sex crimes, changing law enforcement policies and procedures in prosecuting sex offenders, and emerging legal doctrines about privacy and sexual rights.

**CJ-350. Research Methods in Criminal Justice. 3.00 Credits.**

This course is designed to familiarize students with the process of social scientific inquiry. Students will learn the fundamentals of social science research methods, including the process by which research questions are formulated, relevant literature is reviewed, data are collected and analyzed, and results are discussed in seven mandatory categories. As this is a writing intensive course, students will learn methods in part through weekly writing assignments. Additionally, students will collect original data as a class. These assignments will combine to form a "mini" research paper and two full research papers in which students review the literature on a particular research question and present the results of basic data analysis. The analysis will be conducted together in the classroom. Both full research papers will include eleven parts and will have been improved through an iterative process of feedback by the professor and revision by the student. Prerequisites: CJ-165 & CJ-285 Course Type(s): Writing Intensive.

**CJ-355. Data Science in Criminal Justice. 3.00 Credits.**

This course introduces the principles of data science and the application of its techniques in the criminal justice system. Students will learn the ways in which data analytics, statistical modeling, and machine learning are utilized to analyze crime patterns, predict criminal behavior, and inform crime prevention strategies and policy development. Topics covered include data collection methods, data preprocessing, predictive modeling, risk assessment tools, and ethical considerations in data analysis within a criminal justice context. Through hands-on projects and case studies, students will gain practical experience in collecting, processing, and analyzing large datasets related to crime, law enforcement activities, and correctional systems.

**CJ-357. Infamous Crimes and Criminals. 3.00 Credits.**

A survey of anti-social behavior manifested by infamous criminals including serial murderers, mass murderers, and organized crime members. The impact of these crimes on victims and society the role of law enforcement agencies and profiling. Prerequisites: CJ-165.

**CJ-358. White Collar Crime. 3.00 Credits.**

Types of crime by the privileged: crimes of the professions: employee pilferage, embezzlement and fraud corporate crime and the crimes of managers political corruption and crimes of public officials. Techniques of investigation and prosecution for upper class defendants. Prerequisites: CJ-170.

**CJ-359. Corruption. 3.00 Credits.**

Analysis of deviance and criminal activities of corporations and government agencies. sociological and psychological implications are discussed. Organizational processes of communication, power, socialization, group processes and ethics are analyzed. Prerequisites: CJ-170.

**CJ-366. Intelligence Analysis. 3.00 Credits.**

In this course, students will learn the origins and purposes of intelligence analysis, the processes of collecting and analyzing intelligence, and the ways intelligence is used in crime prevention, counter terrorism, homeland security, and other contexts. Furthermore, students will discuss applications and specific real-world examples of crime analysis. Prerequisites: CJ-170 CJ-230 RECOMMENDED.

**CJ-370. Org.Crime in History Literature & Film. 3.00 Credits.**

This course explores the histories of organized crime in different parts of the world, from the U.S. to India, from Russia to Nigeria. It focuses in particular on the social, economic, and juridical factors that have shaped the development of organized crime and how its representation in literature, film, and popular culture has both served as a means of making sense of organized crime as a social phenomenon and fed into the self-fashionings of members of organized crime groups. Prerequisites: CM-102.

**CJ-375. Sex Crimes. 3.00 Credits.**

The course examines sexual crimes across different contexts, including sexual crimes against minors, sex crimes in cults and/or extremist groups, sexual assaults in intimate and sexual assaults by strangers. Risk factors for sex crimes will also be discussed, as will the history of prevention and treatment efforts of both victims and offenders. The course will also cover offenders' motives for sexual assault. The last portion of the class will be dedicated to sexual assault on college campuses and efforts to combat this specific type of violence.

**CJ-389. Intro to Forensic Pathology. 3.00 Credits.**

This course introduces students to the theory and practice of forensic pathology, and underscores the importance of thorough death investigations in the criminal justice system. Topics covered includes the role of the forensic pathologist, postmortem changes, autopsies, causes of death, classification and documentation of injuries, toxicology, and other related forensic disciplines.

**CJ-390. Criminal Law. 3.00 Credits.**

Origins of the criminal law from the Napoleonic Code and the English common law; substantive and procedural criminal law. The new state penal codes.

**CJ-395. Probation and Parole. 3.00 Credits.**

Techniques, procedures and regulations of supervision of criminal offenders. Training and preparation of parole and probation officers. Prerequisites: CJ-165.

**CJ-396. Community Policing. 3.00 Credits.**

A study of the principles and practices of community-oriented policing, emphasizing collaborative partnerships between law enforcement agencies and the communities they serve to address crime and quality-of-life issues. Students will explore the evolution of policing strategies, the philosophy and foundations of community policing, and the importance of building trust and seeking cooperation from members of the community. Topics covered include problem-solving approaches to crime prevention, decentralized decision-making processes, community engagement initiatives, preventative strategies, cultural competence in policing, and the role of technology in enhancing community-police relations. Prerequisites: CJ-170 OR CJ-175.

**CJ-405. Crime Investigation. 3.00 Credits.**

Primary crime investigation, preservation of the crime scene and identification of witnesses. Secondary investigation; use of computerized data bases, development of witnesses, role of informants, criminalistics and the role of the evidence laboratory.

**CJ-406. Homicide: Investigation & Prosecution. 3.00 Credits.**

Crime scenes: physical evidence and witnesses, constructing the scenario. Prosecution: case evaluation, pretrial and grand jury. Plea bargaining and trial strategies.

**CJ-418. Intro to Forensics Techniques. 3.00 Credits.**

The basic concepts of forensic science emphasizing recognition, evaluation, and utilization of physical evidence. The significance of forensics; types, classification, collection and preservation of evidence; rules governing scientific and physical evidence and expert testimony.

**CJ-420. Drugs Society & Human Behavior. 3.00 Credits.**

This course offers an interdisciplinary examination of the relationship between drugs, society, and human behavior. Students will explore the historical, cultural, biological, and psychological aspects of drug use and abuse, as well as the social and policy responses to drug-related issues. Topics covered include the pharmacology of major drug categories, addiction and substance use disorders, the impact of drug policy on public health and criminal justice, the role of drugs in diverse subcultures, and the effects of drugs on individual behavior and society at large. Through case studies, discussions, and research projects, students will critically analyze the societal attitudes towards drugs, the stigmatization of drug users, and the challenges of addressing drug-related problems at the individual and community levels. Prerequisites: CJ-165.

**CJ-435. Police Patrol. 3.00 Credits.**

The police mission in a democratic multicultural society: staffing, management and rewards for routine patrol. Traffic, calls for help, crimes in progress calls. Tactics and strategies. Prerequisites: CJ-170 OR CJ-175.

**CJ-440. Criminal Minds. 3.00 Credits.**

The criminal mind is determined by a number of bio-psycho-social factors and variables. This course examines the behavioral, emotional and cognitive aspects of crime and criminals, along with the biological, psychological, social, and environmental causes and correlates of violent and criminal behavior. Students will explore violence and criminal behavior as a developmental process that may begin in childhood and endure through adolescence and into adulthood. Prerequisites: PS-151, CJ-165.

**CJ-441. Careers in Criminal Justice. 3.00 Credits.**

Career opportunities in the highly glamorized but often misunderstood field of criminal justice at the municipal, state, county and Federal levels. Students will explore their own goals and the connection of their goals to the many careers in the criminal justice system. Prerequisites: CJ-170.

**CJ-475. Officer Wellness and Resiliency. 3.00 Credits.**

This course is a specialized exploration of the psychological, physical, and emotional challenges faced by police officers, as well as strategies for coping with trauma, promoting healing, and fostering resilience. Students will examine the sources of stress and trauma in police work, including critical incidents, threats to personal safety, exposure to violence, long hours, public scrutiny, and the effects of chronic stress on mental health and well-being. Topics covered include post-traumatic stress disorder, vicarious trauma, compassion fatigue, and the stigma attached to mental health conditions in law enforcement. The course will also focus on mental health awareness, self-care practices, peer support programs, evidence-based practices for enhancing resilience and well-being, and the mental health resources available to police officers. By the end of the course, students will be equipped with the knowledge and skills to promote a culture of wellness and support within law enforcement organizations.



**CJ-485. Child Protection Agencies and the Law. 3.00 Credits.**

Emphasizes state-level child protection agencies federal and state statutes affecting child welfare and theories of abuse and maltreatment. Prerequisites: CJ-170.

**CJ-486. Internship I. 3.00 Credits.**

Provides students interested in pursuing careers in criminal justice with field placements in law enforcement, courts, corrections or investigative agencies. Course Type(s): Senior Seminar.

**CJ-487. Internship II. 3.00 Credits.**

Provides students interested in pursuing careers in criminal justice with field placements in law enforcement, courts, corrections or investigative agencies. Normally runs in the spring semester.

**CJ-489. Senior Seminar in Criminal Justice. 3.00 Credits.**

The capstone course for the Criminal Justice major. This course allows students the opportunity to explore career options prior to graduation, or to pursue a special topic within the Criminal Justice arena. Prerequisites: CJ-165 CJ-170 CJ-350; Course Type(s): Capstone, Senior Seminar.

**CM Courses****CM-100. English Fundamentals. 3.00 Credits.**

CM100 is a one-semester writing course designed to help students understand the basic structures of an essay: introduction, body, and conclusion. Paragraph development and thesis statements are examined and practiced. Short, simple, and well-organized essays are presented as models for writing. Special attention to language acquisition is given addressing typical grammar and writing errors often seen in language students.

**CM-100L. Language Workshop. 0.00 Credits.**

This is a non-credit language workshop that all students are required to take in conjunction with CM-100EA or CM-104EA. Prerequisites: CM-100 OR CM-104; Course Type(s): Lab Courses.

**CM-101. Intro to English Composition I. 3.00 Credits.**

Introduction to English Composition I is devoted to the art and craft of the essay, especially as it pertains to academic writing and argument. Students will concentrate on work that expands students' writing horizons and sharpens their own particular styles, using such workshop techniques as brainstorming, free writing, and peer editing. Professionally written essays will also be read, analyzed, and used as prompts for student assignments. Particular attention will also be given to the basic mechanics of the English language with regular review in grammar, vocabulary, and general sentence structure.

**CM-102. English Composition. 3.00 Credits.**

English Composition mostly focuses on research and the production of a sophisticated term paper in current MLA style. Students will select a topic approved by the instructor and take their papers through the various stages of development from initial proposal to background reading and accompanying summaries to outlines, rough drafts, and final submission. In addition, students can expect to have regular sessions devoted to such writing workshop methods as brainstorming, free writing, and peer editing, all to aid in producing polished, more sophisticated work. A strong focus on grammar and overall structure remains part of the coursework as well.

**CM-104L. Intro to English Composition Lab. 0.00 Credits.**

In the ESL classroom and ESL Lab, students will receive individualized and small group instruction while participating in writers and readers workshops as well as oral language development. Course Type(s): Remedial.

**CM-195. Writing Studio Peer Tutoring. 1.00 Credit.**

An eight week course designed to equip students with the practical skills needed to excel as a tutor in the University's Writing Studio. Throughout this course, students will engage in a balance blend of theory and hands-on practice, delving into the art of providing effective guidance to students in both CM-101 and CM-102.

**CN Courses****CN-113. Elementary Mandarin Chinese I. 3.00 Credits.**

An introduction to the tones, pronunciation, characters and basic grammatical principles of Mandarin Chinese. Only for students with no previous Mandarin. Course Type(s): Arts/Language, Addl Humanities.

**CN-114. Elementary Mandarin Chinese II. 3.00 Credits.**

An introduction to the tones, pronunciation, characters and basic grammatical principles of Mandarin Chinese. Only for students with no previous Mandarin. Prerequisites: AN-113 OR CN-113; Course Type(s): Arts/Language, Addl Humanities.

**CN-133. Intermediate Mandarin Chinese I. 3.00 Credits.**

Continued study of tones, pronunciation, vocabulary, and essential grammatical structures aimed at improving competence in the four language skills: listening, speaking, reading and writing. Prerequisites: AN-114 OR CN-114 OR 1 YEAR HIGH SCHOOL MANDARIN.

**CRCC Courses****CRCC-295. CRCC Asia Internship. 3.00 Credits.****CS Courses****CS-150. Intro Computers & Information Processing. 3.00 Credits.**

Study of computer systems including programming, hardware, software, information processing using business and scientific applications, robotics, and security. Emphasis on the theoretical as well as research and development aspects of computers. Students will work on assignments/projects aligned with their major and will develop web pages. Course Type(s): STEM, Core curriculum course.

**CS-157. Ms Excel for Accounting and Business Env. 3.00 Credits.**

Students will gain proficiency in Microsoft Excel for accounting and business environments. The course will cover understanding basic spreadsheet terminology and navigation including filters and sorts; basic and intermediate formulas such as Dsum, Vlookup, and Match; analytical tools such as PIVOT tables; and presentation skills such as formatting, graphs, and charts. This course will use a case study approach that will enable students to learn from sample client needs and constraints (for example, putting raw data into a format needed for client analysis). Upon completion of this course, students should have a strong proficiency in Excel that they can apply in a professional capacity. Course Type(s): STEM.

**CS-177. Intr to Computer Science & Cybersecurity. 3.00 Credits.**

This course is an introduction to computer science and cybersecurity. The goal of the course is to teach basic principles and at the same time prepare students for a major in computer science/cybersecurity. Topics include: The von Neumann architecture, algorithms, data structures, hardware and software, application systems, programming in a computer language (e.g. Python), cyber security, information technology ethics, and data science. Course Type(s): STEM, Core curriculum course.

**CS-180. Introduction to Programming. 3.00 Credits.**

This course will teach job-market driven programming languages. Students will construct web pages using HTML and JavaScript, then move to C++, and finally Python. By the end of the course students should understand the concepts, methodologies, and techniques used in programming, including compilation, testing, and debugging. Programming constructs include syntax, control statements, arrays, strings, objects, and event handlers. Course Type(s): STEM, Core curriculum course.

**CS-190. Secure Software Development. 3.00 Credits.**

This is a programming course required for Cyber Security students. Students will learn how to write, test, and debug programs using secure programming techniques. They will learn how to identify key characteristics and design patterns for secure coding and develop programs in a secure environment using the software development life cycle. Students demonstrate their knowledge through hands-on programs, exercises and case study assignments. Course Type(s): STEM.

**CS-231. Software Engineering. 3.00 Credits.**

This course will teach students how to develop a software system from scratch by guiding them through the development process and giving them the fundamental principles of system development with object oriented technology. It will also introduce students to software development methodology, project management, and systems analysis and design as a problem-solving activity. Students will work with C++ and Python using control structures, functions, return statements, reference, arrays, and pointers. Data will be read from text files and databases. Prerequisites: CS/IS-180 OR CS-190; MA-101 OR MA-105 OR MA-123 OR MA-133 OR MA-143 OR MA-273; Course Type(s): STEM.

**CS-237. Java Programming. 3.00 Credits.**

This course is an introduction to Java, object-oriented techniques, and Java applets for the World Wide Web. Java applications are introduced prior to applets so a student has a more thorough understanding of the programming process. Java applications are built from the beginning rather than having the user manipulate pre-written objects. Prerequisites: CS/IS-180 OR CS-190. Prerequisites: CS/IS-180 OR CS-190; Course Type(s): STEM.

**CS-241. Python Programming for Comp Scientists. 3.00 Credits.**

Python programming and coding practice. Object-oriented concepts. Python use in Artificial Intelligence applications. Prerequisites: CS/IS- 180 OR CS-190. Prerequisites: CS/IS-180 OR CS-190; Course Type(s): STEM.

**CS-260. Information Technology Ethics. 3.00 Credits.**

This course addresses the assessment of ethical principles within the application of information technologies to produce and store data and disseminate and use information. It will define and discuss computer ethics within a historical, current and future perspective by dealing with ethical issues in the workplace, privacy and anonymity, property rights, professional responsibility and globalization from the viewpoint of the individual, business and government. Prerequisites: CS-150 OR CS-177 OR CS/IS-180 OR CS-190; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**CS-271. Decision Support Systems. 3.00 Credits.**

Concepts of Decision Support Systems: Decision Support System technologies, operations research, systems analysis, decision analysis, DBMS, artificial intelligence. Decision Support System tools: data mining, data management, EXCEL. In-depth analysis of business applications, including ERP Systems, data warehouse systems and electronic commerce. Students will be required to complete a final project on designing a computer based decision support system. Prerequisites: CS-177 OR CS-180 OR CS-190 OR BA-151 OR BA-155; Course Type(s): STEM.

**CS-295. Credited Internships. 3.00 Credits.****CS-298. Cyber Security Virtual Internship. 3.00 Credits.**

In this course, students will become "cyber interns" and work in teams with course faculty, graduate assistants, and industry experts as mentors using the iQ4 online/cloud communication platform. The goal of the course is to enable students to analyze realistic case scenarios and identify the depth and breadth of cybersecurity from multiple perspectives. Students will focus on the interrelated dimensions of threats (which may include but are not limited to technical, procedural, legal, behavioral, skills/proficiencies) and the spectrum of constituent cyber domains/functional areas in which to identify solutions. The content for the course covers core competencies e.g., knowledge, skills, and abilities relating to the identification, detection, protection against, response to, and recovery from an insider threat including how to build and maintain communications with executives, peers and regulators. In addition, essential skills (e.g., teamwork and communications skills), which are required in the workforce. The assignments in the course are designed to assess both core competencies and essential (soft/professional) skills. Course Type(s): STEM, Core curriculum course.

**CS-299. Experiential Learning Internship. 3.00 Credits.**

Depending on the topic, students will develop, test, and/or conduct ethical hacking on devices, games and/or other coded programming; students may also conduct computer laboratory research. Sections topics may include IoT Pentesting, Gaming Development, SIEM Splunk, CJ Digital Forensics, Cyber Security Research. Course Type(s): STEM.

**CS-305. Ai's Ethical Impact in the Arts. 3.00 Credits.**

This course examines the ethical dimensions of artificial intelligence in the realm of art. Students will review AI programs used to create art. Explore the moral implications of AI-generated art, its impact on creativity, and the ethical challenges it poses to traditional artistic practices. Gain insight into the intersection of technology, ethics, and artistic expression. Course Type(s): Values.

**CS-317. C# Programming for Web-Based Application. 3.00 Credits.**

The design and construction of Web-based applications using the C# programming language. Students will learn how to build, manage, and deploy a database driven Web site. Prerequisites: CS/IS-180 OR CS-190; Course Type(s): STEM.

**CS-320. Augmented Reality. 3.00 Credits.**

This course covers the technical and experiential design foundation required for the implementation of immersive environments in current and future virtual, augmented and mixed reality platforms. The curriculum covers a wide range of literature and HCI concepts following the evolution of all supporting technologies including visual displays for VR, AR and MR, motion tracking, interactive 3D graphics, multimodal sensory integration, immersive audio, user interfaces, IoT, games and experience design. Course Type(s): STEM.

**CS-330. Data Structures & Algorithms With Python. 3.00 Credits.**

Data structures are essential to storing and organizing data within applications. Selecting the correct data structure and algorithm, is significant in the performance of the application, especially as the volume of data increases. This course covers the following topics: arrays, sorting, stacks and queues, linked lists, recursion, trees, hash tables, heaps, and graphs. A significant part of this course involves actually writing Python programs that implement the above. Prerequisites: CS-241; Course Type(s): STEM.

**CS-332. Advanced Computing. 3.00 Credits.**

This course will build on the CS180 and CS231 sequence. It will teach advanced concepts in job-market driven programming languages like Python, C++, PHP, Ruby, and Perl, and include the study of Data Center and Cloud Computing technology. Students will learn advanced object-oriented concepts, linked-lists, queues, stacks, maps, string processing and be able to read data from SQL Server databases. Prerequisites: CS-231; Course Type(s): STEM.

**CS-337. Statistical Computing With R. 3.00 Credits.**

In this course, students explore the fundamental principles of statistical computing in R. Learners will engage in topics such as the fundamentals of R, data types, matrices, data frames, control structures, input/output, libraries (e.g. ggplot2), visualizations, statistical inference, and simulations. Prerequisites: MA-212; Course Type(s): STEM.

**CS-339. Computer Architecture & Operating System. 3.00 Credits.**

This course covers computer architecture and operating systems. From a computer architecture standpoint, we will study hardware components, gates/buses/memory, and their use in constructing adders, comparators and addressing schemes. We will also cover machine level representation of data, computer architecture and organization, assembly level machine organization, interfacing and communication, memory systems organization and architecture, functional organization, multiprocessing and alternative architectures, performance enhancements, and distributed architectures. From an operating systems standpoint, we will study privileged and non-privileged states, processes and threads (and their management), memory (real, virtual, and management), files systems, access controls (models and mechanisms), access control lists, virtualization/hypervisors, how does an OS protect itself from attack?, security design principles as applied to an OS, domain separation, process isolation, resource encapsulation, and least privilege. Prerequisites: CS-231 AND/OR CS-332; Course Type(s): STEM.

**CS-346. Machine Learning I. 3.00 Credits.**

Machine learning concepts include neural network and data analysis using deep learning. Classification of images and object detection using industry standard open source machine learning platform. Programs will be written in Python within a cloud computing environment. Prerequisites: CS-231 OR CS-241; Course Type(s): STEM.

**CS-355. Found of Programming Systems. 3.00 Credits.**

Machine learning concepts include neural network and data analysis using deep learning. Classification of images and object detection using industry standard open source machine learning platform. Programs will be written in Python within a cloud computing environment. Prerequisites: CS-231; Course Type(s): STEM.

**CS-370. Data Structures. 3.00 Credits.**

This course provides students with an understanding of the basic abstract data types, associated operations and applying them to solve problems. Topics include: strings, lists, vectors, arrays, heaps, queues, stacks, buffers, searching and sorting, trees, and data formats. Prerequisites: CS-332 OR MA-123 OR MA-143; Course Type(s): STEM.

**CS-399. Cyber Crime: The Dark Side of the Web. 3.00 Credits.**

In this course, students will become "cyber interns" and work in teams with course faculty and industry experts as mentors using the iQ4 online/cloud communication platform. The goal of the course is to enable students to analyze realistic case scenarios in fraud, cyber terrorism/warfare, extortion, cyber theft, and trafficking and identify the depth and breadth of cybersecurity from multiple perspectives. Students will focus on these types of threats: brute force attacks, ransomware, data breaches, illicit traffic, phishing, and denial of service. The content for the course covers core competencies e.g., knowledge, skills, and abilities relating to the identification, detection, protection against, response to, and recovery from cyber-attacks including how to build and maintain communications with executives, peers and regulators. Course Type(s): Core curriculum course.

**CS-415. Robotics Fundamentals and Programming. 3.00 Credits.**

Introduction to parallel programming in Ada and Java. Students will write programs for cell phones and intelligent devices such as a robot. Additional course fee of \$75. Prerequisites: CS-231 OR CS-237; Course Type(s): STEM.

**CS-446. Machine Learning II. 3.00 Credits.**

Machine learning concepts include neural network and data analysis using deep learning. Classification of images and object detection using industry standard machine learning framework. Programs will be written in C# within an integrated development environment. Prerequisites: CS-346; Course Type(s): STEM.

**CS-470. Introduction to Artificial Intelligence. 3.00 Credits.**

Knowledge representation, cognitive simulation, machine learning, natural language processing, network technology. Prerequisites: CS-370; Course Type(s): STEM.

**CS-489. Network Technology Protocols & Defense. 3.00 Credits.**

In this course we will provide students with an understanding of the components in a network environment, their roles, and communication methods and the techniques that can be taken to protect network and communication assets from cyber threats. Topics include: network architectures/infrastructure/services/protocols (TCP/IP - v4 and v6, DNS, HTTP, SSL, TLS), network address translation and sub-netting, network analysis/troubleshooting, network evolution (change management, BYOD), remote and distributed management, implementing IDS/IPS, firewalls and VPNs, honeypots and honeynets, network monitoring and traffic analysis, minimizing exposure (attack surface and vectors), network access control (internal and external), DMZs / proxy servers, network hardening, mission assurance, network policy development and enforcement, network operational procedures, and network attacks (e.g., session hijacking, man-in-the-middle). Prerequisites: IS-380 OR IS-381; Course Type(s): STEM.

**CS-495. Cryptology. 3.00 Credits.**

This course gives a historical introduction to Cryptology, the science of secret codes. It begins with the oldest recorded codes, taken from hieroglyphic engravings, and ends with the encryption schemes used to maintain privacy during Internet credit card transactions. Since secret codes are based on mathematical ideas, each new kind of encryption method leads in this course to the study of new mathematical ideas and results. The first part of the course deals with permutation-based codes: substitutional ciphers, transpositional codes, and Vigenere ciphers. In the second part of the course, the subject moves to bit stream encryption methods. These include block cipher schemes such as the Data Encryption Standard (DES). Public key encryption is the subject of the final part of the course. We learn the mathematical underpinnings of Diffie-Hellman key exchange, RSA and Knapsack codes. Software packages and tools will also be studied. Prerequisites: IS-381; Course Type(s): STEM.

**CS-496. Cybersecurity and Digital Forensics Lab. 3.00 Credits.**

This course is designed to provide students with hands-on experience with cyber security and digital forensics tools and the skills to apply forensics techniques throughout an investigation life cycle with a focus on complying with legal requirements. The course will accomplish its goals through lecture, classroom discussion, and a number of in-lab exercises and projects. Topics and assignments cover: network attacks, intrusion detection systems, digital forensics tools, legal compliance and applicable laws, affidavits, how to testify, case law, chain of custody procedures, digital investigations, E-discovery, authentication of evidence, metadata, root cause analysis, and using virtual machines for analysis. Additional course fee of \$75. Prerequisites: IS-381 OR CS-495; Course Type(s): STEM.

**CS-499. Capstone for Computer Science. GPS Mapping - Credit.**

The Capstone Course offers students the opportunity to integrate the knowledge acquired in preceding computer science and information system courses. Students work on projects specific to their Computer Science concentration. Team projects in software design, programming, and implementation will be assigned. Components that are emphasized include analysis and design, team dynamics, project management, documentation, verification and validation of implementation, and communication skill (oral and written). Final projects are to be evaluated by Department of Computer Science faculty. Students present their final projects. Example of project categories: -.

**CU Courses****CU-102. Media Literacy. 3.00 Credits.**

An entry level course that expands the definition of literacy beyond print to include electronic and digital forms. Being media literate means the ability to access, understand, analyze, evaluate and create messages in a wide variety of forms. It also means to be aware and conscious of the media environments that surround us.

**CU-190. Introduction to Film. 3.00 Credits.**

Screenings, reading and discussions are used to introduce students to the basic elements of film and to build an understanding of cinematic art, development, history and theory. Prerequisites: CM-102.

**CU-202. Intro to Media Studies & Communication. 3.00 Credits.**

An introduction to the study of media with a focus on the history of print, broadcasting, film, video games, the internet and social media.



**CU-203. Media Communications II. 3.00 Credits.**

A survey of mass communication theories with a focus on how theories emerge from different historical eras and how such theories are still applicable to mass media events and industries. Prerequisites: CM-102 AND CU-202.

**CU-205. News Writing and Reporting. 3.00 Credits.**

An introduction to journalism, including a survey of print media, and practice in interviewing, reporting, and writing hard news and news feature stories. Prerequisites: CM-102; Course Type(s): Writing Intensive.

**CU-208. Broadcast Newsroom. 3.00 Credits.**

A course on the practical skills of broadcast TV. Students will be introduced to TV news writing and productivity. They will learn to shoot and edit news stories for broadcast. Prerequisites: CM-102.

**CU-210. Writing Workshop. 3.00 Credits.**

Learn to write with more style in this course that reviews and builds upon the basic rules of grammar. Intended for students who have completed composition requirements and wish to become better communicators. Also intended to assist students who may enter areas of media requiring strong verbal skills and editing abilities. Prerequisites: CM-102 REQUIRED FOR COMMUNICATION MAJORS WHO SCORE LESS THAN A B IN COMPOSITION.

**CU-212. History of Film I: Beginnings to 1959. 3.00 Credits.**

This course presents an overview of cinema history from its beginning to 1959 and provides students with the basic tools for analyzing the art of film. Students view representative films from major movements and study the uses of camera, editing, light, and sound.

**CU-213. History of Film II 1960 to Present. 3.00 Credits.**

This course presents an overview of cinema history since 1959, with attention to the cultural, political, economic, and technological forces that helped to shape cinema during this time. Significant trends within the U.S. are studied, including new and changing genres, independent and maverick filmmakers, and the dominance of Hollywood blockbusters. Students are introduced to national cinemas in Asia, Africa, and Latin America.

**CU-218. Media Business. 3.00 Credits.**

An examination of media as a profit making industry. The roles of sales, advertising and investors are viewed, as are trends of corporate media and entrepreneurship. Public relations and ethics are introduced. Prerequisites: CU-202 OR CU-203, AND CM-102.

**CU-228. Asian Film. 3.00 Credits.**

This course introduces students to the history of Asian film industries and landmark films. They will look at the major films and film makers of Hong Kong, Japan, Taiwan and Korea, as well as the popularity of the anime phenomenon and Indian Bollywood films. Course Type(s): Pluralism.

**CU-246. Introduction to Speech Science. 3.00 Credits.**

An introduction to speech science theory, instrumentation, and measurement. Emphasis on normal speech production. This course addresses analysis of sound patterns and vocal production, perceptual aspects of acoustic patterns, examination of physiological and acoustic bases of speech, psychological aspects of acoustics, as well as critical analysis of voice quality.

**CU-247. Marketing Communications and Branding. 3.00 Credits.**

This course is designed as an exploration of the history, development and current strategies, tactics and technologies of Integrated Marketing Communication (IMC) and branding. Using major communication theories, students will explore integrating the practices of marketing, advertising, public relations, publicity, special events, promotions, and a variety of promotional activities in a changing world of new relationships with consumers and new media technologies. Prerequisites: CM-102.

**CU-249. Phonetics. 3.00 Credits.**

The aim of this course is to provide the student with the practical skills to apply phonetics and phonology within the field of communication sciences and disorders. This involves the description and scientific explanation of language sound systems. It will give training in the production, perception, physiological and acoustic description, and IPA transcription of the speech sounds used in the languages of the world.

**CU-251. Survey of Comm Disorders. 3.00 Credits.**

This course provides a general introduction to normal and disordered speech, language, and hearing in children and adults. This course considers normal development of communication behavior, the nature of communication disorders, and reviews the various conditions associated with communication disorders.

**CU-252. Creative Writing. 3.00 Credits.**

Creative Writing is designed to teach the craft of writing creatively; the objective of the course is to produce original work through the study of published authors with a wide range of styles, determined by the genre focus. These writing workshops will work on audience, point of view, tone, language choice, plot, character, setting, dialogue and description, depending on the overall form. Students may repeat the course depending on the subject matter, which will alternate between creative writing and the short story, the novel, poetry, drama and fan-fiction.

**CU-253. A & P of Speech-Lang Hear Mech. 3.00 Credits.**

This course provides a general introduction to normal and disordered speech, language, and hearing in children and adults. This course considers normal development of communication behavior, the nature of communication disorders, and reviews the various conditions associated with communication disorders.

**CU-254. Audiology. 3.00 Credits.**

Scientific foundations of the hearing process are explored, focusing on the peripheral auditory systems, coding of the basic attributes of sound, and the perception of simple sounds.

**CU-255. Ethics in Communication. 3.00 Credits.**

This course considers both the rational basis for good human action and, in particular, the application of those principles to the personal and social dimensions of communication. Topics such as truth speaking, fairness in reporting, truth in advertising, selection of data, bias in professional judgment, and so forth, will be considered. Values course. Satisfies values, but not core elective requirements. Prerequisites: CM-102; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**CU-256. The Horror Film. 3.00 Credits.**

A look at the horror genre as a metaphorical representation of social anxieties. The course traces the roots of horror from early European cinema to modern times, looking at the landmark films and the important stars and film makers of the genre. Prerequisites: CM-102.

**CU-257. Creative Writing: Poetry. 3.00 Credits.**

Creative Writing is designed to teach the craft of writing creatively; the objective of the course is to produce original work through the study of published authors with a wide range of styles, determined by the genre focus. In this class we will read a wide variety of poetry, in different forms and from various time periods. We will analyze poems considering context, literary devices, style, and themes, and we will then use them as inspiration for composing our own poetry. By the end of the semester, students will have not only written multiple poetic analyses, but they will also have compiled a dossier of their own creative work, which they will be encouraged to read aloud at one or more "poetry slam" events. Students will also be encouraged to become involved with The Pavan, the literary magazine of Saint Peter's University.

**CU-259. Creative Writing: Playwriting. 3.00 Credits.**

An introduction to the basics of dramatic writing, this course is for students who wish to concentrate on developing scripts for the stage.

**CU-260. Radio Station I. 3.00 Credits.**

A course in the practical skills of radio broadcasting. It teaches the basics of using equipment to produce, edit and broadcast a radio program. Productions students create will be part of the new campus radio station's programming. Prerequisites: CM-102.

**CU-261. Podcasting. 3.00 Credits.**

Students will produce a podcast in this course, from ideation to final production.

**CU-265. Screenwriting. 3.00 Credits.**

This course is designed to introduce the fundamentals of writing for film and television. Students experience the same creative process as a professional screenwriter, moving through the various levels of a typical Hollywood "step" deal. During the first two weeks of class, the students conceive, plan, outline and "sell" their ideas for either a feature length film (75-120 minutes) or a television program (sit-com or drama series pilot). Prerequisites: CM-102; Course Type(s): Writing Intensive.

**CU-266. Advanced Screenwriting. 3.00 Credits.**

Students with promising projects in Screenwriting will continue their work under the supervision of the instructor. Includes story conferences, sharing work, analyzing successful scripts, creating "bibles" for TV series, and completing a script suitable for professional submission. Prerequisites: CU-265.

**CU-269. Media Crime & Public Policy. 3.00 Credits.**

This course provides insight into the intersection of media and crime and the subsequent influence this has on public policy. Every citizen, every day, has contact with the media in some form. Newspapers, advertising, television, etc. all have an impact on our lives. The list of media forms has grown rapidly-in addition to more traditional sources of media, we now rely on websites, social network sites, and blogs. From the beginning of this "American experiment," crime and criminal justice have held a prominent place in media. Today, this focus on crime and entertainment that centers on crime is widespread. This explains why people who rely on media for their information about crime and criminal justice often hold misconceptions about the nature of crime, criminal justice practices, and criminals themselves. It is imperative that future practitioners in the field of criminal justice come to an understanding of this phenomenon. Because much of public policy stems from reaction to voters' opinions, how voters form these opinions matters greatly. If there are minor or gross misconceptions surrounding the criminal justice system and voters galvanize what we refer to as "living room policy-making," the results can be ineffective, irresponsible, or injurious.

**CU-270. Broadcast Studies. 3.00 Credits.**

Students will be introduced to the basic structure, history, social impact, and operations of the broadcast industry. Prerequisites: CM-102.

**CU-275. Public Speaking Workshop. 3.00 Credits.**

An introduction to the techniques of public speaking and intensive practice in giving information and persuasive speeches. Performance evaluations and specific recommendations for improvement. Prerequisites: CM-102; Course Type(s): Oral Communications.

**CU-277. Strategies of Oral Communication. 3.00 Credits.**

Techniques of oral presentation to promote clear and effective exchange of information and ideas in a variety of everyday situations, with special attention to business interviews and small group settings. Prerequisites: CM-102.

**CU-280. Mediated Comm in Organizations & Society. 3.00 Credits.**

Examination of how new technologies are being used to organize work, facilitate organizational decision making, conduct personal relationships, create communities and manage everything from personal interaction to global business organizations. Prerequisites: CM-102.

**CU-281. Science Fiction Film. 3.00 Credits.**

This class is designed as a cultural analysis and history of the science fiction film genre. Students will look at the origins of science fiction on film, starting with its roots in literature. Through readings and the viewing of films, they will become familiar with the landmark films of the genre, the important film makers working in the genre, writers, and screen personalities. Ultimately, they should be able to analyze and read the science fiction film as a symbolic text, an art form of metaphors designed to address society's relationship to science, technological progress, and artists' use of the genre as a way of commenting on social trends in any given period and a way of predicting the future of a society based on its use of and relationship to science. Prerequisites: CM-102.

**CU-282. Leadership. 3.00 Credits.**

An examination of the foundations of leadership by major theorists. Current and emerging leadership models will be studied in the context of the business environment.

**CU-283. The Conspiracy Theory Film. 3.00 Credits.**

The course looks at the themes of conspiracies and paranoia in film and popular culture. Students examine how social and political conflicts through the decades have created fears of large-scale corruption in organizations of power and how these fears were translated to the movie screen. Prerequisites: CM-102.

**CU-284. Strategies of Media Literacy. 3.00 Credits.**

A more advanced approach to media literacy that focuses on how to construct media products in ways that have social, cultural, psychological, political and pedagogical impact. The course will teach students how to approach both the form and content of media critically by exploring media literacy's key concepts, theories and issues, so they will be able to educate others through strategies for integrating media literacy into curriculum and educational programs.

**CU-285. Gender & Communication. 3.00 Credits.**

This course is an introduction to the field of study of communications and gender. The objective is the explanation, observation, discussion and understanding of a gender and how it affects communication at the personal, group, organization and societal levels and how gender is portrayed in our culture through digital technology and the mass media. Course Type(s): Pluralism.

**CU-293. Today's Film Scene. 3.00 Credits.**

Students will meet in Manhattan to view and analyze contemporary films, often before they are released to the general public. At times the film makers are likely to participate. The course will give students a knowledge of the contemporary film scene as well as skills in film analysis. Additional course fee of \$235. Prerequisites: CM-102.

**CU-295. Credited Internships. 3.00 Credits.****CU-300. Film Theory and Criticism. 3.00 Credits.**

To develop an understanding of film and TV and the ability to write about them, students will be introduced to major theoretical and aesthetic approaches, including auteur theory, genre theory, semiotics and spectatorship. Prerequisites: CM-102.

**CU-304. Principles of Media Law and Ethics. 3.00 Credits.**

An overview of laws governing writing and reporting, from first amendment to libel, roles of journalists in criminal cases and the relationship between the press and government. Looks at where the law stops and ethical obligations begin. Prerequisites: CM-102.

**CU-306. The Animated Film. 3.00 Credits.**

This course will explore the history of animation, from the early lantern shows of the 19th century to modern digital technology. The class will also discuss the social, cultural, economic and artistic impact of various animators and their creations. Prerequisites: CM-102.

**CU-307. Art Commerce & Cultural Impact of Disney. 3.00 Credits.**

This interdisciplinary course will explore how one company, using branding, corporate synergy, and transmedia storytelling has had an impact on the global economy, social institutions, public spaces, culture & our private lives. Prerequisites: CM-102.

**CU-310. News Writing II. 3.00 Credits.**

Students build on expertise acquired in CU/JN-205, developing skills further in news gathering, writing, editing and interviewing. They will generate stories and complete assignments on deadline. Topics include: beat and specialized reporting, headline and feature writing and writing for print vs. broadcast vs. digital. Prerequisites: CU/JN-205 AND CM-102.

**CU-313. The News Lab. 3.00 Credits.**

Students will report, write, photograph and produce the student newspaper of Saint Peter's University, the Saint Peter's Tribune. Students will learn copyediting and design skills as well as produce multimedia for the online edition.

**CU-315. Business and Professional Communication. 3.00 Credits.**

How to communicate in various channels necessary for the efficient functioning of groups and organizations. This includes writing for all forms of print and online, as well as, understanding interpersonal interaction and group dynamics that support and promote effective teamwork. Prerequisites: CM-102; Course Type(s): Writing Intensive.

**CU-320. Augmented Reality. 3.00 Credits.**

This course covers the technical and experiential design foundation required for the implementation of immersive environments in current and future virtual, augmented and mixed reality platforms. The curriculum covers a wide range of literature and HCI concepts following the evolution of all supporting technologies including visual displays for VR, AR and MR, motion tracking, interactive 3D graphics, multimodal sensory integration, immersive audio, user interfaces, IoT, games and experience design.

**CU-327. Digital and Social Media Marketing. 3.00 Credits.**

This course introduces students to the current thinking, practice and developments in digital and social media marketing, including: Social media marketing for B2C, B2B, not-for-profits, Internet marketing, online PR and reputation management, and mobile marketing. Prerequisites: CM-102.

**CU-340. Sportswriting. 3.00 Credits.**

A study of the growth of this area of specialized journalism, including interviewing, reporting, and writing assignments for a variety of sports. Prerequisites: CM-102.

**CU-341. Art & Entertainment Journalism. 3.00 Credits.**

An overview of an area of specialized journalism: Arts and Entertainment. A look at the history and current issues in the arts, from early 20th century tabloids to today's bloggers, copyright concerns and arts in the community. Prerequisites: CM-102 AND CU/JN-205.

**CU-350. Public Relations. 3.00 Credits.**

Influencing public opinion is the major goal of public relations activities. This course examines the roles of opinion research, press agency, product promotion, publicity, lobbying, public affairs, fund-raising and special events management in creating a favorable image for a client. Writing skills are emphasized. Prerequisites: CM-102.

**CU-352. Conversations With Writers/Metro Seminar. 3.00 Credits.**

A Metropolitan Seminar local travel course.: An introduction to the working habits and aesthetic ambitions of professional writers of books, screenplays, newspaper articles and other media content. Students will read writers' works, publicity and marketing material, then students will discuss the information with the authors in New York City. Additional course fee of \$50.

**CU-355. Video Storytelling. 3.00 Credits.**

This course is designed to introduce video storytelling, shooting and editing techniques for multi-platform environments in journalism, public relations, advertising and marketing. The course will teach students to recognize and understand the technical and aesthetic aspects of visual storytelling, and how to produce narratives using a combination of still images, video, ambient sound, interviews and graphics. Prerequisites: CM-102.

**CU-376. Making Documentary Films. 3.00 Credits.**

This course will introduce students to the production of historical documentaries. Students will learn to curate a variety of primary and secondary sources into a visual narrative. Students will be introduced to the techniques of directing, producing and filming documentaries.

**CU-383. Animation Production. 3.00 Credits.**

This course will explore how to convert storytelling into animations. Taking this concept students will explore the complete process from creating storyboards to implementation into various animation formats. Basic principles of animation will be taught in multiple applications such as stop motion animation, timebase animation, motion graphics, 3D animation, and animation in Augmented Reality.

**CU-385. Digital Storytelling and Social Media. 3.00 Credits.**

Students will learn the fundamentals of digital journalism. Emphasizes hands-on instruction in multimedia skills. Topics include blogging, newsletters, photography, video and audio production, use of social media as a reporting tool, along with data visualization and graphics. Guest speakers and discussion on the future of news will also be part of the course. Requires students to produce a final project that consists of storytelling across a range of platforms-for example, a written article, a photo and audio story, and a video. Prerequisites: CM-102.

**CU-400. Research Writing. 3.00 Credits.**

This course introduces the process of conducting various forms of quantitative and qualitative research related to the field of Communication. Students will develop and write an original research paper with the long term goal of presentation and/or publication. Prerequisites: CM-102 AND CU-202 OR CU-203; Course Type(s): Capstone, Writing Intensive, Senior Seminar.

**CU-410. Investigative Journalism & Advanced Feat. 3.00 Credits.**

The practical application of investigative and public affairs reporting skills. Students will complete a major investigative news piece and gather information from public records and interview sources. Prerequisites: CM-102 AND CU/JN-205.

**CU-419. Magazine Writing. 3.00 Credits.**

Methods of writing and selling articles for print and web magazines from brief profiles and how-to pieces to long narrative articles. An introduction to query writing. Prerequisites: CM-102 AND CU/JN-205.

**CU-420. Social Documentary Filmmaking. 3.00 Credits.**

In this course students will explore the history and methods of social impact documentaries as a tool for education, action and change. Students will also produce a final project, studying filmmaking from concept, to production and post production; culminating in an end-of-the year film festival. Course Type(s): Mission Seminar.

**CU-423. The American Film. 3.00 Credits.**

Through lectures, films shown in class, readings, and research projects, this course will develop the students' ability to analyze film in depth as well as to understand the historical and artistic development of the Hollywood film industry. Classical and current films will be studied in relation to American as well as foreign film traditions. Prerequisites: EL-206 EL-207.



**CU-489. Globalization and Fieldwork Seminar. 3.00 Credits.**

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Course Type(s): International (Travel), Pluralism.

**CU-495. Media Internship I. 3.00 Credits.**

This course integrates study in a specialty area of media communications with a job experience in the field. Students will compare academic preparation to work place demands, and will think critically about choosing learning resources for the world of work. Prerequisites: CU-202, CU-203 OR CU-205 AND CM-102.

**CU-496. Live Sports Production Internship. 3.00 Credits.**

This course will students with hands-on experience in live broadcast sports production, focusing on various aspects such as camera operation, audio engineering, producing, and post-production editing. Students will serve on the production team of Saint Peter's Athletic Department's TV sports broadcast. Through practical application and mentorship, students will gain insights into the dynamics of live sports broadcasting and develop essential skills for a career in television production.

**DS Courses****DS-210. Data Science and AI Principles. 3.00 Credits.**

Students develop a critical comprehension of the fundamental principles of data science that guide the extraction of valuable information and knowledge from data. Students apply these concepts across the data science and analytics landscape within the contexts of business examples and other emerging fields. Students explore the most common methods used in data science, addressing topics such as predictive modeling, data visualization, probability distributions, Bayes' theorem, statistical inference, clustering analysis, decision analytic thinking, data and business strategy, cloud storage and big data analytics.

**DS-310. Introduction to Data Mining. 3.00 Credits.**

This course will provide students with an understanding of the industry standard data mining methodologies, and with the ability of extracting information from a data set and transforming it into an understandable structure for further use. Topics covered include decision trees, classification, predictive modeling, association analysis, statistical modeling, Bayesian classification, anomaly detection and visualization. The course will be complemented with hands-on experience of using Python data mining modules to solve realistic problems based on real-world data. Prerequisites: CS-337.

**DS-330. Cloud Computing Eco-Systems. 3.00 Credits.**

Students will identify the fundamentals and essentials of Cloud Computing. They will adapt Cloud Computing tools and services for implementation in real life scenarios as well as in commercial application systems such as Google Apps, Microsoft Azure and Amazon Web Services.

**DS-340. SQL Programming. 3.00 Credits.**

Students will gain experience doing complex relational database queries that will help them in using any relational database system. They will also gain an understanding of ANSI standard objects and programming techniques including writing and calling stored procedures, views, triggers, functions, and using transactions, locks as well as a brief introduction to cursors.

**DS-370. Big Data Analytics. 3.00 Credits.**

Students will explore the technologies critical for acquiring, organizing, storing, and analyzing big data, or large datasets that are challenging to store, search, share, visualize, and ultimately analyze. They will differentiate between Big Data that is structured, semi-structured, and unstructured. They will determine how to utilize the latest tools and techniques required to analyze, debug, iterate and optimize that analysis to infer actionable insights from Big Data. Students will also investigate the public Cloud as a resource for big data analytics. Prerequisites: DS-210.

**DS-399. Major Capstone Project. 3.00 Credits.**

In this capstone research practicum, students will synthesize and apply their knowledge of data science to interdisciplinary problems from a variety of industry sectors. Students will work in teams to define, design and implement an analytics project collecting and processing data, building modeling, designing a strategy, and implementing the best available method for solving the problem. They will select research questions and datasets from real world industry or government organizations. At the conclusion, students will write a report that summarizes their project, including design and model details, data analysis techniques, outcomes and conclusions. Prerequisites: DS-210.

**DS-445. Blockchain Technology. 3.00 Credits.**

Students will discover what blockchain is, from both business and technical perspectives, gaining insight into how it affects industry and organizations; they will explore how blockchain works and exists in the public domain while still maintaining transparency, privacy, anonymity, security, and history. They will build applications and solve real world problems utilizing the blockchain technology of transactions, blocks, proof-of-work, and consensus building. Additionally, students will determine how cryptocurrency works and reflect on why people value digital currency.

**DS-450. Data Law Ethics Business Intelligence. 3.00 Credits.**

Students will analyze ethical and intellectual property issues related to data analytics and the use of business intelligence. Students will discern learn the legal obligations in collecting, sharing and using data, as well as the impact of algorithmic profiling, industrial personalization and government; they will also explore the following topics: issues of privacy, data protection, non-discrimination, equality of opportunities and due process in the context of data-rich environments.

**DS-460. Intro to Biomedical Data Analytics. 4.00 Credits.**

This course serves as an introduction to data analytic techniques to understand and analyze biomedical data available to bio-scientists and the medical profession. The two main sources of data focused on are modern genomic data and healthcare level data. An introduction to the biology of modern genomics and some of the tools that are used to measure it. This will include basic molecular biology, the genome, DNA and RNA sequences, and the central dogma. Students will learn techniques to analyze data from sequencing experiments. Students will be introduced to the healthcare environment and the various sources of healthcare data. How to import, clean, and refine data from these sources. You will learn to pose and answer meaningful clinical questions using routinely collected healthcare data. The practical skills you will learn in this class will be applicable to any task involving healthcare data manipulation and analysis. Prerequisites: BI-183 AND CS-241.

**DS-460L. Intro for Biomedical Analytics Lab. 0.00 Credits.**

This course is the lab component for the Introduction to Biomedical Data Analytics course. The lab will cover the applications of the theory and concepts taught in the lecture. Prerequisites: DS-460 Course Type(s): Lab Courses.

**DS-483. Data Structures & Algorithms. 3.00 Credits.**

Students will explore core data structures and algorithms used in everyday applications as well as the trade-offs involved with choosing each data structure they will apply traversal, retrieval, and update algorithms, and utilize linked lists, stacks, queues, binary trees, and hash tables. Prerequisites: DS-210.

## EA Courses

**EA-011L. Language Workshop II. 0.00 Credits.**

A one-semester language lab that must be taken in conjunction with EA-031 and EA-041. It is designed to provide assistance with listening, speaking, reading, and writing in English at an academic and college level. Course Type(s): Remedial, Lab Courses.

## EC Courses

**EC-101. Macroeconomic Principles. 3.00 Credits.**

Definition of economics and its methodology. Scarcity and the resulting macroeconomic problems. Measurement and determination of the level of macroeconomic activity (size and components of GNP, full employment, growth); stabilization problems (unemployment and inflation) and policies. Course Type(s): Core curriculum course.

**EC-102. Microeconomic Principles. 3.00 Credits.**

Scarcity and the resulting microeconomic problems. Demand and supply analysis and applications. Production and cost functions. Market structures, industry and firm conduct and performance. Resource markets. Prerequisites: EC-101.

**EC-251. Intermediate Microeconomics. 3.00 Credits.**

The fundamentals of microeconomic theory. Consumer demand theory including the classical utility and indifference curve approach to consumer equilibrium. Firm behavior under various types of market structures. General equilibrium. Prerequisites: EC-101 EC-102.

**EC-252. Intermediate Macroeconomics. 3.00 Credits.**

Models of national income determination. Inflation, unemployment, and the role of monetary and fiscal policy. Prerequisites: EC-101 EC-102.

**EC-295. Credited Internships. 3.00 Credits.****EC-300. Stats for Business Finance & Economics. 3.00 Credits.**

Introduction to the use of statistics in describing and solving economic and business problems. Frequency distributions, measures of central tendency and dispersion. Basic probability theory and acceptance sampling. Confidence interval estimation and hypothesis testing. Simple regression and correlation analysis. Prerequisites: EC-101 EC-102, MA-105(9413) OR MA-123, MA-106(9414) OR MA-124.

**EC-301. Economic and Financial Modeling. 3.00 Credits.**

This course introduces students to the methods and techniques that are used to quantitatively model economic and financial concepts. Prerequisites: EC-300.

**EC-303. Economic & Financial Engr W/ Derivatives. 3.00 Credits.**

This course discusses financialization and how derivatives, such as forwards, futures, swaps and options, can be designed to facilitate risk management. Additional topics could include various options strategies for hedging/risk management, binomial options pricing, financial engineering for risk management for Value-at-Risk (VAR), and arbitrage. Prerequisites: EC-301.

**EC-324. Poverty & Inequality. 3.00 Credits.**

Description and analysis of the causes, characteristics and consequences of poverty. Links between poverty and inequality. Measurement of the different dimensions of poverty and inequality. Comparative analysis of poverty and inequality across countries. Poverty reduction policies and strategies. Prerequisites: EC-101 EC-102; Course Type(s): Pluralism, Mission Seminar.

**EC-353. Labor Economics. 3.00 Credits.**

Labor aspects as a factor of production. Concept and changing composition of the labor forces competing theories of wage determination employment insecurity institutional and political developments consequent upon the emergence of the labor force as a separate economic entity. Prerequisites: EC-102.

**EC-355. Government and Business. 3.00 Credits.**

The nature and scope of the government's antitrust and regulatory policies and the impact of those policies on business and industry. Topics include: the legal basis, limitations, instruments and targets of control benefits versus costs of regulation evaluation of relevant governmental agencies and bodies (FDA, EPA, FCC, SEC, etc.). Prerequisites: EC-101 EC-102.

**EC-356. Urban Economics. 3.00 Credits.**

Inquiry into the growth and development of urban areas the location, form and structure of cities current urban problems and policies. Prerequisites: EC-101 EC-102.

**EC-357. Economics of Human Resources. 3.00 Credits.**

The economic dimensions of basic decisions made by individuals and families over their life cycles and the policy implications of those choices. Topics include: economic determinants of marriage, family size and migration labor supply and alternatives to working (public assistance or crime) investment in human capital (education, training, health) income inequality, poverty and discrimination. Prerequisites: EC-102.

**EC-358. Public Finance. 3.00 Credits.**

An analysis of the role of government in the economy. The efficiency and equity of government expenditures and tax programs. Prerequisites: EC-101 EC-102.

**EC-450. International Trade. 3.00 Credits.**

Trade theories: traditional and modern approaches. International resource allocation, trade flows, tariff and non-tariff barriers to trade, free-trade agreements, multinational corporations, location theory. Prerequisites: EC-101 EC-102; Course Type(s): Pluralism.

**EC-452. Economic Development. 3.00 Credits.**

Measurement and income distribution - obstacles, constraints, factors, and theories of economic development. Aid, planning, and actual experiences. New consideration to the development process. Prerequisites: EC-101 EC-102 OR PERMISSION OF INSTRUCTOR.

**EC-454. Political Economy of Latin America. 3.00 Credits.**

Survey of historical, cultural and political events. A contemporary study of economic development, debt crisis, trade, financial and stabilization policies. Prerequisites: EC-101 EC-102; Course Type(s): Oral Communications.

**EC-494. Sem: Unions & Collective Bargaining. 3.00 Credits.**

The nature and economic significance of labor unions in the U.S. Topics include: the historical development of the American labor movement the structure of labor relations collective bargaining procedures and strategies the impact of unions on wages and working conditions. Prerequisites: EC-101 EC-102.

**EC-496. Capstone Seminar. 3.00 Credits.**

This capstone course ties together the various components in the Economic Major as well as prepares graduates for the next level. Students will develop a synthesis production. Should be taken last term senior year. Honors students are not required to take this course. Prerequisites: EC-251 EC-252 EC-300; Course Type(s): Capstone, Writing Intensive.

**ED Courses****ED-001. Reading Lab. 0.00 Credits.**

Reading Lab Course Type(s): Remedial.

**ED-010. Dynamics of College Reading. 3.00 Credits.**

A program of selected readings, vocabulary enrichment, and guided study which enables students to develop effective study and critical reading skills by introducing them to selected readings in diverse fields including their major. Course Type(s): Remedial.

**ED-101. Dynamics of College Learning I. 3.00 Credits.**

Using multiple interdisciplinary methods, students will become familiar with the University and develop skills they need to be successful in college. Transition course topics include: test-taking strategies, math, reading, writing, technology, and study skills.

**ED-102. Dynamics of College Learning II Lab. 1.00 Credit.**

A multidisciplinary course for freshmen to assist in their development as responsible college students and to further their potential for academic success. Course Type(s): Lab Courses.

**ED-103. Career Development. 1.00 Credit.**

This course will provide you with the basics needed in your academic and career planning process. Through guided self-assessment, exploration, and career preparedness activity, students refine and identify potential career interests and understanding of how their major relates to various careers and professions. Students will gain exposure to identifying internships, resume writing, interviewing, networking and developing a personal brand. This course will put students on the road to career success.

**ED-104. Experiential Learning Lab. 1.00 Credit.**

Lab for Trio students to guide students as they participate in a chosen experiential learning activity. Course Type(s): Lab Courses.

**ED-105. TRIO Student Support Excel Sr Sem Lab. 1.00 Credit.**

This senior seminar will cover items under the Excel component of the TRIO Program such as the Real World Experience; Graduate School Prep, degree completion, implementation of post-graduate plans, experiential learning, social and leadership growth. Course Type(s): Senior Seminar.

**ED-160. Education/Schooling/Multicultural Soc. 3.00 Credits.**

This course introduces students to education in a diverse and multicultural world. Students learn about the teaching profession by focusing on career readiness and the historical and philosophical foundations of education in the U.S. and other parts of the world. There will be a focus on students with disabilities, and effective instruction. The course introduces students to lesson planning, the certification process, and required curriculum standards. Additional TK20 fee of \$100. Course Type(s): Pluralism.

**ED-170. Child and Adolescent Psychology. 3.00 Credits.**

A study of the growth and development from birth to adolescence within the context of the school.

**ED-190. Clinical I With Praxis Seminar. 3.00 Credits.**

In this course, Education students complete a 50 hour placement in a local school at the level of certification sought. The seminar will prepare students to take the New Jersey Praxis I examination. Students will meet with the professor weekly. Course Type(s): Senior Seminar.

**ED-200. Adapt Phys Ed for Special Needs Students. 3.00 Credits.**

This course will provide an overview of adaptive physical education including an expanded definition, historical background, classifications and IEP development, assessment practices and teaching and instructional strategies for the special needs students.

**ED-201. Fundamentals of Speech. 3.00 Credits.**

This course focuses on child development from birth to age eight. Students will learn about theories of child development and how cognitive and linguistic factors affect development and learning. Students will learn about learning styles and multiple intelligences.

**ED-203. Educational Psychology. 3.00 Credits.**

A study of the psychological backgrounds. Topics include: adolescent growth and development, individual differences, the learning process, motivation, the process of effective study, transfer of training, and measurement of intelligence.

**ED-204. Experiential Learning Lab. 0.00 Credits.**

This course for ASP sophomores is meant to consolidate the work done in freshman year and provide additional learning opportunities and resources to help students progress with their choice of major, apply for internships, and remain connected with the ASP office for individual advisement and counseling. It will be offered as a hybrid course, with students completing assignments online and meeting with the ASP faculty/staff on a regular basis. Prerequisites: ED-101 OR ED-102 OR ED-103; Course Type(s): Independent Study, Lab Courses.

**ED-250. Educational Pedagogy of World Languages. 3.00 Credits.**

Methods of foreign-language pedagogy, lesson planning, syllabi, classroom activities, and methods of evaluation. Taught in English; recommended for education majors and/or minors.

**ED-295. Credited Internships. 3.00 Credits.****ED-301. Assessment. 3.00 Credits.**

An overview of essential concepts and principles of classroom and school-wide formative and summative assessments in the elementary classroom. An examination of tests and trends in psychological, standardized, and achievement tests and the rationale and assumptions underlying these assessments. Consideration and evaluation of the types of tests commonly used such as state, local, and national assessments as well as discussion of the interpretation of the results.

**ED-389. Undocumented Youth-Edu/Immigration Right. 3.00 Credits.**

This course will examine youth-lead movements for education and immigrant rights. To understand these issues, we will engage in readings, discussions, site visits, guest speakers and action research projects. Course Type(s): Pluralism.

**ED-390. Innovative Projects in Education I. 3.00 Credits.**

Special projects of merit under the direction of a mentor. Open to juniors and seniors only. Course Type(s): Senior Seminar.

**ED-391. Innovative Projects in Education II. 3.00 Credits.**

Special projects of merit under the direction of a mentor. Open to juniors and seniors only. Course Type(s): Senior Seminar.

**ED-395. Special Topics in Education. 1.00 Credit.**

Exploration of a selected topic in the field of education. Course Type(s): Senior Seminar.

**ED-397. Professional Assessment Strategies. 3.00 Credits.**

Course would incorporate subject specific content and strategies for taking standardized assessments.

**ED-399. Independent Study. 3.00 Credits.****ED-427. South Africa: Lit Culture Social Issue. 3.00 Credits.**

This systematic study of the moral and religious principles of the people of southern Africa explores the history, literature and cultures of various ethnic groups. Students study the history of the KhoiSan people of the Cape of Good Hope, the expansion of the Bantu people into southern Africa, the theologized nationalism of the Boers and the Mfecane of Shaka Zulu. The literature, written in or translated into English, poses moral dilemmas. Themes include: the profound patterns of evil within violent societies, the hope of disenfranchised peoples, the nervousness of the colonized and the anguish of individuals controlled by racism, authoritarianism and prejudice. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Pluralism, Writing Intensive, Values.



**ED-428. Literature of East and West Africa. 3.00 Credits.**

A study of seminal texts representing the Acholi, Gikuyu, Malinke, Igbo, Wolof, Bambara and Senegalese peoples of East and West Africa. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism, Online Course, Mission Seminar.

**ED-429. Multicult Lit Young Adult Chains/Freedom. 3.00 Credits.**

The theoretical framework of this course is the social contract theory. Students study the natural rights defense of liberty as well as the normative theories of right revolution, the common good and civil virtue as they read eight award winning novels on the middle school level. Note: Students who seek credit as a Values course must complete the prerequisite of six credits of Theology or six credits of Philosophy. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism, Online Course, Mission Seminar.

**ED-430. Children of Hope in Divided America. 3.00 Credits.**

Humanity vs Inhumanity is the core theme of this Values, Pluralism and Writing Intensive course. Slavery, racial discrimination and freedom are analyzed through the key concepts of the Social Contract in America, the Declaration of Independence, the Constitution of the United States, the 13th, 14th and 15th Amendments to the Constitution, the Civil Rights Movement and the historical-theological interpretation of Black Consciousness. The morality of right and wrong and the normative theories of justice and injustice are analyzed as students read award winning novels written for young adults. The narratives begin with the American Revolution and continue through the Civil War, Reconstruction, the Great Depression, Civil Rights and the work of the Black Panthers. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism, Writing Intensive, Mission Seminar.

**ED-490. Clinical Experience I. 1.00 Credit.**

This course will provide clinical experience in an elementary, middle or secondary classroom setting and will provide students with the skills to become effective and caring teachers. Course Type(s): Senior Seminar.

**ED-491. Clinical Experience II. 2.00 Credits.**

This course will allow students to use their knowledge of developmentally appropriate practices and the role that families and communities play in the development of children and adolescents. Students will be reflective practitioners as they work in the classroom to assess children's learning, incorporate effective classroom management plans and obtain resources for families, colleagues, and administrators. Additional TK20 fee of \$100. Prerequisites: ED-490 OR EP-490; Course Type(s): Senior Seminar.

**ED-492. Clinical Prac I & Seminar Elem/Mid/Sec. 3.00 Credits.**

Clinical practice in an elementary, middle or secondary setting in order to provide students with the skills and disposition necessary to become effective elementary school teachers and develop relationships with school colleagues, families, and community. Students will provide learning activities that support cognitive, emotional, and social development. They will design learning experiences that support culturally responsive teaching, and plan and assess developmentally appropriate lessons and units. Additional TK20 fee of \$100. Prerequisites: ED-491 OR EP-491; Course Type(s): Senior Seminar.

**ED-493. Practicum in Reading. 3.00 Credits.**

A field experience designed to provide the opportunity for students to work with reading teachers in a classroom setting. Course Type(s): Senior Seminar.

**ED-495. Clinical Practice II and Seminar. 8.00 Credits.**

Students plan and implement developmentally appropriate and culturally responsive curriculum in an elementary, middle or secondary classroom which demonstrates their knowledge of development and the role of the school community with regard to student's learning. Students implement the required State standards through an integrated curriculum. They use multiple strategies to assess learning and demonstrate effective classroom management. Additional TK20 fee of \$100 and EDTPA fee of \$300. Prerequisites: ED-492 OR EP-492; Course Type(s): Senior Seminar.

**ED-498. Education of the Disadvantaged Child. 3.00 Credits.**

An exploration of the impact of discrimination, social conditions, and deprivation on the educational process, particularly in cities.

**ED-499. Clinical Practice II & Seminar. 6.00 Credits.**

Students plan and implement developmentally appropriate and culturally responsive curriculum in an elementary, middle or secondary classroom which demonstrates their knowledge of development and the role of the school community with regard to student's learning. Students implement the required State standards through an integrated curriculum. They use multiple strategies to assess learning and demonstrate effective classroom management. Additional TK20 fee of \$100 and EDTPA fee of \$300. Prerequisites: ED-490 ED-491 Course Type(s): Senior Seminar.

**EE Courses****EE-202. Elementary Curriculum. 3.00 Credits.**

A comprehensive overview of the total elementary school program as a vehicle for the education of the child in contemporary society. This course will focus on effective curriculum planning. Students will develop unit plans that integrate state standards, differentiated instructional strategies and meet the needs of students with diverse learning styles, disabilities and English Language Learners.

**EE-204. Using Technology in Elem Language Arts. 3.00 Credits.**

This course introduces future elementary school educators to traditional and technological materials and techniques of instruction appropriate to the teaching of spelling, handwriting, listening, and oral and written language skills in the elementary school. The course explores digital literacy in the classroom discussing technological topics such as classroom web page design, using Google Apps, podcasting, screencasting, digital storytelling, blogging, and using Twitter as well as other forms of social media in the elementary classroom. This course has been designated as Writing Intensive. Course Type(s): Writing Intensive.

**EE-206. Teaching Reading/Elementary School. 3.00 Credits.**

Instruction in modern techniques for teaching children to read. Group and individual approaches: phonetic, basic text, and experimental techniques. Study of literature appropriate to reading development, appreciation, and enjoyment.

**EE-212. Methods Teaching Math in Elem School. 3.00 Credits.**

Materials and techniques of teaching mathematics, with appropriate emphasis on the traditional and modern developments in the field. Class activities, teaching aids, planning and evaluation of mathematics learning.

**EE-214. Teach Science/Elem Sch Using Technology. 3.00 Credits.**

Materials and techniques of teaching science with emphasis on the discovery approach to equip the child with basic science learning and to awaken a desire for further science study in elementary school. This course will engage students in hands-on activities supported by technology. Students will apply skills, concepts and principles that unite the science discipline into their lessons and unit plans.

**EE-295. Credited Internships. 3.00 Credits.****EE-495. Student Teaching: Elementary. 8.00 Credits.**

A supervised classroom teaching experience on the elementary level (K-8), including seminar meetings and conferences scheduled prior to and during the student-teaching term.

**EE-499. Student Teaching: Elementary. 6.00 Credits.**

A supervised classroom teaching experience on the elementary level (K-8), including seminar meetings and conferences scheduled prior to and during the student-teaching term.

**EL Courses****EL-175. Fundamentals of Acting I. 3.00 Credits.**

Students will use scenes, activities, and games to learn to improvise, move on stage, project their voices, understand a scene, and develop a character.

**EL-176. Fundamentals of Acting II. 3.00 Credits.**

Continuation of Part I including presentations for theatre and video space creation of video suitable for use as an audition piece.

**EL-201. English Literature to 1800. 3.00 Credits.**

A study of major works in British literature from the Old English period through the eighteenth century, with emphasis on literary forms, genres, and themes, as well as key linguistic, cultural, and historical contexts. Prerequisites: CM-102 Course Type(s): Core curriculum course.

**EL-202. English Literature From 1800. 3.00 Credits.**

A study of major works of British literature from the Romantic and Victorian Eras to the present, focusing on thematic concerns and aesthetic innovations within British literary production in relation to the socio-historic development of the cultures of Great Britain and its Commonwealth. Prerequisites: CM-102 Course Type(s): Core curriculum course.

**EL-203. American Literature to 1900. 3.00 Credits.**

This course surveys American literature from its beginnings through the late nineteenth-century; it seeks to introduce students to the basic concepts of literary study, while reading the major authors of the American literary tradition. It examines these texts by identifying major themes and motifs, and contextualizing readings in regard to their historical time frame and academic position. Prerequisites: CM-102 Course Type(s): Core curriculum course.

**EL-204. American Literature From 1900. 3.00 Credits.**

This course surveys American literature from the late nineteenth-century through the present. It seeks to introduce students to the basic concepts of literary study, while reading the major authors of the American literary tradition, identifying major themes and motifs and contextualizing readings in regard to their historical time frame and academic position. Prerequisites: CM-102 Course Type(s): Core curriculum course.

**EL-205. Survey of World Literature. 3.00 Credits.**

An introductory survey of the modern and contemporary literatures of the developing world, with particular emphasis on interdisciplinarily situating texts in terms of their various cultural, political, economic, and historical contexts. As an introductory literature course, this class will also serve to introduce students to the methods of close-reading-based textual analysis. Prerequisites: CM-102, CM-115, CM-116, OR CM-120; Course Type(s): Arts/Language, Addl Humanities, Pluralism.

**EL-206. Poetry. 3.00 Credits.**

This introductory literature course is designed to help students develop the skills necessary to understand and enjoy poetry. The class will explore the diversity and range of poetry, emphasizing the analysis of short lyric poems, and selected examples of verse drama, verse essay, and narrative poems. Prerequisites: CM-102, CM-115, CM-116, OR CM-120; Course Type(s): Arts/Language, Addl Humanities.

**EL-207. Drama. 3.00 Credits.**

This class introduces students to the creative, eclectic and wonderful world of theatre in order to develop an appreciation for the art. Members of the class work together on creating a greater awareness of the role of theatre in its aesthetic, cultural, historical, and educational settings, helping students to gain a strong and well-rounded understanding of the role theatre plays in our everyday lives. Prerequisites: CM-102, CM-115, CM-116, OR CM-120; Course Type(s): Arts/Language, Addl Humanities.

**EL-208. Fiction. 3.00 Credits.**

Designed to initiate and develop understanding and appreciation of the nature, properties, and traditions of prose fiction; and to stimulate critical interest in this literary form by establishing standards of judgment and evaluation. Prerequisites: CM-102, CM-115, CM-116, OR CM-120; Course Type(s): Arts/Language, Addl Humanities.

**EL-212. History of Film I: Beginnings to 1959. 3.00 Credits.**

This course presents an overview of cinema history from its beginning to 1959 and provides students with the basic tools for analyzing the art of film. Students view representative films from major movements and study the uses of camera, editing, light, and sound.

**EL-213. History of Film 1960 - Now. 3.00 Credits.**

This course presents an overview of cinema history since 1959, with attention to the cultural, political, economic, and technological forces that helped to shape cinema during this time. Significant trends within the U.S. are studied, including new and changing genres, independent and maverick filmmakers, and the dominance of Hollywood blockbusters. Students are introduced to national cinemas in Asia, Africa, and Latin America.

**EL-250. Live Performance Art. 3.00 Credits.**

Participants will be enlightened, enriched, entertained, by attending performances representative of Broadway musicals, ballet, concerts, dance, and opera. Additional course fee of \$235. Prerequisites: CM-115, CM-117 OR CM-120.

**EL-252. Creative Writing: Fiction. 3.00 Credits.**

Creative Writing: Fiction is designed to teach the craft of writing works of prose fiction of various lengths. The objective of the course to produce original work through the study of short stories and novels composed by published authors with a wide range of styles. Writing workshops will work on audience, point of view, tone, language choice, plot, character, setting, dialogue and description, depending on the overall form.

**EL-253. Special Topics in Creative Writing. 3.00 Credits.**

Special Topics in Creative Writing is designed to teach the craft of creative writing, focusing on a particular literary genre or topic, which will vary by semester. The objective of the course is to produce original work through the study of published authors with a wide range of styles, determined by the course's focus. Writing workshops will work on audience, point of view, tone, language choice, plot, character, setting, dialogue and description, depending on the overall form.

**EL-254. Dramatic Writing Workshop. 3.00 Credits.**

An introduction to the basics of dramatic writing, this course is for students who wish to concentrate on developing scripts for the stage. Prerequisites: CM-115, CM-117 OR CM-120.

**EL-257. Creative Writing: Poetry. 3.00 Credits.**

Creative Writing is designed to teach the craft of writing creatively; the objective of the course is to produce original work through the study of published authors with a wide range of styles, determined by the genre focus. In this class we will read a wide variety of poetry, in different forms and from various time periods. We will analyze poems considering context, literary devices, style, and themes, and we will then use them as inspiration for composing our own poetry. By the end of the semester, students will have not only written multiple poetic analyses, but they will also have compiled a dossier of their own creative work, which they will be encouraged to read aloud at one or more "poetry slam" events. Students will also be encouraged to become involved with *The Pavan*, the literary magazine of Saint Peter's University.

**EL-259. Creative Writing: Playwriting. 3.00 Credits.**

An introduction to the basics of dramatic writing, this course is for students who wish to concentrate on developing scripts for the stage.

**EL-265. Screenwriting. 3.00 Credits.**

This course is designed to introduce the fundamentals of writing for film and television. Students experience the same creative process as a professional screenwriter, moving through the various levels of a typical Hollywood "step" deal. During the first two weeks of class, the students conceive, plan, outline and "sell" their ideas for either a feature length film (75-120 minutes) or a television program (sit-com or drama series pilot). Prerequisites: CM-115 OR CM-120; Course Type(s): Writing Intensive.

**EL-281. The Science Fiction Film. 3.00 Credits.**

This class is designed as a cultural analysis and history of the science fiction film genre. Students will look at the origins of science fiction on film, starting with its roots in literature. Through readings and the viewing of films, they will become familiar with the landmark films of the genre, the important film makers working in the genre, writers, and screen personalities. Ultimately, they should be able to analyze and read the science fiction film as a symbolic text, an art form of metaphors designed to address society's relationship to science, technological progress, and artists' use of the genre as a way of commenting on social trends in any given period and a way of predicting the future of a society based on its use of and relationship to science. Prerequisites: CM-102.

**EL-293. Today's Film Scene. 3.00 Credits.**

Students will meet in Manhattan to view and analyze contemporary films, often before they are released to the general public. At times the film makers are likely to participate. The course will give students a knowledge of the contemporary film scene as well as skills in film analysis. Additional course fee of \$235. Prerequisites: CM-115, CM-117 OR CM-120.

**EL-295. Credited Internships. 3.00 Credits.****EL-298. Literary Travels. 3.00 Credits.**

Students will read, analyze, and write about works of literature, within their historical contexts, and will travel to the site(s) of their inspiration, typically during the spring break. Destinations will vary, depending on the theme of the class. Additional course fee of \$50.00. Course Type(s): International (Travel).

**EL-303. Dante Boccaccio and Chaucer. 3.00 Credits.**

In this course we will study, analyze and compare three literary giants of the late Middle Ages: Dante, Boccaccio and Chaucer. Each writer will be studied separately and in a comparative context. In addition, we will look at the influence of these writers on one another, Dante on the other two and Boccaccio on Chaucer. Naturally, each of the writers will be discussed in his historical context, how the three express medieval thought and values and can be read as precursors of the early Renaissance. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-304. Medieval English Literature. 3.00 Credits.**

Survey of the Old English period (499-1066), covering selected prose and poetry, including Beowulf, and the Middle English period (1066-1485), surveying the works of Chaucer, Langland, the Gawain poet, Malory and others. (Group 1) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-306. Textual Analysis: Theory and Practice. 3.00 Credits.**

An introduction to the predominant contemporary methodologies of literary/cultural studies analysis and their theoretical underpinnings, this course will introduce core disciplinary concepts and develop awareness of the "schools" of criticism that make up the field of literary/cultural studies analysis as it stands today (new historicism, feminism/gender studies, deconstruction, etc.), thereby grounding students in the constitutive disciplinary practices of the field of English. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-308. Literature and Pop Culture. 3.00 Credits.**

Literature and Pop Culture will focus upon a different author or aspect of contemporary literary fandom each semester it is offered. It will consider how composers of fan fiction, spinoffs, mashups, screenplays, vlogs, video games, and more adapt the works of their favorite authors in order to extend their experiences in these beloved "universes" and to bring their characters along with them, addressing issues of their own times. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-309. Women in Drama. 3.00 Credits.**

This class will explore the multitude of contributions made to the world of drama and theatre by female-identifying playwrights, producers, directors, designers and performers to help you develop an appreciation and understanding for their historical impact for this art form. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-310. Gender and Sexuality in Film. 3.00 Credits.**

An introduction to an understanding of the ways in which gender and sexuality have been represented in film and the mass media. Beginning with an introduction to methods of film analysis, it will explore socio-cultural presumptions about gender and sexuality, how some of these have changed over time, and how they have influenced social expectations, body types, and narrative structure. It will also look at diversity within categories and how "woman" can include Charlize Theron, Kate McKinnon, Lillian Gish, and Marilyn Monroe and "man" can include John Wayne, Kevin Hart, and Pee Wee Herman. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-311. The Renaissance: Major Texts. 3.00 Credits.**

Interpreting the term "texts" broadly (as any important intellectual or artistic productions emerging from the variously and often vaguely defined era called the Renaissance), this course examines crucial literary works-including Don Quixote, Hamlet, the sonnets of Petrarch, and Calderon's Life is a Dream-as well as important artists (Giotto, Michelangelo, Leonardo, and Raphael) and philosophers (Descartes and Pascal, among others) of the period. (Group 1) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-312. Fantasy: Worlds of Wonder. 3.00 Credits.**

Fantasy, comprised of tales rooted in history and myth, still retains contemporary resonance. From the fairy tale aspect of The Wizard of Oz to the epic scope of The Lord of the Rings, fantasy as a literary genre continues to fascinate readers. This course will draw on such diverse scholarly sources as J.R.R. Tolkien's approach to world-building to Joseph Campbell's arc of the hero's journey to explore classics of this compelling type of literature. Students will read and analyze selected works to determine not only the power of creative aesthetics found therein but also to analyze why such stories are experiencing a popular resurgence in today's society. For those who have spent years secretly wishing for an acceptance letter from Hogwart's, this course will provide entry into quests, quidditch, and cavernous wardrobes that open into magical realms! Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-313. Renaissance Drama. 3.00 Credits.**

A reading and analysis of a variety of Renaissance plays from England and the continent (including Spain, Italy and Portugal). (Group 1) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.



**EL-314. Elizabethan and Jacobean Drama. 3.00 Credits.**

A study of important dramatists, from Marlowe to Ford, excluding Shakespeare. Revenge tragedies, history plays and city comedies are examined both as literature and as plays intended for performance. (Group 2) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208; Course Type(s): Writing Intensive.

**EL-315. Studies in Shakespeare. 3.00 Credits.**

A critical appreciation of representative sonnets, history plays, comedies, "problem comedies", tragedies, and romances. Works are studied within their historical context, and plays are approached both as published literature and as work designed for the stage. (Group 2) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-324. Restoration and Eighteenth Century Drama. 3.00 Credits.**

After the English Civil war and Charles II's restoration to the throne, English theater saw a revival and openness to new themes and broader participation (with women joining the ranks of players and playwrights). In this class, we will examine wickedly satirical comedies of manners, highly emotional tragedies, and new genre of opera, and more - on the page and in performance. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-330. Greek Mythology: When Women Were Gods. 3.00 Credits.**

A study of Greek Mythology: the theories of myth and their specific influence in literature, media, and art. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-331. English Romanticism. 3.00 Credits.**

An exploration of major trends in English Romanticism with particular attention to the question of why writers of this era had such an explosive effect on the course of English literature. (Group 3) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-332. W. Wordsworth Percy B. Shelley J.Keats. 3.00 Credits.**

Issues to be discussed in this class include the nature of Romanticism, the Romantic Revolution, and these writers and other Romantic poets as rebels against the work and views of poets of the Eighteenth century. Important themes which these poets focused on and which we will discuss are the poet, himself or, rather, his feelings and ideas as the subject of his verse. Another theme, especially in our discussion of William Wordsworth, is the poet's relationship and view of nature. And, finally, we shall study the work of these poets as expressions of deep feelings, and attitudes and their defense of emotion as a legitimate subject of poetry. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-334. Victorian Prose and Poetry. 3.00 Credits.**

An exploration of significant trends in Victorian literature primarily through a study of the works of its major poets, essayists, and novelists. (Group 3) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-335. Victorian Life and Literature. 3.00 Credits.**

A study of art, education, history, religion, and science in the literature of the Victorian era. (Group 3) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-339. Literature of the Black Atlantic. 3.00 Credits.**

Africana culture has flowed across the Atlantic Ocean littoral from the earliest days of the trans-Atlantic slave trade - not just from West Africa to the New World, but back and forth in complex circuits interconnecting the black peoples of West Africa, the Caribbean, the United States, and the United Kingdom. This is what scholar Paul Gilroy, in his groundbreaking formulation, calls "the Black Atlantic": an Africanist socio-cultural entity that traverses national and geographic borders. This course examines the literature of the Black Atlantic, proceeding from a survey of different theorizations of blackness to an analysis of select works by black authors that focus particularly on social and cultural encounters, exchanges, movements, and inter-group conceptualizations of different Africana peoples. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208; Course Type(s): Pluralism, Writing Intensive.

**EL-345. Gothic Literature. 3.00 Credits.**

The Gothic mode in fiction has been popular for over two centuries. This course explores stories and novels, from *The Castle of Otranto* to *The Exorcist*, that reflect crucial elements of the genre. We will be reading all forms of the Gothic-supernatural, mechanical, and psychological. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-354. American Drama. 3.00 Credits.**

An exploration of works by important American playwrights-including O'Neill, Williams, Hansberry, Mamet, and Wilson-this course examines how plays present universal concerns of family, identity, and the search for meaning, as well as specifically American themes of race, class, and gender. (Group 4) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-360. LGBTQ Drama. 3.00 Credits.**

This course will focus on 20th and 21st Century American drama that deals with the subject of Gay, Lesbian, Bisexual, Transgender and Queer life. Members of the community wrote some pieces; others use an LGBTQ character in a unique manner. All of the pieces contend with the history of this minority group in a historical context; each piece seeks to decipher the place of minority (and often multi-minority) cultures in America. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208; Course Type(s): Pluralism.

**EL-361. Hitchcock. 3.00 Credits.**

This course is designed to offer an in-depth study of the films of Alfred Hitchcock. Examining the major films against the director's life and the Hollywood system, students will understand the parameters of auteur theory and the working of the Hollywood system. Particular emphasis will be placed on Hitchcock's story-boarding method, stylistic and cinematic technique, and his innovative use of editing and sound. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-362. African American Literature. 3.00 Credits.**

Students will experience the artistry of American writers of color by tracing their development from the early slave narrative to contemporary works of film, novels, and poetry. Discussions will revolve around these texts to familiarize readers with theories of formal literary reading, and cultural/ethnic distinction subjects include gender-based criticism, theories of community, and attitudes toward racism and prejudice. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-370. Org.Crime in History Literature & Film. 3.00 Credits.**

This course explores the histories of organized crime in different parts of the world, from the U.S. to India, from Russia to Nigeria. It focuses in particular on the social, economic, and juridical factors that have shaped the development of organized crime and how its representation in literature, film, and popular culture has both served as a means of making sense of organized crime as a social phenomenon and fed into the self-fashionings of members of organized crime groups. Prerequisites: CM-102.

**EL-371. Topics in Greek Theatre. 3.00 Credits.**

This course will explore the role of female characters in Greek tragedy in relation to Aristotle's Poetics and the definition of the Tragic Hero. We'll explore how female characters are centered as primary characters, but ultimately denied the role of the tragic hero. We'll explore contemporary feminist theory and scholars who have interacted with these works to deepen our understanding of why and how these characters have been denied the highest honor in Greek Tragedy. Prerequisites: EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 OR EL-208.

**EL-391. America's Roaring '20s. 3.00 Credits.**

This course will consider the history, literature, cinema and culture of America's most turbulent and polarizing decade. The 1920s -- to some, America's golden age - was a time of great prosperity, giving rise to new economic empowerment to the American middle-class, shifting reliance on technology for news and information, changing roles for women and ethnic minorities, and a new-found excitement in cinema and culture. Much the opposite, a growing tide of political conservatism in the presidency led many to retreat to the "lost" cafes of Paris, and the enclaves of Harlem, where the black experience recorded their quest for the American Dream. The history, politics, literature, cinema and cultural trends of this decade illustrate how the American spirit could evolve from the traumas of World War I, to celebrate a new "roaring" American spirit. Students will not only explore the rich and diverse literature and cinema of the period but conduct research of their own into the political and cultural fields that make this period vital in shaping America's maturing place on the global stage. Course Type(s): Senior Seminar.

**EL-403. Great Books. 3.00 Credits.**

Designed to provide a background in intellectual history and provoke consideration of ethics and values, this course studies texts fundamental to the Western literary tradition and to a liberal education. Writers include Homer, Plato, St. Augustine, Machiavelli, Cervantes, Rousseau, Nietzsche, and Dostoevsky. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-417. Detective Fiction. 3.00 Credits.**

This course focuses on the history of detective fiction and the evolution of the genre into reportage - the blending of real crime with the narrative of detective fiction. The selected fictions tell stories of crimes from differing points of view, beginning with the detective, moving toward the criminal and ending with their victims. In addition, a variety of crime genres will be studied: the whodunit, the noir, the docudrama, reportage, the neo-noir and the meta-fiction. (Open to all who have met the prereq. requirements -Take 1 course: From courses EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207, or EL-208. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-421. Fiction and Film. 3.00 Credits.**

The course provides an introductory understanding of film, of the novel, and of the ways they interrelate. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-423. American Film. 3.00 Credits.**

Through lectures, films shown in class, readings, and research projects, this course will develop the students' ability to analyze film in depth as well as to understand the historical and artistic development of the Hollywood film industry. Classical and current films will be studied in relation to American as well as foreign film traditions. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-450. Capstone Seminar. 3.00 Credits.**

A required seminar on a topic in English or American literature. As part of its content, the course will provide an introduction to literary theory and criticism applicable to the seminar's focus. Students will engage in extended research and write and present a capstone thesis. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208; Course Type(s): Capstone, Writing Intensive, Senior Seminar.

**EL-460. Culture of the 70's. 3.00 Credits.**

This course offers an interdisciplinary cultural history of the 1970s in the United States. Particular attention will be focused on exploring the major events, trends, and social movements of the period through close analysis of its literature, film, music, television, and visual art. Topics will include the Women's liberation Movement, the Black Power Movement, urban decay and artistic renaissance in 1970s NYC, the birth of neoconservatism, and the politics of disco and the cultural backlash against it. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-473. Shakespeare: From the Page to the Stage. 3.00 Credits.**

Since Shakespeare's plays were intended to be performed live, not read in silence, we will both critically analyze a selection of his works and then bring the texts alive in performance, employing both original theatrical practices and modern acting techniques. (Group 2) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

**EL-493. Film Noir: Dark Side of American Film. 3.00 Credits.**

An introduction to this American Film genre with reference to its origins in European films and painting of the 1920's and 1930's, and in American hard-boiled detective fiction of the 1930's, as well as to its significance to the development of Hollywood and today's mass media. Prerequisites: 1 COURSE EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**EL-498. SPS Capstone. 3.00 Credits.**

Required for certain SPS students in consultation with advisor. The course will examine the relationships between humanities, social sciences and other disciplines through literature and writing, and will culminate in a thesis. Course Type(s): Capstone.

**EL-499. Business Capitalism & World Literature. 3.00 Credits.**

This class explores through a variety of literary works the promises and dangers posed by the world of business and the global capitalist system. Drawing on texts from the U.S. and the developing world manifesting a wide range of perspectives, we will consider issues such as sustainable business practices, the social impact of state economic policies, business ethics, globalization, the environmental impact of capitalist economic development, and the lived realities of social class. (Group 4) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208; Course Type(s): Writing Intensive, Pluralism, Mission Seminar.

## EP Courses

### **EP-201. Child Development in the Early Years. 3.00 Credits.**

This course surveys and focuses on child growth and development from birth through early adolescence. Theory related to individual stages of growth and educational methods related to those stages are discussed. The psychological, physiological, and sociological aspects and impacts of growth and development are also covered. Prerequisites: ED-170.

### **EP-202. Developing Home School Family Partners. 3.00 Credits.**

This course addresses the role of the home, school and family in the development of and learning of young children. Students will examine the philosophical, historical, political, and social trends and ideologies that impact the care of young children. Students will develop an understanding of diverse family units and identify resources to address their needs.

### **EP-301. Introduction to Special Education. 3.00 Credits.**

This course will provide an overview and introduction to educational disabilities, special education laws, and the Individualized Education Plan (IEP) planning process. Characteristics and prevalence of a wide range of disabilities will be explored. Students will consider contemporary instructional approaches used for specialized populations.

### **EP-302. Meth. Curr. Assess. in EC CL. 3.00 Credits.**

This course will focus on implementing developmentally appropriate teaching practices, classroom management techniques, successful motivational strategies, objectives, lesson plans, and innovative methods. In addition, students will be provided situations to assess professional goals, develop authentic assessment practices, and respond to the cultural, linguistic, and learning needs of all students.

### **EP-490. Clinical Experience I: Early Child/Elem. 1.00 Credit.**

This course will provide clinical experiences in an elementary or early childhood settings and will provide students with the skills to become effective and caring teachers. (Sophomore year) 50 hours. Course Type(s): Senior Seminar.

### **EP-491. Clinical Experience II: Early Child/Elem. 2.00 Credits.**

This course will allow students to use their knowledge of developmentally appropriate practices and the role that families and communities play in the development of children. Students will be reflective practitioners as they work in the classroom to assess children's learning, incorporate effective classroom management plan and obtain resources for families, colleagues and administrators. (Junior year) 75 hours. Additional TK20 fee of \$100. Prerequisites: ED-490 OR EP-490; Course Type(s): Senior Seminar.

### **EP-492. Clinical Prac I & Seminar Elem/Mid/Sec. 3.00 Credits.**

Clinical practice in an early childhood or elementary setting in order to provide students with the skills and dispositions necessary to become effective early childhood teachers and develop relationships with school colleagues, families and community. Students will provide learning activities that support cognitive, emotional and social development. They will design learning experiences that support culturally responsive teaching, plan and assess developmentally appropriate lessons and units. (100 hours) Additional TK20 fee of \$100. Prerequisites: ED-491 OR EP-491; Course Type(s): Senior Seminar.

### **EP-495. Clinical Practice II & Sem Early Child. 8.00 Credits.**

Students plan and implement developmentally appropriate and culturally responsive curriculum in an early childhood/elementary classroom which demonstrates their knowledge of child development and the role of the school community with regard to children's learning. Students implement the Core Curriculum Content Standard through an integrated curriculum. They use multiple strategies to assess learning and demonstrate effective classroom management. (450 hours) Additional TK20 fee of \$100 and EDTPA fee of \$300. Prerequisites: ED-492 OR EP-492; Course Type(s): Senior Seminar.

### **EP-499. Clinical Practice II & Seminar. 6.00 Credits.**

Students plan and implement developmentally appropriate and culturally responsive curriculum in an elementary, middle or secondary classroom which demonstrates their knowledge of development and the role of the school community with regard to student's learning. Students implement the required State standards through an integrated curriculum. They use multiple strategies to assess learning and demonstrate effective classroom management. Additional TK20 fee of \$100 and EDTPA fee of \$300. Course Type(s): Senior Seminar.

## EV Courses

### **EV-100. Introduction to Environmental Studies. 3.00 Credits.**

An introduction to issues such as global climate change, use of natural resources, population issues, impact of political and economic decisions; decision-making considerations; evaluating arguments. Course Type(s): STEM.

### **EV-102. Intro to Climate Change. 3.00 Credits.**

An introduction to the scientific aspects of climate change and the impact of political and economic decisions; decision-making considerations and the evaluation of arguments on different sides of the issue; an underlying issue is sustainability. Course Type(s): STEM.

### **EV-122. Nutrition in Health and Disease. 3.00 Credits.**

This course will explore a wealth of current information surrounding optimal nutrition and its association with disease prevention. Students will learn how to develop and implement a personal diet plan utilizing relevant nutritional recommendations and research for the enhancement of health and well-being.

### **EV-125. Environmental Chemistry I. 4.00 Credits.**

Laboratory/lecture course introducing the chemical principles underlying environmental issues. The class meetings and one four-hour laboratory weekly. Prerequisites: MA-106 OR MA-133; Course Type(s): STEM.

### **EV-126. Environmental Chemistry II. 4.00 Credits.**

Laboratory/lecture course introducing the chemical principles underlying environmental issues. The class meetings and one four-hour laboratory weekly. Prerequisites: EV-125; Course Type(s): STEM.

### **EV-155. Politics of Climate Disruption. 3.00 Credits.**

This course will explore how environmental issues - such as climate change, resource extraction and energy use - are shaped by politics and political systems at the international, domestic and local levels. We will also examine the ways in which environmental issues have shaped politics - with concepts such as sustainable development and environmental justice - since the emergence of the environmental movement.

### **EV-200. Economics of Environmental Decisions. 3.00 Credits.**

Evaluate the economics impact and feasibility of environmental decisions on individuals, governments and industry. Prerequisites: EC-100 EV-100.

### **EV-232. China: Environmntl Chnge & Possibilities. 3.00 Credits.**

This course focuses on the social, political, economic and cultural variable that impact the Chinese environmental deterioration and these consequences for the world at large. Alternative models of environmental conservation are included. Prerequisites: SO-121 OR UR-151; Course Type(s): Pluralism.

### **EV-251. Geographic Information System. 3.00 Credits.**

This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). Basic GIS concepts, such as map characteristics and projections, spatial data models and analysis and relational databases will be covered. Hands-on experience with GIS software is provided. Students will be exposed to methods of processing both vector and raster data using GIS software. Prerequisites: EV-100.

### **EV-253. Environmental Art & Issues. 3.00 Credits.**

The course is designed to look at environmental issues through the interpretations of an artistic venue. We will explore how interdisciplinary environmental discussions within academic and activist communities can inform the artist and their work as well as society at large. The structure of the class will include research in topics such as eco-ethics, animal rights, environmental justice, ?green? consumerism, and eco-activism. The work created in the class, be it visual or written, will be presented to the college in a gallery space, website and/or through a public dialogue on campus for Saint Peter?s College students and the community at large. The course is geared toward a range of disciplines within and outside the arts inviting a wide range of students to take this course. Prerequisites: ONE SEQUENCE: PL-130 PL-140 OR 2 COURSES FROM TH: Course Type(s): Values.



**EV-270. Chemistry of Death Studies. 3.00 Credits.**

This is a survey course on death, death care, mortuary science, the history of death care, and death iconography from a chemical perspective. Students will apply topics relevant to chemistry, biochemistry, and physics to understand the process of death, decomposition, decay, and understand the chemical processes of the body before and after death. Students will also explore human interventions on death and body disposal (such as embalming and cremation) and the chemical processes involved. The environmental impact and chemistry of various body disposal methods as well as memorials (tombstones, grave markers) will be explored. Additionally, chemicals specific to the human corpse and decay process will be covered and remarkable case studies of corpse preservation will be covered. This course seeks to highlight the diversity of death processes across the world and provide understanding of many of these processes from a scientific point of view. Prerequisites: CH-131 & CH-132. GENERAL CHEMISTRY 1 & 2 ARE RECOMMENDED OR BEING A SECOND YEAR MAJOR OR HIGHER IN CHEMISTRY, BIOCHEMISTRY, BIOLOGY, ENVIRONMENTAL STUDIES, OR A SIMILAR MAJOR.

**EV-271. Concepts of Public Health. 3.00 Credits.**

Introduction to Public Health Issues - public health laws, policy cycle, demographics, and epidemiological concepts and applications.

**EV-295. Credited Internships. 3.00 Credits.**

Internship in environmental area. Course Type(s): Independent Study.

**EV-304. Ecological Ethics-Religious Environment. 3.00 Credits.**

Students will have the opportunity to study ecological ethics and environmentalism through an analysis of issues such as environmental justice, species preservation and ecological economics. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**EV-310. Ecology. 4.00 Credits.**

The usual definition of ecology - the relationship between organisms and their environment - is expanded to include the biological as well as the physical conditions under which an organism, population, or species lives to show that relationships involve the interactions between the biotic world and the physical world as well as between members of the same species and between different species. Additional course fee of \$100. Prerequisites: BI-183, BI-185, BI-184, BI-186, C OR BETTER IN BI-240; STUDENTS MUST HAVE 60 CREDITS. Course Type(s): Writing Intensive.

**EV-312. Biology of Global Change. 3.00 Credits.**

This course will investigate natural and anthropogenic global change and its impact on marine, fresh water, terrestrial and human dominated ecosystems. Prerequisites: C OR BETTER IN BI-184 FOR BIOLOGY MAJOR OR MINOR. Course Type(s): Pluralism, Mission Seminar.

**EV-313. Human Evolution Ecology and Adaptation. 3.00 Credits.**

This interdisciplinary course focuses on evolutionary adaptations of the human species to nature and ways it has adapted nature to serve its needs. These adaptations and their consequences for changes in human ways of life are central to this course. Prerequisites: BI-184 OR SO-121.

**EV-327. Environmental Politics and Policies. 3.00 Credits.**

This course explores the shifting political forces that determine environmental policies. Included is an examination of pressures, interest groups, and the media. Prerequisites: EV-100.

**EV-400. Sustainability: Plan for a Better Future. 3.00 Credits.**

Students will learn about the 17 United Nations Sustainable Development Goals or Global Goals which are designed to be a "shared blueprint for peace and prosperity for people and the planet, now and into the future". Students will design a project based on a deeper exploration of one (or more) sustainable goals of their choosing. Prerequisites: EV-100 OR BI-184 OR BI-172 AND COMPLETED 60 CREDITS; Course Type(s): Capstone, Oral Communications.

**EV-486. Seminar: Genocide. 3.00 Credits.**

After a thorough conceptualization of genocide, the course will examine case studies of modern genocide, ranging from the 20th and 21st centuries.

**EV-489. Globalization and Fieldwork Seminar. 3.00 Credits.**

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Course Type(s): International (Travel), Pluralism.

**EV-492. Environmental Studies Internship. 3.00 Credits.**

Planned and supervised off-campus working experiences with an environment profit or non-profit organization integrated with an independent academic study under the tutelage of the Director of Environmental Studies. Prerequisites are three EV classes. Course Type(s): Senior Seminar.

**EX Courses****EX-103. Prin & Found of Phys Education. 3.00 Credits.**

An examination of the historical and philosophical development of physical education from ancient times to the present. To acquaint the student with physical education as a profession. Course Type(s): Pluralism.

**EX-122. Nutrition in Health and Disease. 3.00 Credits.**

This course will explore a wealth of current information surrounding optimal nutrition and its association with disease prevention. Students will learn how to develop and implement a personal diet plan utilizing relevant nutritional recommendations and research for the enhancement of health and well-being.

**EX-220. Concepts of Human Health & Disease. 3.00 Credits.**

A survey of the mechanisms of disease, their expression in major organ systems, the factors that cause disruption of healthy body functions, leading to disease, and disease prevention. The goal is to use scientific reasoning to make informed decisions about matters related to human biology and health. Prerequisites: BI-171 AND BI-172 MINIMUM GRADE C.

**EX-255. Fitness and Wellness. 3.00 Credits.**

This course helps students adopt and maintain behavior associated with an active and healthy lifestyle. Through lecture and exercise, students will learn behavioral patterns consistent with current knowledge in fitness and wellness.

**EX-271. Concepts of Public Health. 3.00 Credits.**

Introduction to Public Health Issues - public health laws, policy cycle, demographics, and epidemiological concepts and applications.

**EX-295. Credited Internships. 3.00 Credits.****EX-310. Kinesiology. 3.00 Credits.**

Application of facts and principles of anatomy and mechanics to the study of human motion, including the systematic approach to the analysis of motor skill activities.

**EX-311. Biomechanics. 3.00 Credits.**

The study of the laws of mechanics as they relate to physical movement, skill development, and athletic performance. Special attention is paid to the muscular, joint, and skeletal actions of the body and how they may impact performance.

**EX-352. Exercise Physiology I. 3.00 Credits.**

A study of the physiological effects of movement on the human body and the relationship existing among muscular, respiratory, circulatory and nervous systems.

**EX-353. Exercise Physiology II. 3.00 Credits.**

The continued study of the physiological effects of movement on the human body and the relationships existing among muscular, respiratory, circulatory and nervous systems. Prerequisites: BI-172 Course Type(s): Capstone, Writing Intensive.

**EX-360. Sports Medicine. 3.00 Credits.**

To teach students the basis of being a certified athletic trainer and includes injury recognition, prevention, evaluation, treatment, rehabilitation and administration of athletic injuries.

**EX-410. Legal & Ethical Issues in Sports. 3.00 Credits.**

A hybrid values course that includes topics in policy development, labor movement in sports, collective bargaining in sports organizations, ethical dilemmas and implications. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**EX-498. Internship in HEPE. 3.00 Credits.**

Field work experience in the areas of Sports Management and/or Health and Physical Education. Course Type(s): Senior Seminar.

**EX-499. Internship. 3.00 Credits.**

Field work experience in the areas of Sports Management and/or Health & Physical Education. Course Type(s): Senior Seminar.

**FN Courses****FN-295. Credited Internships. 3.00 Credits.****FN-302. Elements of Econometrics. 3.00 Credits.**

The application and limitation of statistical techniques in testing economic and finance theories: simple and multiple regression analysis, time series and cross section analysis, problems encountered in regression such as multicollinearity and serial correlation. Prerequisites: EC-300.

**FN-401. Intro to Corporate Finance. 3.00 Credits.**

Provides the foundation for courses in finance. Topics include: Agency relationship Financial statement analysis Discounted cash flow and securities valuation Concepts of risk and return and the capital asset pricing model Financialization. Cannot be taken by anyone who has taken FN 410. Prerequisites: THE FOLLOWING: EC-101 AND EC-102, MA-105 OR MA-123 AND MA-106 OR MA-124.

**FN-410. Business Finance. 3.00 Credits.**

Provides the analytical foundation for applied courses in finance, investments, and financial institutions. Topics include: discounted cash flow analysis theory of valuation for corporate securities concepts of risk and rate of return the capital asset pricing model financial forecasting working capital policy. Prerequisites: AC-331 AC-332.

**FN-411. Financial Management. 3.00 Credits.**

Builds on the conceptual framework developed in FN-401 or FN-410. Topics include: capital budgeting cost of capital, leverage and dividend policy long-term financing decisions involving common stock financing, long-term debt, and corporate restructuring. Prerequisites: FN-401 OR FN-410.

**FN-412. Investment Analysis. 3.00 Credits.**

Survey of the operations of securities markets the analytical methods and theory underlying the appraisal of corporate stocks and bonds and portfolio selection. Prerequisites: FN-401 OR FN-410.

**FN-415. International Finance. 3.00 Credits.**

Analysis of foreign exchange and foreign exchange markets, balance of payment, disequilibrium and adjustment, exchange risk management and investment decisions. Prerequisites: EC-101 EC-102.

**FN-416. Ethics in Financial Professions. 3.00 Credits.**

This course allows students to study systematically situations in finance professions that present ethical issues, focusing on the application of ethical principles to possible conflicts between parties in occupations in which finance professionals work. This course enables students to investigate issues of value in a reasoned and coherent manner in economics and finance. As such, it fulfills the core curriculum requirement for a values course. Prerequisites: EC-101 AND EC-102; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Mission Seminar.

**FN-417. Financial Statement Analysis. 3.00 Credits.**

Covers the application of analytical tools to general purpose finance statements necessary to evaluate the financial condition of the firm and evaluate the future prospects of the company. The "analyst" can be any of several interested groups: investors, creditors, or other stakeholders such as employees, customers, suppliers and government. Prerequisites: FN-401, AC-151 AND AC-152 RECOMMENDED OR FN-410.

**FN-420. Money Credit and Banking. 3.00 Credits.**

Analysis of money and banking system. The impact of deregulation and the changing nature of the financial system in a domestic and international setting. The structure and role of the Federal Reserve system. Keynesian, monetarist and rational expectations views on money and economic activity. Prerequisites: EC-101 EC-102.

**FN-490. Current Problems in Finance & Economics. 3.00 Credits.**

This course examines recent developments in financial markets and practices, such as the growth of private equity and prevalence of stock buybacks. Special attention is paid to the economic consequences of these developments, with effect of finance on industry the main concern. Prerequisites: EC-101 AND EC-102.

**FN-493. Seminar: Macroeconomic Policy. 3.00 Credits.**

Case-study approach to U.S. financial and macroeconomic problems and policies, especially issues in monetary policy, and their international repercussions. The interplay of political institutions and market forces in the shaping of policies toward financial markets and institutions. Prerequisites: EC-101 AND EC-102.

**FR Courses****FR-113. Elementary French I. 3.00 Credits.**

An introduction to the pronunciation and basic grammatical principles of French. Only for students with no previous French. Course Type(s): Arts/Language, Addl Humanities.

**FR-114. Elementary French II. 3.00 Credits.**

An introduction to the pronunciation and basic grammatical principles of French. Only for students with no previous French. Prerequisites: FR-113 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

**FR-133. Intermediate French I. 3.00 Credits.**

Presentation of advanced grammar and vocabulary for improved listening, speaking, reading comprehension, and writing. Practical use of French through dictation, oral and written exercises, sight-reading, and guided conversation. Prerequisites: FR-114 OR 1-2 YEARS HIGH SCHOOL FRENCH; Course Type(s): Arts/Language, Addl Humanities.

**FR-134. Intermediate French II. 3.00 Credits.**

Presentation of advanced grammar and vocabulary for improved listening, speaking, reading comprehension, and writing. Practical use of French through dictation, oral and written exercises, sight-reading, and guided conversation. Prerequisites: FR-133 OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Addl Humanities.

**FR-141. Adv Composition & Conversatn I. 3.00 Credits.**

Refinement of composition skills nuances of grammatical usage vocabulary building intensive practice in French conversation. Prerequisites: FR-134 OR 1-2 YEARS HIGH SCHOOL FRENCH OR INSTRUCTOR APPROVAL.

**FR-142. Adv Composition & Conversatn II. 3.00 Credits.**

Refinement of composition skills nuances of grammatical usage vocabulary building intensive practice in French conversation. Prerequisites: FR-141.

**FR-243. Survey of French Literature I. 3.00 Credits.**

Study of the growth of French literature from the Middle Ages to the Renaissance. Prerequisites: FR-134 OR 3-4 YEARS H.S. FRENCH OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Addl Humanities.

**FR-244. Survey of French Literature II. 3.00 Credits.**

Study of the growth of French literature from the enlightenment to the present. Prerequisites: FR-243 OR 3-4 YEARS H.S. FRENCH OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Addl Humanities.

**FR-247. Introduction to French Culture. 3.00 Credits.**

Study of the development of French culture in history, literature, language, art, music, and customs. Prerequisites: 2 YEARS OF HS FRENCH OR FR-114 OR INSTRUCTOR APPROVAL.

**FR-248. French Conversation I. 3.00 Credits.**

Daily practice in speaking French with special attention given to pronunciation, vocabulary development, and review of essential grammatical points. Prerequisites: FR-134 OR 1-2 YEARS OF HIGH SCHOOL FRENCH.

**FR-249. French Conversation II. 3.00 Credits.**

Daily practice in speaking French with special attention given to pronunciation, vocabulary development, and review of essential grammatical points. Prerequisites: FR-248.

**FR-252. French Masterpieces I. 3.00 Credits.**

Detailed study of various masterpieces of French literature that have helped to define French culture nationally and internationally. Prerequisites: FR-134 OR 3-4 YRS H.S. FRENCH OR INSTRUCTOR PERMISSION.

**FR-253. French Masterpieces II. 3.00 Credits.**

Detailed study of various masterpieces of French literature that have helped to define French culture nationally and internationally. Prerequisites: FR-134, 3-4 YEARS OF H.S. FRENCH, OR INSTRUCTOR PERMISSION.

**FR-270. Contemp. Francophone Culture. 3.00 Credits.**

Improvement of basic language skills in French through the study of contemporary Francophone music and film. Prerequisites: FR-134 OR INSTRUCTOR APPROVAL.

**FR-325. Marco Polo & the Silk Road. 3.00 Credits.**

Exploration, through literature, art, film, and music, of Marco Polo's adventures along the Silk Road as he winds his way through Asia. This course may be taken EITHER for Core Modern Language OR for Pluralism, but NOT FOR BOTH. Course Type(s): Pluralism.

**FR-360. History and Culture of the Philippines. 3.00 Credits.**

A survey of Filipino history from its origins to the present and examination of its culture, as expressed through its customs, art, music, film, and food. Course Type(s): Pluralism.

**FR-365. Literature of Haiti I. 3.00 Credits.**

Study of Haitian literature from its origins to the early 20th century. Prerequisites: 3 YEARS HS FRENCH OR FR-134 OR INSTRUCTOR APPROVAL.

**FR-399. Independent Study. 3.00 Credits.**

Topics: To be determined by the Chairperson and the Instructor. Course Type(s): Independent Study.

## FY Courses

**FY-100. Cannoli Tostones Jesuits and You. 3.00 Credits.**

While feeding ourselves with international foods we will also feed our minds and spirits with international Jesuit values and practices to make our world better. Course Type(s): Core curriculum course.

**FY-101. Latin America and the Jesuit Tradition. 3.00 Credits.**

Study of the thought, actions, and significance of the Jesuits in Latin American history, tradition, life, and culture. Course Type(s): Core curriculum course.

**FY-102. Walking the Walk: Justice in the System. 3.00 Credits.**

Study of how to accompany others in the criminal justice system by injecting personalized attention in the Jesuit spirit of caring for all people. Course Type(s): Core curriculum course.

**FY-103. Media Literacy and the Jesuit Tradition. 3.00 Credits.**

Study of how to approach the form and content of media critically and ethically in the light of Ignatian ideals and practices. Course Type(s): Core curriculum course.

**FY-104. Ignatian Wisdom & the Bhagavad Gita. 3.00 Credits.**

Exploration of the meaning and preciousness of life through the life and writings of St. Ignatius Loyola and the story of Arjuna in the Bhagavad Gita. Course Type(s): Core curriculum course.

**FY-105. Social Justice & Jesuit Education. 3.00 Credits.**

Study of the significance of Social Justice in Jesuit thought, education, and practice. Course Type(s): Core curriculum course.

**FY-106. Math & Social Media. 3.00 Credits.**

This course will explore the nature of a Jesuit education and use mathematics to examine ethical issues related to current trends in social media. Course Type(s): Core curriculum course.

**FY-107. Creative Writing & Jesuits. 3.00 Credits.**

Honing one's creative-writing skills through a study of Jesuit spirituality, educational principles, and values, and reflecting on their significance in the life of the writer. Course Type(s): Core curriculum course.

**FY-108. History Ignatian Style. 3.00 Credits.**

Writing personal history within the framework of Ignatian pedagogy, positioning ourselves amongst issues of social justice and activism and "living through history" Course Type(s): Core curriculum course.

## GM Courses

**GM-113. Elementary German I. 3.00 Credits.**

An introduction to the pronunciation and basic grammatical principles of German. Only for students with no previous German. Course Type(s): Arts/Language, Addl Humanities.

**GM-114. Elementary German II. 3.00 Credits.**

An introduction to the pronunciation and basic grammatical principles of German. Only for students with no previous German. Prerequisites: GM-113; Course Type(s): Arts/Language, Addl Humanities.



## GRAD Courses

### **GRAD-000. Graduate Placeholder. 6.00 Credits.**

A generic course number holding 6 credits used for graduate billing.

## GS Courses

### **GS-136. Intro Lesbian Gay Bisexual Transgendered. 3.00 Credits.**

This course will offer students an introduction to lesbian, gay, bisexual and transgendered studies. Along with a focus on the history of this topic as a social movement, the course examines the topic from community, social justice and lifestyle perspectives.

### **GS-137. Nonviolence Community Org. Social Move. 3.00 Credits.**

A study of violence and human nature the theory and practice of nonviolence, how conflicts - local and global - can be solved nonviolently and the lives of past and current peacemakers, including Gandhi, Martin Luther King, Dorothy Day and many others.

### **GS-140. Introduction to Women's Studies. 3.00 Credits.**

This interdisciplinary course introduces students to women's studies, including its roots in the feminist and civil rights movements and the construction of gender in culture and society, giving specific attention to forms of gender inequality in the family, workplace, religion, healthcare, and relationships. Course Type(s): Pluralism.

### **GS-216. Gender Sexuality & Religion. 3.00 Credits.**

Religion is known to have devoted considerable energy to regulate sexual norms and gender roles. This course seeks to help students to understand the social construction of religion, gender and sexuality. It will analyze and examine how different religions view gender and sexuality and how religion construct, reconstruct, and deconstruct gender norms and sexuality. Prerequisites: SO-121.

### **GS-223. Latin Amer Today: People Culture Issue. 3.00 Credits.**

This course provides an overview of the diverse societies of Latin America from a social science perspective. We will explore everyday life and experiences as they relate to culture and diversity, race, ethnicity and gender, politics and the economy, migration and urbanization, social justice and pop culture.

### **GS-230. Black American Politics. 3.00 Credits.**

This course will examine the political behavior of African Americans in the United States. Students will examine the relationship between African Americans and the American political system in order to gain a broader perspective of the American political process. Issues of leadership, representation and empowerment strategies will be addressed. We will consider various forms of participation as we attempt to assess Black political empowerment. We will consider the behavior of Blacks within political institutional settings and at various levels of government. We will also discuss issues such as Black political thought (conservatism, liberalism, and nationalism) and contemporary issues in African American politics.

### **GS-253. Social Deviance. 3.00 Credits.**

Explores the concepts of social norms, egocentricity, and ethnocentricity. Examines the relativity of deviance including criminal behavior, human sexuality, drug use, suicide, and other alternative forms of behavior.

### **GS-256. Sociology of Sports. 3.00 Credits.**

This course uses both readings and films to explore the impact of economic and political forces and changing constructions of gender and social values on organized athletics at the professional and amateur levels. Prerequisites: ONE SEQUENCE: PL-130 PL-140 OR 2 COURSES FROM TH: SO-121.

### **GS-273. Global Feminisms. 3.00 Credits.**

This interdisciplinary course explores global issues and debates regarding significant issues affecting women's lives and opportunities for equality. Prerequisites: WS-140; Course Type(s): Pluralism.

### **GS-275. Indigenous Civilizations: Olmecs to Inka. 3.00 Credits.**

This course will examine the cultures, including their rises and falls, of a number of pre-Columbian cultures from archeological and cultural anthropological perspectives. Inca, Mayan, Aztec, and Others. Prerequisites: SO-121. Prerequisites: SO-121; Course Type(s): Pluralism.

**GS-276. Comparative Social Movements. 3.00 Credits.**

From Hong Kong to Chile, Wall Street to Plaza de Mayo, the last few years have demonstrated that the politics of protest and collective mobilization play an ever more relevant part in the contemporary dynamics of political resistance and social change. Through the comparative study of social movements around the globe, this course provides an overview of theoretical approaches and transdisciplinary insights into the study of collective action. Class discussions will go beyond stigmatized connections between social action and social unrest to explore topics such as performance and everyday resistance strategies, power and identity relations and other factors that allow for a critical perspective on the field.

**GS-285. Gender & Communication. 3.00 Credits.**

This course is an introduction to the field of study of communications and gender. The objective is the explanation, observation, discussion and understanding of gender and how it affects communication at the personal, group, organization and societal levels and how gender is portrayed in our culture through digital technology and the mass media. Course Type(s): Pluralism.

**GS-297. Fat Feminism and Comparative Politics. 3.00 Credits.**

A look at the American diet industry and medical institutions as they relate to the intersection of fat-phobia as anti blackness. A connection to how modern feminism has shaped the body positivity movement and the evolution of fat politics.

**GS-308. Women and American Politics. 3.00 Credits.**

This course will analyze the participation of women in American political life; examine women's public roles and the effects of feminism in altering women's public roles in both historical and contemporary contexts; delve into women's participation in electoral politics; understand women's behavior and influence as public officials; and analyze the intersection of gender with other categories such as race/ethnicity and political party. We'll study the historic 2020 presidential election, the gender gap, and attitudes towards Vice President nominee Kamala Harris and other presidential/vice presidential candidates. This course is designed to introduce students to the study of gender and U.S. politics including the central questions, concepts, and debates in the field.

**GS-309. Women in Changing Urban World. 3.00 Credits.**

Historical and contemporary examination of urban revolution as social basis for changing roles of women. Generation of conflicts and possibilities. Implications for society. Prerequisites: UR-151 OR SO-121.

**GS-310. Feminist Political Theory. 3.00 Credits.**

Historical overview of feminist political activity in the United States and an analysis of feminist theory: liberal feminism, Marxist feminism, radical feminism, and post-modern feminism. Course Type(s): Pluralism.

**GS-311. Philosophy and Bob Dylan. 3.00 Credits.**

An investigation of the philosophical, ethical and cultural themes in Bob Dylan's lyrics. Philosophical ideas such as appearance versus reality, truth and knowledge, and good and evil will be explored through a comprehensive study of Dylan's music. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**GS-316. Hip Hop and US Political Life. 3.00 Credits.**

An examination and discussion of Hip Hop's political origins and how the musical genre provides insight into the social and political climate of America.

**GS-319. Politics and Pandemics. 3.00 Credits.**

The COVID-19 pandemic sparked intense discussion about the political and economic factors and responses that have shaped this most recent iteration of a world pandemic. This course considers the political, economic, and climate change realities that have ushered forth the COVID-19 pandemic, as well as previous world vital catastrophes. Also, it looks at what these epidemics reveal about the injustices that permeate societies, and why marginalized communities, such as immigrants, communities of color, the elderly, and the economically impoverished disproportionately bear the brunt of the pandemic's brutal effects. Finally, and in the words of Arundhati Roy, how might we walk through the portal of the pandemic in a liberated way?.

**GS-322. Socialism and Social Movements; Socialism and Social Movements. 3.00 Credits.**

This course introduces the student to the "ABC's" of socialism, its thought and practice, and its various iterations. The class considers why more people see socialism as an alternative to capitalism and study the social movements that have striven to bring life to its theory and practice. The class also emphasizes practices of democracy, justice, diversity, and Green Socialism.

**GS-326. The Anthropology of Gender. 3.00 Credits.**

This course is a cross cultural, comparative and historical examination of the different constructions of gender (masculinity and feminism) and how gender has shaped the perspectives, methods and subject matter of anthropology's four fields. Prerequisites: SO-140 OR WS-140 Course Type(s): Pluralism.

**GS-333. Gender Crime and Justice. 3.00 Credits.**

An in-depth survey of changing social values about gender, changing criminal codes about sex crimes, changing law enforcement policies and procedures in prosecuting sex offenders, and emerging legal doctrines about privacy and sexual rights. Prerequisites: CJ-170 OR CJ-390 OR SO-121 OR WS-140.

**GS-335. Veils to Vestments Women Ancient Rel. 3.00 Credits.**

Veils to Vestments: Women's Leadership in Ancient Religion explores the religious roles and offices taken by women in antiquity using evidence from the Bible and Greco-Roman world. Methodologies for uncovering this evidence and reconstructing women's history will be evaluated. We also consider its implications and applications for the twenty-first century. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Writing Intensive, Pluralism, Mission Seminar.

**GS-337. Non-Western Perspective to Int Relations. 3.00 Credits.**

This course will introduce the study of International Relations (IR) from post-colonial and decolonial perspectives. Course readings and discussions will examine biases and limitations of mainstream western-oriented perspectives on the field. While recognizing the varied scope of post-colonial and decolonial literature, course materials will explore "subaltern" frames of reference that cut across North-South divides, debate racialized and genderized assumptions about nationality and culture, and promote "counter-hegemonic" reflection on prevailing concepts, norms and institutions in IR.

**GS-340. Feminist Philosophy. 3.00 Credits.**

This class will investigate trends in feminist philosophy, with close attention given to the influence of gender considerations on philosophical theory. Topics for discussion include feminist epistemology and political theory, and patriarchy. This class is a Values course. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism.

**GS-342. Philosophy of Race and Gender. 3.00 Credits.**

A study of the philosophical theories pertaining to race and gender. Prerequisites: PL-130 OR PL-140.

**GS-345. Sociology of Intimacy. 3.00 Credits.**

This course will explore sexual scripts the social control of marrying negotiating and bargaining marriage roles the dynamics of family interaction conflict and divorce. Prerequisites: SO-121 OR UR-151.

**GS-350. Human Sexuality in Health Education. 3.00 Credits.**

An overview of human sexuality and behavior with special emphasis on health education.

**GS-351. Latina/O/X Communities. 3.00 Credits.**

An in-depth examination of the social, cultural, economic, historical, and political contexts shaping the experiences of long-established and recent immigrant Latino/a/x and Latin American groups in the United States. The course will examine the formation of communities in different geographical regions, as well as by national, socio-cultural, ethnic, and political affinities. Prerequisites: SO-121 OR UR-151 OR LS-101; Course Type(s): Pluralism.

**GS-360. LGBTQ Drama. 3.00 Credits.**

This Group 4 course will focus on 20th and 21st Century American drama that deals with the subject of Gay, Lesbian, Bisexual, Transgender and Queer life. Members of the community wrote some pieces others use an LGBTQ character in a unique manner. All of the pieces contend with the history of this minority group in a historical context each piece seeks to decipher the place of minority (and often multi-minority) cultures in America. Prerequisites: EL-123.

**GS-368. Health & Inequalities:RaceClass&Gender. 3.00 Credits.**

This course critically examines the relationship between health status and social inequalities along the lines of race and ethnicity, social class and gender from a sociological perspective concentrating on how low socioeconomic status leads to poor health, how racial/gender bias affects medical care and health outcomes, and addresses ideas for reducing health disparities. Prerequisites: SO-121; Course Type(s): Pluralism.

**GS-370. Urban Anthropology. 3.00 Credits.**

An exploration of the emergence of urban culture in its present form from its neolithic roots. Emphasis on urban life in the New Jersey area, with reference to the peoples and cultures in urban environments world-wide. Prerequisites: SO-121 OR UR-151; Course Type(s): Writing Intensive.

**GS-380. Spatial Justice Cities and Resistance. 3.00 Credits.**

Spatial Justice is an invitation to discuss social justice by looking at places and spaces around us. How much does the design of our cities reflect and offer insights into social and economic inequalities? How do city spaces influence embodied aspects of our daily lives? How can structured or spontaneous acts of spatial resistance impact broader social dynamics? Through the comparative study of urban social dynamics around the world, this course will discuss the contradictory ways in which spaces are socially constructed, consider different urban experiences in relation to race, gender, class, and sexual orientation, investigate spacial resistance dynamics, and explore how those can be applied to the promotion of more just and inclusive social & spatial realities.

**GS-384. Cultural Anthropology. 3.00 Credits.**

An analysis of the development of anthropology as an offshoot from Sociology; an examination of the differences in the methodology of anthropology and Sociology in the study of a variety of cultures. Prerequisites: SO-121 OR UR-151; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Writing Intensive, Pluralism.

**GS-406. Ancient Gender and Sexuality. 3.00 Credits.**

In this course, we will explore the diverse topic of gender and sexuality in the ancient world. We will examine a variety of ancient primary sources, both written and material/archaeological, that can provide us evidence for ancient thinking, expression, and lived experience of sexuality and gender. We will also consider ancient modes of philosophy, expression, and experience of sexuality and gender alongside modern perspectives on these topics, as they flow and evolve throughout human history and culture. Course Type(s): Pluralism.

**GS-419. Secret Lives of Ancient Women. 3.00 Credits.**

A deep dive into the domestic life, religious identity, works, texts, and visual representations of ancient women.

**GS-428. Literature/Culture/Soc Issues/W Africa. 3.00 Credits.**

A study of seminal texts representing the Malinke, Igbo, Ghanaian, Wolof, Bambara, and Senegalese peoples of West Africa. Prerequisites: ONE SEQUENCE: PL-130 PL-140 OR 2 COURSES FROM TH: Course Type(s): Values.

**GS-481. Immigration: Walls Or Welcome?. 3.00 Credits.**

This course focuses on past and present immigration policies in the U.S. as well as immigration activism. Course Type(s): Pluralism.

**GS-486. Seminar: Genocide. 3.00 Credits.**

After a thorough conceptualization of genocide, the course will examine case studies of modern genocide, ranging from the 20th and 21st centuries.

**GS-490. Urban Field Work. 3.00 Credits.**

Introductory level of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required.

**GS-491. Advanced Urban Field Work. 3.00 Credits.**

Advanced level of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required.

**GS-492. Urban Internship. 3.00 Credits.**

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required.

**GS-493. Advanced Urban Internship. 3.00 Credits.**

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required.

**GS-495. Internshp in Intern'l Settings. 3.00 Credits.**

Planned and supervised off-campus working experiences overseas or with international organizations integrated with independent academic study under the tutelage of the Director of International and Intercultural Studies.

## HE Courses

**HE-122. Nutrition in Health and Disease. 3.00 Credits.**

This course will explore a wealth of current information surrounding optimal nutrition and its association with disease prevention. Students will learn how to develop and implement a personal diet plan utilizing relevant nutritional recommendations and research for the enhancement of health and well-being.

**HE-150. Physiology of Exercise and Healthy Aging. 3.00 Credits.**

The investigation of the physiological age-related changes that occur in the later stages of life with a special emphasis on the necessary adaptations to exercise and nutrition.

**HE-200. Compl Thrpy Health Wellness Cognition. 3.00 Credits.**

The course will cover the depth and breadth of research-supported information on optimizing health, well-being, cognition and quality of life through complementary therapies. We will cover the implementation of these complementary therapies in the business environment, education environment, mental health environment, and through the exercise science platform. Some of the modalities covered and practiced in this course include meditation, yoga, Tai Chi, mindfulness based stress reduction, stress management coping strategies, and age-related coping strategies for a lifetime.

**HE-271. Concepts of Public Health. 3.00 Credits.**

Introduction to Public Health Issues - public health laws, policy cycle, demographics, and epidemiological concepts and applications.

**HE-295. Credited Internships. 3.00 Credits.**

Co-operative education experience. Course Type(s): Independent Study.

**HE-301. Technology in Health and Fitness. 3.00 Credits.**

This class is a comprehensive introduction to technology in the physical education classroom, and health and fitness and sport-oriented facilities. It explores developmentally appropriate usage of educational technology in the home, school, and workplace as it relates to the development and maintenance of optimal health and fitness. Emphasis is on computer and Internet technologies. The course includes hands-on computer techniques, critical analysis of National Technology Standards, practical experience with curriculum design, and technology-driven exercise prescription.

**HE-350. Human Sexuality in Health Education. 3.00 Credits.**

An overview of human sexuality and behavior with special emphasis on health education.

**HE-486. Current Issues in Health Education. 3.00 Credits.**

To study relevant current health issues such as obesity, unhealthy dietary problems, apnea, tobacco use, alcohol, drugs, heart disease and cancer.

**HE-498. Internship in HEPE. 3.00 Credits.**

Field work experience in the areas of Sports Management and/or Health and Physical Education. Course Type(s): Senior Seminar.

**HE-499. Internship. 3.00 Credits.**

Field work experience in the areas of Sports Management and/or Health & Physical Education. Course Type(s): Senior Seminar.

**HL Courses****HL-180. Foundations of Health Science. 3.00 Credits.**

An introductory course to the health sciences, will explore the perspectives of diverse but interrelated health professions of public health, individual health, and healthcare delivery. The course will address health maintenance, employability skills, teamwork, and safety practices to ensure effective patient-centered outcomes between healthcare professionals, patients and caregivers. Students will learn the technical skills for measuring and recording vital signs, including CPR and OSHA certification. Prerequisites: BI-171 MINIMUM GRADE C.

**HL-200. Compl Thrpy Health Wellness Cognition. 3.00 Credits.**

The course will cover the depth and breadth of research-supported information on optimizing health, well-being, cognition and quality of life through complementary therapies. We will cover the implementation of these complementary therapies in the business environment, education environment, mental health environment, and through the exercise science platform. Some of the modalities covered and practiced in this course include meditation, yoga, Tai Chi, mindfulness based stress reduction, stress management coping strategies, and age-related coping strategies for a lifetime.

**HL-220. Concepts of Human Health & Disease. 3.00 Credits.**

A survey of the mechanisms of disease, their expression in major organ systems, the factors that cause disruption of healthy body functions, leading to disease, and disease prevention. The goal is to use scientific reasoning to make informed decisions about matters related to human biology and health. Prerequisites: BI-171 AND BI-172 MINIMUM GRADE C.



**HL-295. Credited Internships. 3.00 Credits.****HL-320. Healthcare Leadership & Communication. 3.00 Credits.**

An introduction to healthcare management, including concepts, theories, and applications of strategic leadership and management practices for increasing the effectiveness of healthcare organizations and overall patient outcomes. Focus also on communication skills to deliver health information to a wide range of audiences such as patients, families, caregivers, healthcare providers, and communities, through interpersonal and organizational channels. Prerequisites: HM-210 MINIMUM GRADE C.

**HL-485. Curr. Iss. & Trends: Interprof Hlth. Sci. 4.00 Credits.**

Research based Capstone course for the health science major; Students will analyze and evaluate professional/scientific literature and materials regarding public health challenges to support decision making related to healthcare issues from various viewpoints and strategies. Includes a community service project. Prerequisites: HL-320; MINIMUM GRADE C; Course Type(s): Capstone, Writing Intensive.

**HL-495. Internship: Community Health. 3.00 Credits.**

Provides students field work emphasizing synthesis of factors affecting healthcare and access to healthcare with community health. Prerequisites: HL-180.

**HM Courses****HM-152. Intro to Electronic Medical Records. 3.00 Credits.**

This course prepares students for on-the-job use of Practice Management and Electronic Medical Record software. The security, completeness and accuracy of patient data are critical. The students will have the availability to sit for Electronic Health Records Specialist Certification (CEHRS) exam.

**HM-210. Health Care Issues and Organization. 3.00 Credits.**

An introduction to current health care issues including telemedicine as well as political and pluralistic factors impacting healthcare are explored. Overview of types of healthcare systems and organizations including non-profit and proprietary institutions is addressed.

**HM-225. Intro to Health Info Mgmt. 3.00 Credits.**

A study of recordkeeping practices in the hospital and physician's office. Emphasis is placed on hospital and medical staff organization, patient record content, procedures in filing, numbering and retention of patient records, quantitative analysis, release of patient information, forms control and design, indexes and registers, reimbursement, regulatory and accrediting agencies, and alternate health care delivery systems.

**HM-235. Medical Billing and Coding. 3.00 Credits.**

This industry aligned course covers services and procedure codes according to current CPT/HCPCS coding nomenclature, regulation and compliance, health record documentation, coding and reporting. The course content also aligns with industry certification and the NHA exam for Medical Billing & Coding.

**HM-271. Concepts of Public Health. 3.00 Credits.**

Introduction to Public Health Issues - public health laws, policy cycle, demographics, and epidemiological concepts and applications.

**HM-287. Health Informatics. 3.00 Credits.**

This course focuses on how health information pros use data and statistics to understand and improve health care delivery in clinical settings. Chapters address basic math and statistics, vital statistics and mortality rates, census and occupancy rates, and other key topics required for CAHIIM competency and certification. Prerequisites: MA-106 OR MA-212.

**HM-310. Budgeting & Financing in HC Industry. 3.00 Credits.**

Strategic planning, system integration, budgeting and financing, reimbursement systems, managed care, supply chain management and coding are explained. Prerequisites: HM-210.

**HM-380. Legal & Ethical Aspects of HC Mgmt. 3.00 Credits.**

Exploration of the legal and ethical aspects of healthcare. Ethical decision making and its application to health care issues is stressed. Concepts including healthcare regulatory bodies/accreditation, privacy, medical information management, access to care, contracts as well as malpractice and insurance liability are addressed. Prerequisites: HM-210; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**HM-480. Advanced Concepts in HC Mgmt & Mrktg. 3.00 Credits.**

Application of marketing concepts for the healthcare industry, quality control indicators, health system/physician relationships, integrative healthcare, and recruitment and appraisal issues in healthcare organizations are examined. Prerequisites: HM-210 HM-310.

**HP Courses****HP-390. Honors Thesis: Methods of Research. 1.00 Credit.**

The Honors Thesis: Methods of Research course prepares the student for undertaking the senior thesis project. This course is to be taken in the second semester of the student's junior year. During this part of the project the student will formulate a thesis proposal and engage in research under the direction of a faculty mentor. Both Hp390 and then Hp492 are intended to facilitate the student's timely completion of the thesis project. Course Type(s): Honors.

**HP-492. Honors Thesis: Independent Study. 3.00 Credits.**

An intensive original research project under the direction of an academic mentor and culminating in a formal paper. The written thesis must be completed no later than the Fall semester of Senior year. The project is to be followed by an oral defense in the Spring semester. Both Hp390 and Hp492 are intended to facilitate the student's timely completion of the thesis project. Hp492 and its oral defense is required of all students who wish to graduate in the Honors Program. Course Type(s): Honors , Writing Intensive, Independent Study.

**HS Courses****HS-121. The Western Tradition. 3.00 Credits.**

An examination of the origins of early modern history with a special focus on Western civilization. Course Type(s): Addl Humanities.

**HS-124. History of Ancient Science. 3.00 Credits.**

This course explores both the theory and practice of the sciences of the ancient western world, and how they developed into today's sciences. Course Type(s): Arts/Language, Addl Humanities.

**HS-125. Pagans Christians and the Roman Empire. 3.00 Credits.**

This course explores the history of the early Christian church in the context of the Roman Empire. Course Type(s): Arts/Language, Addl Humanities, Oral Communications.

**HS-200. World Perspectives. 3.00 Credits.**

A chronological continuation of HS-121 with a greater emphasis on global developments. Course Type(s): Arts/Language, Addl Humanities.

**HS-201. History of National Liberation Movements. 3.00 Credits.**

Students in this course will examine the history of liberation movements from the Age of Revolutions in the 18th century, to the anti-colonialist movements in Africa, Asia, and the Americas. Students will explore the ways in which historical actors used Enlightenment ideals to inform the politics of liberation, and chart the successes, failures and unresolved consequences of those movements. Course Type(s): Arts/Language, Addl Humanities.

**HS-202. The Enlightenment and Human Rights. 3.00 Credits.**

The class will explore the Enlightenment Era and its making of the modern world (for good and bad): rights, secularism, individualism, and the belief in human progress. Course Type(s): Arts/Language, Addl Humanities.

**HS-203. The History of Migrants and Refugees. 3.00 Credits.**

This course explores how migration has shaped the modern world. It pays close attention to the experiences of migrants and refugees and the historical dynamics that put people on the move. Course Type(s): Addl Humanities, Mission Seminar.

**HS-204. Found of Lies Race-Racism in Modern Hist. 3.00 Credits.**

Racial thinking is a fundamental and dynamic aspect of modernity. While it has no biological basis, race remains a central mode of knowing and shaping the world; privileging the West and Global North, while underdeveloping the East and the Global South. Racial ideas, emerging during the Enlightenment, underlie religious practice, scientific thought, nationalism, and political economy. This course will examine the history of race, the evolution of racial ideas, and the trajectories of institutional racism. Students will also trace antiracist movements and the ways in which women and men affirmed their humanity and contested White Supremacy in its myriad forms including chattel slavery, colonialism, Antisemitism, and racial apartheid. Course Type(s): Addl Humanities.

**HS-205. Migration in Modern History. 3.00 Credits.**

This course traces various migrations in different parts of the world from the 17th to the 20th centuries. It studies the causes and effects of these migrations, with particular focus on the experience of the migrants. Course Type(s): Addl Humanities.

**HS-206. World War II and the Holocaust. 3.00 Credits.**

This course studies the rise of imperialism, nationalism, fascism, socialism and communism that led to World War II. It examines how and why the war and Holocaust developed the way that they did. It also explores the human impact of the war and Holocaust as well as their lasting legacies. Course Type(s): Core curriculum course.

**HS-290. History for Educators. 3.00 Credits.**

This course is designed for students in the School of Education who will be taking the NJ teacher exams. The course introduces students to the key topics in modern global history. Students also work on classroom design and delivery for historical topics that are covered in the course. Course Type(s): Arts/Language, Addl Humanities.

**HS-295. Credited Internships. 3.00 Credits.****HS-298. History Travel Course. 3.00 Credits.**

This travel course will begin by preparing students to be both informed, ethical, and responsible world travelers as well as able to actively participate in a trip in learning and teaching about history, culture, religion, literature, and art of different countries. Additional travel course fee of \$50. Course Type(s): International (Travel).

**HS-300. History of Ancient Civilizations. 3.00 Credits.**

This course traces the rise of ancient civilizations from their earliest roots to the early modern era. It places these civilizations in their global contexts and uses archeology, anthropology, and other methods to compare and study them.

**HS-301. Introduction to Archeology. 3.00 Credits.**

This course provides an introduction to archeology with its important interdisciplinary perspectives including History, Physical Anthropology, Environmental Studies and Cultural Anthropology.

**HS-303. Medieval World 1100-1500 AD. 3.00 Credits.**

The rise and decline of feudal society - a political, economic and cultural history. Pre- modern World History.

**HS-305. Historical Origins of English. 3.00 Credits.**

In this course, students will learn about the historical development of the English language- how a Germanic language once known as Anglo-Saxon became forever transformed during the Middle Ages by an encounter with French, a Romance language with deep Latin and Greek roots. The basis of this course will be etymology, an exploration of the "true sense" (from Greek etymon, meaning "truth") of English words from all fields of study. Students will leave the course with their understanding of the intersection of history, language, and linguistics greatly expanded.

**HS-320. History of Twentieth Century Europe. 3.00 Credits.**

Europe in the twentieth century was supposed to represent progress and the height of civilization. Two world wars, communism and the Holocaust suggested otherwise. This course explores the sharp contrasts between their ideas of Europe.

**HS-322. Rise & Fall of British Empire. 3.00 Credits.**

Development and disintegration of British naval and colonial power from the pirates of Elizabeth I to the pilots of Elizabeth II. Modern Western History.

**HS-323. History of Russia 1613-1917. 3.00 Credits.**

Political, social, and cultural history of Russia from the Time of Troubles to the Bolshevik Revolution. Modern Western History.

**HS-324. History of Soviet Union. 3.00 Credits.**

Internal change and development of Russia in the Soviet period.

**HS-339. History of Germany 1815-1945. 3.00 Credits.**

A survey of German history from the Napoleonic Era to the collapse of the Nazi regime. Modern Western History. Course Type(s): Writing Intensive.

**HS-341. American Main Currents I. 3.00 Credits.**

The formation of the American Republic from colonial times to the present.

**HS-342. Main Currents in American History II. 3.00 Credits.**

The formation of the American Republic from colonial times to the present.

**HS-343. Colonial Experience to 1763. 3.00 Credits.**

An investigation of the background and political, social and economic developments of the North American colonies to 1763. United States History. Prerequisites: HS-121 HS-122(9291).

**HS-344. Alexander Hamilton's America. 3.00 Credits.**

The Room Where it Happens!" "Not Throwing Away My Shot!" -- This course will use the masterpiece \_Hamilton\_ to explore the genius, power and peril of the social and political experiment that is America. Along with the musical, students will dig deep into primary sources, essays and other readings to illuminate and challenge the musical itself.

**HS-345. The Era of the Civil War. 3.00 Credits.**

A study of the period 1860-1865 with emphasis on the war itself and events leading to it. How did Americans end up killing one another on such a massive scale? The course will focus on the slavery debate, suffering, death, Lincoln, gender, black families, and the "fog of war.

**HS-346. Wounds of War: the Reconstruction Era. 3.00 Credits.**

Investigation of the political, economic, and cultural upheavals in the wake of America's most devastating war. Course will emphasize themes of emancipation, free labor, labor unrest (North and South), the "Lost Cause," and the violent struggle to redefine America from 1865 to 1900.

**HS-347. American Republic 1919-1945. 3.00 Credits.**

The triumphs and travails of urban industrialism, with emphasis on the politics, economics, and social changes of the Depression, the New Deal, and World War II. United States History.

**HS-348. American Republic Since 1945. 3.00 Credits.**

An analysis of American society and institutions since World War II. United States History.

**HS-349. The American City through The Wire. 3.00 Credits.**

Very few television shows have captured the realities of the American city and the imaginations of the American public more than the Wire. More than a crime drama, the Wire reminds the viewer that all the pieces matter, as each of the five seasons focuses on a particular facet of the city: the illicit drug trade, working class employment, municipal government and bureaucracy, children and the education system, and the print news media. Using the Wire as the primary text, this course will look at the history of American cities, paying close attention to each season's theme. Course Type(s): Pluralism.

**HS-350. The History of Sports & American Culture. 3.00 Credits.**

The world of sports is a reflection of the larger world in which the games are played. This course will mine the game of baseball, boxing, basketball, football, Nascar, soccer and other sports to make sense of American history and its culture. We will use sports to shed light on America's history of gender, sexuality, race, class, ethnicity, greed, education, immigration, gambling, drugs and nationalism. Course Type(s): Core curriculum course.

**HS-369. Racial Politics and the Cold War. 3.00 Credits.**

This course traces the history of the Civil Rights Movement in the context of the global Cold War.

**HS-370. History Through Documentary Films. 3.00 Credits.**

Students will learn how history is told through the medium of documentary films. Students will also study the techniques and narrative devices that have been used in the making of documentaries.

**HS-372. Modern Africa. 3.00 Credits.**

This course studies the indigenous and imperial cultures of Africa since 1800 with emphasis on Anglophone and Francophone regions. Course Type(s): Pluralism.

**HS-373. History of Lat Amer:Encounter to Present. 3.00 Credits.**

This course will explore the social, cultural and political history of Latin America, from the eve of the fifteenth-century "Encounter" to the twentieth-century rise of neoliberalism and its malcontents. Course Type(s): Pluralism.

**HS-374. History of Modern Asia. 3.00 Credits.**

This class will examine Asian history from 1750-present. Topics such as colonialism, WWII and the rise of Asian countries will be stressed. Course Type(s): Pluralism.

**HS-375. The World Wars. 3.00 Credits.**

A study of World War I and World War II focusing on their causes and effects, their military and home fronts, and the interrelationships of the two conflicts.

**HS-376. Spain: Brink of New Worlds. 3.00 Credits.**

Students will study in Andalucía (southern Spain) for multiple weeks. The course will investigate three major, world-changing events that are connected to the Iberian peninsula: The fall of western Rome and the rise of Islam; the life and legacy of Columbus; and the Spanish Civil War as the beginnings of World War II. Ideally, your stay in Andalucía will start in late May and last 3 to 4 weeks. Course Type(s): Pluralism, Domestic Travel.

**HS-399. Platt Seminar. 3.00 Credits.**

This research seminar, named in honor of Hermann Platt, is designed for new majors and minors to learn the methods and craft of the historian. Course Type(s): Senior Seminar.

**HS-401. Women in the Middle Ages and Renaissance. 3.00 Credits.**

An exploration of the roles of women in pre-modern times, discussing the theological and social attitudes that often hindered their advancement and the accomplishments they achieved nevertheless in politics, society, and culture.

**HS-402. The Islamic World 622-1800. 3.00 Credits.**

A survey of the religious, cultural, and political developments of Islam from its inception and diffusion through the Middle East, Asia, and Africa until the rise of western hegemony in the modern period, exploring the struggles and schisms that still affect the world. Values course. Pre-modern World History. Modern Non-Western and Thematic History. Prerequisites: HS-121 HS-122(9291) OR HS-123; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**HS-404. Western Science & Occult. 3.00 Credits.**

A look at astrology, alchemy, magic, and witchcraft from the ancient world to the Scientific Revolution, their place in the intellectual life, and how they were affected by new philosophical trends.

**HS-405. A History of the Jesuits. 3.00 Credits.**

The history of this religious community in the Catholic Church offers the scope for a cross-cultural survey of the modern world on all the inhabited continents. Themes like evangelization, popular education, cross-cultural understanding, the scientific revolution, evolving church-state relations, and faith-justice issues run through the course. Modern Non-Western and Thematic History. Prerequisites: HS-121 HS-122(9291); COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**HS-406. Ancient Gender and Sexuality. 3.00 Credits.**

In this course, we will explore the diverse topic of gender and sexuality in the ancient world. We will examine a variety of ancient primary sources, both written and material/archaeological, that can provide us evidence for ancient thinking, expression, and lived experience of sexuality and gender. We will also consider ancient modes of philosophy, expression, and experience of sexuality and gender alongside modern perspectives on these topics, as they flow and evolve throughout human history and culture. Course Type(s): Pluralism.

**HS-419. Secret Lives of Ancient Women. 3.00 Credits.**

A deep dive into the domestic life, religious identity, works, texts, and visual representations of ancient women.

**HS-420. Social Documentary Filmmaking. 3.00 Credits.**

In this course students will explore the history and methods of social impact documentaries as a tool for education, action and change. Students will also produce a final project, studying filmmaking from concept, to production and post production; culminating in an end-of-the-year film festival.

**HS-421. Nationalism in Modern Europe. 3.00 Credits.**

This course examines the philosophical foundations for the idea of nations from the late 18th century and studies how nations became the basis for states during the 20th century. Course Type(s): Writing Intensive.

**HS-425. History of the Holocaust. 3.00 Credits.**

This course examines the causes, experiences and aftermath of the Holocaust.

**HS-440. Public History Community & Civic Memory. 3.00 Credits.**

Statues, art exhibits, and even movies are "sites" of intense debate over authority to define history and collective memory. This course considers the ways in which the general public thinks about history. Looking at museums, historic sites, movies, and documentaries, this course will consider the methods of making historical knowledge more accessible. In the end students will produce a work of public history.



**HS-441. Black History and the American Novel. 3.00 Credits.**

What is racism? How did African Americans react to and contest racial oppression in the early 20th century? In this course students will find answers to those questions through an examination of Black history from the 1880s to the 1930s. Using Ralph Ellison's *Invisible Man* as a narrative lens, students will imagine the ways in which historical encounters (re)define racial identity by tracing the Black experience through the emergence of the Talented Tenth, the First Great Migration, the Harlem Renaissance, and the Long Civil Rights Movement.

**HS-442. The Long Civil Rights Movement in America. 3.00 Credits.**

The campaign for civil rights in the broad context of 20th Century social movements, with particular emphasis on the African American struggle and how the work of individuals and organizations impacted American discourses on gender, labor, religion, sexuality and foreign policy. Course Type(s): Pluralism.

**HS-443. Religion in the U.S.. 3.00 Credits.**

Explores the hothouse of religious experimentation and debate that followed the Revolution and that continues to shape modern America. This course will span from early American Calvinism to antebellum Utopian movements, to the influx of Catholicism and other ethnic religions, to the rise of the Evangelical Right. Grace, Polygamy, Anti-Catholicism, Perfectionism, Creationism, Sin, Slavery, Darwin, Jerry Falwell, Abortion. This class will explore the strange contours of the most "religious" nation in the modern world.

**HS-444. History of American Immigration. 3.00 Credits.**

Examination of the migration of various peoples to the U.S., and the development of the policy on emigration from the progressive era to the present. United States History.

**HS-445. Bldg US Hist: Race Public Hist Memory. 3.00 Credits.**

Through visits to historic sites in the South this course interrogates relationships between historical memory and social and political identities in the United States. Additional travel course fee of \$50. Course Type(s): Domestic Travel.

**HS-460. Culture of the 70's. 3.00 Credits.**

This course offers an interdisciplinary cultural history of the 1970s in the United States. Particular attention will be focused on exploring the major events, trends, and social movements of the period through close analysis of its literature, film, music, television, and visual art. Topics will include the Women's liberation Movement, the Black Power Movement, urban decay and artistic renaissance in 1970s NYC, the birth of neoconservatism, and the politics of disco and the cultural backlash against it.

**HS-471. Bearing Witness to War & Genocide. 3.00 Credits.**

This course considers the history and interpretation of violence, destruction, ethnic cleansing, genocide and war; what does it mean to bear witness? Course Type(s): Values.

**HS-475. The History of Rock to Hip Hop. 3.00 Credits.**

The truths of a nation are most often heard in its music. America's musical evolution provides an invaluable gateway into U.S. history, and the ways in which race, class and gender shaped peoples' lives. In this course we will trace the history of American music, from blues and jazz to R&B and rock to hip-hop and soul, through the examination of lyrics, production, the artists and the music they created. Course Type(s): Pluralism.

**HS-476. History of the Environment. 3.00 Credits.**

This course examines humankind's relationship to the environments-natural and 'man-made'-that we inhabit.

**HS-499. The Tuleja Seminar. 3.00 Credits.**

Named to honor Professor Emeritus Thaddeus V. Tuleja, the seminar stresses historical methodology as it relates to a particular historical topic chosen by the professor offering the seminar. Course Type(s): Capstone, Writing Intensive, Senior Seminar.

**IS Courses****IS-195. Information Technology Fundamentals. 3.00 Credits.**

This course is the first step towards an IT career, and opens a clear pathway to more advanced training steps. At its completion, the student will be able to demonstrate understanding of basic IT concepts, terminology, infrastructure, applications, software, software development concepts, database fundamentals, security, hardware, equipment and tools. At the same time, this course prepares the student for the IT Fundamentals + Certification Exam offered by CompTIA.

**IS-235. Visual Basic. 3.00 Credits.**

The design and construction of Windows-based applications using the Visual BASIC programming language. Design of GUI screens, writing code modules, drag and drop techniques, planning menus and dialogs. Prerequisites: CS-180 OR IS-180.

**IS-295. Credited Internships. 3.00 Credits.****IS-377. Linux. 3.00 Credits.**

Installation, configuration, and administration of the Linux operating system and related programs. File, user account, process management, Shell (bash) and Perl programming will be studied.

**IS-380. Database and Data Administration. 3.00 Credits.**

This course teaches students how database systems are used and managed, and the issues associated with protecting associated data assets. In addition, it will teach the methods to protect the confidentiality, integrity, and availability of data throughout the data life cycle. Topics include: relational databases, no-SQL databases, object based vs. object oriented, big data, Hadoop / Mongo DB / HBASE, data policies/quality/ ownership/warehousing, long term archival, data validation, data security (access control, encryption), database vulnerabilities, database topics/issues (indexing, inference, aggregation, polyinstantiation), hashing and encryption, database access controls (DAC, MAC, RBAC, Clark- Wilson), information flow between databases/servers and applications, database security models, security issues of inference and aggregation, and common DBMS vulnerabilities. Prerequisites: CS/IS-180 OR CS-190.

**IS-381. Cyber Security Planning and Risk Mgmt. 3.00 Credits.**

This course provides students with the ability to develop plans and processes for a holistic approach to cyber security for an organization. Topics include CBK, operational, tactical, strategic plans and management, security architecture, policies, standards, procedures, business continuity/disaster recovery, C-level functions, making cyber security a strategy (part of core organizational strategy), and change control. Prerequisites: CS-180 OR IS-180.

**IS-410. Total Business Info Systems. 3.00 Credits.**

In-depth analysis of business applications including enterprise resource planning and electronic commerce. Basic and advanced applications with emphasis on enterprise database management systems. Prerequisites: CS-231 OR IS-380.

**IS-425. Disaster Recovery/Business Continuity. 3.00 Credits.**

In this course, students will learn to identify vulnerabilities and implement appropriate countermeasures to mitigate risks. Techniques will be taught for creating a continuity plan and methodology for building an infrastructure that supports its effective implementation. Throughout this course, practical skills will be acquired through a series of interactive workshops and case studies. Students design and develop a disaster recovery plan. Prerequisites: IS-380 OR IS-381.

**IS-451. Adv Web Page Development. 3.00 Credits.**

Students will learn how to combine HTML, CSS and JavaScript to create dynamic and interactive Web Pages (DHTML). Students will design and implement Web Server applications in Perl/CGI, PHP, VBScript/ASP, Python, and XHTML. Prerequisites: CS-180 OR IS-251.

**IS-490. Indep Study in Information Science. 3.00 Credits.**

Under faculty supervision, independent study and research topics not covered in courses offered.

## IT Courses

**IT-113. Elementary Italian I. 3.00 Credits.**

An introduction to spoken and written Italian stressing grammar and pronunciation. Course Type(s): Arts/Language, Addl Humanities.

**IT-114. Elementary Italian II. 3.00 Credits.**

An introduction to spoken and written Italian stressing grammar and pronunciation. Prerequisites: IT-113 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

**IT-134. Intermediate Italian II. 3.00 Credits.**

Presentation of advanced grammar and vocabulary for improved listening, speaking, reading comprehension, and writing. Practical use of Italian through dictation, oral and written exercises, sight-reading, and guided conversation. Prerequisites: IT-133; Course Type(s): Arts/Language, Addl Humanities.

**IT-265. Cinema Italiano I. 3.00 Credits.**

History of Italian film from the beginning to the present including writers, directors, technology and propaganda used. Course Type(s): Arts/Language, Addl Humanities.

**IT-266. Cinema Italiano II. 3.00 Credits.**

History of Italian film from the beginning to the present, including writers, directors, technology and propaganda used. Course Type(s): Arts/Language, Addl Humanities.

**IT-271. Italian Language Through Cuisine. 3.00 Credits.**

Study of the Italian language through Italian food culture, in its historical and cultural development through the ages. Course Type(s): Arts/Language, Addl Humanities.

**IT-325. Marco Polo & the Silk Road. 3.00 Credits.**

Exploration, through literature, art, film, and music, of Marco Polo's adventures along the Silk Road as he winds his way through Asia. This course may be taken EITHER for Core Modern Language OR for Pluralism, but NOT FOR BOTH. Course Type(s): Pluralism.

**IT-350. History and Culture of Italy. 3.00 Credits.**

This course will examine the long and rich history and culture of Italy as seen through its language, literature, art, customs, music and film. Course Type(s): Arts/Language, Addl Humanities.

**IT-360. History and Culture of the Philippines. 3.00 Credits.**

A survey of Filipino history from its origins to the present and examination of its culture, as expressed through its customs, art, music, film, and food. Course Type(s): Pluralism.

**IT-366. Machiavelli and The Prince. 3.00 Credits.**

Study of the life, times, and thought of Machiavelli as expressed in his groundbreaking work, The Prince.

**IT-398. Propaganda: A Tale of Two Romes. 3.00 Credits.**

Study of the role of propaganda in Ancient and Modern Rome, plus in the Italian language. Additional course fee of \$50. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): International (Travel), Pluralism, Values.

**JN Courses****JN-205. News Writing and Reporting. 3.00 Credits.**

An introduction to journalism, including a survey of print media, and practice in interviewing, reporting, and writing hard news and news feature stories. Prerequisites: CM-115 CM-117 OR CM-120; Course Type(s): Writing Intensive.

**JN-208. Broadcast Newsroom. 3.00 Credits.**

A course on the practical skills of broadcast TV. Students will be introduced to TV news writing and productivity. They will learn to shoot and edit news stories for broadcast. Prerequisites: CM-115 CM-117 OR CM-120.

**JN-210. Writing Workshop. 3.00 Credits.**

Learn to write with more style in this course that reviews and builds upon the basic rules of grammar. Intended for students who have completed composition requirements and wish to become better communicators. Also intended to assist students who may enter areas of media requiring strong verbal skills and editing abilities.

Prerequisites: CM-115 OR CM-120 REQUIRED FOR COMMUNICATION MAJORS WHO SCORE LESS THAN A B IN COMPOSITION.

**JN-260. Radio Station I. 3.00 Credits.**

A course in the practical skills of radio broadcasting. It teaches the basics of using equipment to produce, edit and broadcast a radio program. Productions students create will be part of the new campus radio station's programming. Prerequisites: CM-115 CM-117 OR CM-120.

**JN-261. Podcasting. 3.00 Credits.**

Students will produce a podcast in this course, from ideation to final production.

**JN-295. Credited Internships. 3.00 Credits.****JN-304. Principle of Media Law & Ethics. 3.00 Credits.**

An overview of laws governing writing and reporting, from first amendment to libel, roles of journalists in criminal cases and the relationship between the press and government. Looks at where the law stops and ethical obligations begin. Prerequisites: CU-205 CM-115 CM-117 OR CM-120.

**JN-310. News Writing II. 3.00 Credits.**

Students build on expertise acquired in CU/JN-205, developing skills further in news gathering, writing, editing and interviewing. They will generate stories and complete assignments on deadline. Topics include: beat and specialized reporting, headline and feature writing and writing for print vs. broadcast vs. digital. Prerequisites: CU-205 OR JN-205.

**JN-313. The News Lab. 3.00 Credits.**

Students will report, write, photograph and produce the student newspaper of Saint Peter's University, the Saint Peter's Tribune. Students will learn copyediting and design skills as well as produce multimedia for the online edition.

**JN-340. Sportswriting. 3.00 Credits.**

A study of the growth of this area of specialized journalism, including interviewing, reporting, and writing assignments for a variety of sports. Prerequisites: CM-115 CM-117 OR CM-120 CU-205 OR JN-205.

**JN-341. Art & Entertainment Journalism. 3.00 Credits.**

An overview of an area of specialized journalism: Arts and Entertainment. A look at the history and current issues in the arts, from early 20th century tabloids to today's bloggers, copyright concerns and arts in the community. Prerequisites: CM-115 CM-117 OR CM-120 CU-205 OR JN-205.

**JN-355. Video Storytelling. 3.00 Credits.**

This course is designed to introduce video storytelling, shooting and editing techniques for multi-platform environments in journalism, public relations, advertising and marketing. The course will teach students to recognize and understand the technical and aesthetic aspects of visual storytelling, and how to produce narratives using a combination of still images, video, ambient sound, interviews and graphics. Prerequisites: CM-115 CM-117 OR CM-120.

**JN-385. Digital Storytelling and Social Media. 3.00 Credits.**

Students will learn the fundamentals of digital journalism. Emphasizes hands-on instruction in multimedia skills. Topics include blogging, newsletters, photography, video and audio production, use of social media as a reporting tool, along with data visualization and graphics. Guest speakers and discussion on the future of news will also be part of the course. Requires students to produce a final project that consists of storytelling across a range of platforms-for example, a written article, a photo and audio story, and a video. Prerequisites: CM-102.

**JN-410. Investigative Journalism & Advanced Feat. 3.00 Credits.**

The practical application of investigative and public affairs reporting skills. Students will complete a major investigative news piece and gather information from public records and interview sources. Prerequisites: CU-205 OR JN-205.

**JN-419. Magazine Writing. 3.00 Credits.**

Methods of writing and selling articles for print and web magazines from brief profiles and how-to pieces to long narrative articles. An introduction to query writing. Prerequisites: CM-115 CM-117 OR CM-120, CU-205 OR JN-205.

**JN-420. Social Impact Documentary History & Prod. 3.00 Credits.**

In this course students will explore the history and methods of social impact documentaries as a tool for education, action and change. Students will also produce a final project, studying filmmaking from concept, to production and post production; culminating in an end-of-the year film festival. Course Type(s): Mission Seminar.

**JN-489. Globalization and Fieldwork Seminar. 3.00 Credits.**

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Course Type(s): International (Travel), Pluralism.

**JN-496. Live Sports Production Internship. 3.00 Credits.**

This course will students with hands-on experience in live broadcast sports production, focusing on various aspects such as camera operation, audio engineering, producing, and post-production editing. Students will serve on the production team of Saint Peter's Athletic Department's TV sports broadcast. Through practical application and mentorship, students will gain insights into the dynamics of live sports broadcasting and develop essential skills for a career in television production.

**JP Courses****JP-130. Elementary Japanese I. 3.00 Credits.**

An introduction to the basic language skills of speaking, reading, listening, and writing Japanese through a variety of media. Course Type(s): Arts/Language, Addl Humanities.

**JP-131. Elementary Japanese II. 3.00 Credits.**

An introduction to the basic language skills of speaking, reading, listening, and writing Japanese through a variety of media. Prerequisites: JP-130 OR AN-130 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

**JP-355. Cinema of Japan. 3.00 Credits.**

Study of the development of Japanese cinema from origins to the present.

**KO Courses****KO-117. Elementary Korean I. 3.00 Credits.**

An introduction to the alphabet, sounds, grammar, and vocabulary of Korean, as well as to the life and culture of the Korean people.

**LA Courses****LA-113. Elementary Latin I. 3.00 Credits.**

An introduction to the basic grammatical structures of Latin presented through exercises and brief literary selections. Course Type(s): Arts/Language, Addl Humanities.

**LA-114. Elementary Latin II. 3.00 Credits.**

An introduction to the basic grammatical structures of Latin presented through exercises and brief literary selections. Prerequisites: LA-113 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

**LS Courses****LS-101. Intro Latin Amer & Latino Stud. 3.00 Credits.**

This course will introduce students to the study of Latin America as a region-its history, culture, politics and economic development- and Latino Studies, which examines the experiences of people of Latin American descent in the U. S. Course Type(s): Pluralism.

**LS-117. Span Hlth Care Professions I. 3.00 Credits.**

Grammar and vocabulary taught through dialogues and situations related to the healthcare professions.

**LS-118. Span Hlth Care Professions II. 3.00 Credits.**

Further practice in grammar and vocabulary related to the healthcare professions. Prerequisites: SP-117.

**LS-119. Spanish for Business & Finance I. 3.00 Credits.**

Further study of Spanish grammar, pronunciation, writing, and vocabulary with an emphasis on business and financial usage.

**LS-120. Spanish for Business & Finance II. 3.00 Credits.**

Further study of Spanish grammar, pronunciation, writing, and vocabulary with an emphasis on business and financial usage. Prerequisites: LS-119.

**LS-140. Introduction to Women's Studies. 3.00 Credits.**

This interdisciplinary course introduces students to women's studies, including its roots in the feminist and civil rights movements and the construction of gender in culture and society, giving specific attention to forms of gender inequality in the family, workplace, religion, healthcare, and relationships.

**LS-177. Introduction to Africana Studies. 3.00 Credits.**

This course offers an introduction to the field of Africana Studies. It includes the theoretical foundations for this discipline as well as an historical exploration of forces leading to emergence of artistic, music, poetry and social movements.

**LS-195. Spanish: Social Services I. 3.00 Credits.**

Serves social workers, police officers, medical professionals, and those in related fields. Basic grammar structures and specialized vocabulary; writing exercises, conversation, and role play. Fulfills core language requirement.

**LS-196. Spanish: Social Services II. 3.00 Credits.**

Serves social workers, police officers, medical professionals, and those in related fields. Basic grammar structures and specialized vocabulary writing exercises, conversation, and role play. Fulfills core language requirement. Prerequisites: SP-195.

**LS-198. Introduction to Hispanic Literature I. 3.00 Credits.**

A basic introduction to the principal literary genres through readings in Spanish. 1-2 years high school Spanish.



**LS-199. Introduction to Hispanic Literature II. 3.00 Credits.**

A continued introduction to the principal literary genres through readings in Spanish. Prerequisites: SP-198.

**LS-206. Poetry. 3.00 Credits.**

This introductory literature course is designed to help students develop the skills necessary to understand and enjoy poetry. The class will explore the diversity and range of poetry, emphasizing the analysis of short lyric poems, and selected examples of verse drama, verse essay, and narrative poems. Prerequisites: CM-115, CM-116 OR CM-120.

**LS-244. Hispanic-American Lit. I. 3.00 Credits.**

Origins and evolution of writings from Columbus to Vargas Llosa and his contemporaries. Required for Spanish majors and minors. Taught in Spanish. Prerequisites: SP-134 SP-136 SP-199.

**LS-245. Survey of Hispanic American Literature I. 3.00 Credits.**

Development of Hispanic-American literature from its origins through the 18th century. Prerequisites: 2-3 YRS. H.S. SPANISH OR SP-134 OR SP-136 OR INSTRUCTOR PERMISSION.

**LS-246. Hispanic-American Lit. II. 3.00 Credits.**

Development of Hispanic-American literature from the 19th century to the present. Prerequisites: SP-245 OR INSTRUCTOR APPROVAL, OR 3-4 YEARS H.S. SPANISH.

**LS-249. Cultural Geography of Hispanic America. 3.00 Credits.**

A study, through readings and video, of the history, culture, and societal aspects of the Spanish-speaking countries of Latin America. Taught in English. Course Type(s): Pluralism.

**LS-250. Spanish Conversation I. 3.00 Credits.**

Intensive practice in Spanish conversation through discussion of interesting topics, as well as review of critical grammatical structures and vocabulary to facilitate effective expression.

**LS-251. Spanish Conversation II. 3.00 Credits.**

SP-250;

**LS-254. Sociology of Migration and Immigration. 3.00 Credits.**

Immigration in history; patterns of movement; immigration and refugees; adjustment and resettlement; immigration law. The needs of immigrants; housing, employment education, medical care. Prerequisites: SO-121 OR UR-151; Course Type(s): Pluralism.

**LS-260. Sabores Y Saberes Exploring Latin Cuisine. 3.00 Credits.**

This course explores the cultural and community knowledges (saberes) of Latinx communities through a hands on study of their flavors and cuisine (sabores). We will examine the role of food, its preparation, rituals, histories and consumption, in place-making, identity and community building. This course will involve some travel to restaurants. Prerequisites: LS-101 OR SO-121 OR UR-151; Course Type(s): Pluralism.

**LS-265. Social Justice in Latin American Film. 3.00 Credits.**

Analysis of film, viewed politically and socially, as a mediator of the dynamics of tradition and change in Latin America. Prerequisites: LS-101 OR INSTRUCTOR APPROVAL; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**LS-275. Indigenous Civilizations: Olmecs to Inka. 3.00 Credits.**

This course will examine the cultures, including their rises and falls, of a number of pre-Columbian cultures from archeological and cultural anthropological perspectives. Inca, Mayan, Aztec, and Others. Prerequisites: SO-121. Prerequisites: SO-121; Course Type(s): Pluralism.

**LS-276. Comparative Social Movements. 3.00 Credits.**

From Hong Kong to Chile, Wall Street to Plaza de Mayo, the last few years have demonstrated that the politics of protest and collective mobilization play an ever more relevant part in the contemporary dynamics of political resistance and social change. Through the comparative study of social movements around the globe, this course provides an overview of theoretical approaches and transdisciplinary insights into the study of collective action. Class discussions will go beyond stigmatized connections between social action and social unrest to explore topics such as performance and everyday resistance strategies, power and identity relations and other factors that allow for a critical perspective on the field.

**LS-292. Translation. 3.00 Credits.**

Practice in technical, commercial, scientific translation, legal documents and business correspondence, Spanish English, English- Spanish. Taught in Spanish. Prerequisites: SP-134 SP-136 OR SP-199 OR 3-4 YEARS H.S. SPANISH.

**LS-295. Credited Internships. 3.00 Credits.****LS-301. Latinx Philosophy. 3.00 Credits.**

This course aims to offer an overview of Latinx Philosophy. In light of this, we will be concerned throughout the course with discussing a number of central questions regarding the nature, the history and the scope of Latin American Philosophy as well as some of the central issues, values, and problems addressed by Latin American philosophers. In particular, we will address during the course the following questions: What is Latin American philosophy? Can Pre-Columbian ways of thinking be categorized as philosophy? Is Post-Columbian Latinx Philosophy just an off-shoot or reflection of Western Philosophy or is it an original form of thinking? Can we meaningfully talk of Latinx Philosophy given the huge ethnic and national diversity as well the widespread social and economic disparities that Latin America exhibits? How have events such as the Spanish Conquest or the Independence wars influenced philosophical thinking in Latin America? What views do Latinx philosophers have on feminism and women's rights? Is there such a thing as a Latinx identity? What role should philosophy have according to Latinx philosophers in the struggles for liberation? Prerequisites: PL-130; Course Type(s): Pluralism.

**LS-310. Feminist Political Theory. 3.00 Credits.**

Historical overview of feminist political activity in the United States and an analysis of feminist theory: liberal feminism, Marxist feminism, radical feminism, and post-modern feminism. Course Type(s): Pluralism.

**LS-311. Introduction to Latin American Film. 3.00 Credits.**

A cultural history of Latin America in the twentieth and twenty-first centuries through the study of its cinema. Ability to understand Spanish is recommended Course Type(s): Core curriculum course.

**LS-335. Latino Marketing Communication Culture. 3.00 Credits.**

An in-depth, critical examination of marketing and communication strategies in the Latino community. The course invites students to explore what the terms Latino and Latino culture mean, question their saliency, and to weight the implications that marketing and communication campaigns can have on consumption patterns, entrepreneurship, organizations, and Latino identity. Prerequisites: BA-155 OR LS-101 OR SO-121 OR EC-101; OR PERMISSION OF INSTRUCTOR. Course Type(s): Pluralism.

**LS-337. Non-Western Perspective to Int Relations. 3.00 Credits.**

This course will introduce the study of International Relations (IR) from post-colonial and decolonial perspectives. Course readings and discussions will examine biases and limitations of mainstream western-oriented perspectives on the field. While recognizing the varied scope of post-colonial and decolonial literature, course materials will explore "subaltern" frames of reference that cut across North-South divides, debate racialized and genderized assumptions about nationality and culture, and promote "counter-hegemonic" reflection on prevailing concepts, norms and institutions in IR.

**LS-351. Latina/O/X Communities. 3.00 Credits.**

An in-depth examination of the social, cultural, economic, historical, and political contexts shaping the experiences of long-established and recent immigrant Latino/a/x and Latin American groups in the United States. The course will examine the formation of communities in different geographical regions, as well as by national, socio-cultural, ethnic, and political affinities. Prerequisites: SO-121 OR UR-151 OR LS-101; Course Type(s): Pluralism, Mission Seminar.

**LS-354. Minority Group Relations. 3.00 Credits.**

A study of the history, conditions, and contributions of racial minority groups within the United States. Special emphasis on developments involving African Americans, Hispanics, and Asian Americans.

**LS-359. Seminar: Literature of the Boom II. 3.00 Credits.**

Continued analysis of the representative texts of the explosion of Hispanic-American literary production onto the world market, in their literary, historical, and cultural contexts. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**LS-368. Health & Inequalities:RaceClass&Gender. 3.00 Credits.**

This course critically examines the relationship between health status and social inequalities along the lines of race and ethnicity, social class and gender. We begin with an overview of epidemiology and the idea of studying health from a sociological perspective. We then consider the complex relationship between socio-economic status (class) and health statuses, followed by an examination of specific health issues for major racial/ethnic minorities and gender groups. We will try to understand how low socioeconomic status leads to poor health, how conscious, unconscious, and institutionalized racial/gender bias affects medical care and health outcomes, and address ideas for reducing health disparities among all groups. Prerequisites: SO-121 Course Type(s): Pluralism.

**LS-370. Urban Anthropology. 3.00 Credits.**

An exploration of the emergence of urban culture in its present form from its neolithic roots. Emphasis on urban life in the New Jersey area, with reference to the peoples and cultures in urban environments world-wide. Prerequisites: LS-101 SO-121 OR UR-151.

**LS-380. Spatial Justice Cities and Resistance. 3.00 Credits.**

Spatial Justice is an invitation to discuss social justice by looking at places and spaces around us. How much does the design of our cities reflect and offer insights into social and economic inequalities? How do city spaces influence embodied aspects of our daily lives? How can structured or spontaneous acts of spatial resistance impact broader social dynamics? Through the comparative study of urban social dynamics around the world, this course will discuss the contradictory ways in which spaces are socially constructed, consider different urban experiences in relation to race, gender, class, and sexual orientation, investigate spacial resistance dynamics, and explore how those can be applied to the promotion of more just and inclusive social & spatial realities.

**LS-384. Cultural Anthropology. 3.00 Credits.**

An analysis of the development of anthropology as an offshoot from Sociology; an examination of the differences in the methodology of anthropology and Sociology in the study of a variety of cultures. Prerequisites: SO-121 OR UR-151; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Writing Intensive, Pluralism.

**LS-392. Caribbean Literature. 3.00 Credits.**

This course will explore aspects of Caribbean literature in Spanish from Puerto Rico, Cuba, and the Dominican Republic. Readings will include essays, short stories, poems, and novels from the Encounter to the present. Taught in Spanish. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**LS-412. Ethnicity and Race in Urban History. 3.00 Credits.**

Includes the African and European immigrant experiences in America, the effects of slavery and urbanization, and the formation of class consciousness. Prerequisites: SO-121 OR LS-101, AND SO-280 AND SO-384; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Capstone, Writing Intensive, Pluralism.

**LS-452. Economic Development. 3.00 Credits.**

Measurement and income distribution - obstacles, constraints, factors, and theories of economic development. Aid, planning, and actual experiences. New consideration to the development process. Prerequisites: EC-101, EC-102.

**LS-454. Political Economy of Latin America. 3.00 Credits.**

This course gives students an introduction to the political economic and socio-economic events of Latin America throughout its independence. Prerequisites: EC-101.

**LS-481. Immigration: Walls Or Welcome?. 3.00 Credits.**

This course focuses on past and present immigration policies in the U.S. as well as immigration activism. Course Type(s): Pluralism.

**LS-489. Globalization and Fieldwork Seminar. 3.00 Credits.**

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Prerequisites: SO-121 UR-151 PO-150 OR LS-101; Course Type(s): International (Travel), Pluralism.

**LS-490. Seminar Don Quijote. 3.00 Credits.**

Readings, research, and critical analysis of the Cervantes novel in its socio-historical context. Taught in Spanish. Prerequisites: SP-134 SP-136 OR SP-199.

**LS-493. Hispanic Heritage & Identity. 3.00 Credits.**

This course will consider the heritage and identity of Hispanics in the U.S. today. By examining texts in English and Spanish, students will develop a sense of how U.S. Hispanics express their identity through literature. Taught in Spanish. Prerequisites: SP-134 SP-136 OR SP-199.

**LS-497. Advanced Urban Internship. 3.00 Credits.**

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required. Prerequisites: SO-121 OR UR-151.

## LW Courses

### **LW-155. Seminar in Contemporary Legal Issues. 3.00 Credits.**

A course open to all students examining current legal issues in a seminar setting. This course will acquaint students with the issues that are at the forefront of the legal environment such as physician assisted suicide, legal issues relating to the world-wide web, capital punishment, drug laws and their enforcement, abortion and the law, affirmative action and race-conscious preferences, and sex offender notification laws. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Senior Seminar, Writing Intensive.

### **LW-156. Legal Aspects of Health Care. 3.00 Credits.**

Analysis of the legal aspects of health care, including general contracts, confidentiality of records, insurance liability, and malpractice.

### **LW-495. Mindfulness/Meditative Practice/ Success. 3.00 Credits.**

This class will teach students the history and application of mindfulness and meditation as practiced around the world. Students will learn how the practice of mindfulness and meditation can help develop the skills necessary for success in their future as business professionals, lawyers, and leaders generally. Mindfulness directs a person's thoughts to the present which enhances one's ability to focus thought and concentration as well as to respond most appropriately and ethically to others, to cross cultural barriers and maintain deeper empathy for all. Meditation practice enhances students' abilities to become more consciously aware, feel gratitude, and in turn to have respect, kindness, and consideration for others. We will explore these concepts as celebrated in different cultures and how application of both will propel students to their greatest potential. Course Type(s): International (Travel).

## MA Courses

### **MA-100. Fundamentals of College Algebra. 3.00 Credits.**

Brief review of real numbers and variable expressions; solving equations and inequalities; linear functions; polynomials; factoring; rational expressions; rational exponents and radicals.

### **MA-101. Precalculus. 3.00 Credits.**

Brief review of basic algebraic concepts; functions (general concepts, linear, quadratic); polynomial and rational functions; exponential and logarithmic functions; summary of trigonometric functions; application problems. Course Type(s): Core curriculum course.

### **MA-102. Mathematics for the Liberal Arts. 3.00 Credits.**

Topics to be chosen from the following: problem solving; logic; consumer mathematics; personal finance; voting and apportionment; mathematics and the arts; mathematics of growth; graph theory; number theory. Additional topics may be covered at the discretion of the instructor. This course will contain an integrated review component. Course Type(s): Core curriculum course.

### **MA-103. Probability & Statistics for Liberal Art. 3.00 Credits.**

Set theory, finite probability, collection of data, graphical displays of data, summary statistics, the normal distribution, linear regression and correlation. Additional topics may be covered at the discretion of the instructor. This course will contain an integrated review component. Course Type(s): Math.

### **MA-105. Elementary Applied Mathematics. 3.00 Credits.**

Introduction to ways in which everyday situations can be modeled and studied mathematically: networks, voting, coding, and finance. Course Type(s): Core curriculum course.

### **MA-106. Introduction to Probability & Statistics. 3.00 Credits.**

Describing data collections using measures (e.g., center and spread) and graphical representations (e.g., histograms and plots), estimating probabilities for discrete and continuous distributions, and making statistical inferences using selected approaches (e.g., confidence intervals, hypothesis testing, linear regression analysis). Course Type(s): Math.

### **MA-107. Topics in Contemporary Mathematics. 3.00 Credits.**

Topics vary by term. Examples may include but are not limited to the following: logic; consumer mathematics; personal finance; voting and apportionment; mathematics and the arts; mathematics of growth; graph theory; number theory; coding theory. Course Type(s): Math.

**MA-108. Mathematics for Educators I. 3.00 Credits.**

In-depth study of the concepts that underlie the mathematics of the elementary school curriculum in the United States. Topics include set theory, numeration, mathematical thinking, number theory, and the four basic operations of mathematics. This course is intended for individuals who expect to teach in primary school. Course Type(s): Core curriculum course.

**MA-109. Mathematics for Educators II. 3.00 Credits.**

Topics include the real number system, proportional reasoning, statistics, probability, and measurement systems. This course is intended for individuals who expect to teach in primary school. Course Type(s): Core curriculum course.

**MA-123. Elementary Calculus I. 3.00 Credits.**

Differential calculus of polynomial and rational functions; applications of calculus to problems in business and economics. Course Type(s): Math, STEM.

**MA-124. Elementary Calculus II. 3.00 Credits.**

Exponential and logarithmic functions, integral calculus, differential equations; applications to problems in business and economics. Prerequisites: MA-123 OR MA-133; Course Type(s): Math, STEM.

**MA-125. Intermediate Calculus. 2.00 Credits.**

This course is intended for students (e.g., computer science majors) who have completed 6 credits of calculus and who now wish to take Multivariable Calculus. Prerequisites: MA-124.

**MA-132. Statistics for Life Sciences. 3.00 Credits.**

Basic methods of data analysis. Topics include displaying data graphically; measures of central tendency and variability; probability concepts; normal, t, chi-square, and F distributions; confidence intervals and estimation; hypothesis testing; regression and correlation analysis; analysis of variance; contingency tables; use of statistical software. Biological applications are emphasized. Course Type(s): Math, STEM.

**MA-133. Calculus for the Life Sciences. 4.00 Credits.**

Polynomial, rational, and trigonometric functions; limits, continuity, derivatives; graphs, maximum-minimum problems; exponential and logarithmic functions, growth and decay problems integrals, basic integration techniques, applications of the integral. Biological applications are emphasized. Course Type(s): Math, STEM.

**MA-143. Differential Calculus. 4.00 Credits.**

Limits and continuity; the derivative; chain rule and differentiation of algebraic functions; extrema; applications; the Mean Value Theorem. Course Type(s): Math, STEM.

**MA-144. Integral Calculus. 4.00 Credits.**

The definite integral and the Fundamental Theorem of the Calculus; applications; transcendental functions; methods of integration. Prerequisites: MA-133 OR MA-143; Course Type(s): Math, STEM.

**MA-210. Mathematics for the Health Sciences. 3.00 Credits.**

As students in this course master foundational mathematics, they will identify the application of mathematics to various professions in the health sciences and allied fields. The concepts they study include but are not limited to the fundamentals of mathematical computation; metric, household, apothecary and other measurement systems; scientific notation, exponents, and logarithms; ratios, proportions, direct and inverse variations, and percentages; formulas and literal equations; medical dosage calculations; and problem-solving strategies pertinent to applications in the health sciences embedded within real-life scenarios. Course Type(s): Math, STEM.

**MA-212. Elementary Statistics. 3.00 Credits.**

Descriptive statistics, laws of probability, some standard probability functions, central limit theorem, confidence intervals, hypothesis testing. Course Type(s): Math, STEM.

**MA-214. Mathematics of Finance. 3.00 Credits.**

Interest, partial payment, ordinary annuities, depreciation, amortization, sinking funds bonds, deferred annuities, perpetuities probability, mortality tables, life annuities, life insurance. Prerequisites: MA-106 OR MA-132 OR MA-212 OR MA-124 OR MA-133 OR MA-144 OR MA-273 OR INSTRUCTOR PERMISSION.

**MA-216. Computer Mathematics. 3.00 Credits.**

Number systems, internal representation, errors logic, Boolean algebra, circuits algorithms, efficiency counting, probability. Prerequisites: MA-106 OR MA-132 OR MA-212 OR MA-124 OR MA-133 OR MA-144 OR MA-273 AND CS-180.



**MA-218. Quantitative Methods for Business. 3.00 Credits.**

Students will explore methods to perform quantitative analysis and make decisions within a business context and elsewhere. Selected topics may include mathematical modeling and sensitivity analysis, techniques for decision making with uncertainty or risk, regression and forecasting models, linear and integer programming with applications such as transportation and assignment models, network models, project management, waiting line or queuing theory, and probability theory with Markov analysis. Course Type(s): Math, STEM.

**MA-222. Intermediate Statistics. 3.00 Credits.**

This course extends the statistical data analysis introduced in MA-212 or MA-132. Students will explore additional topics in parametric and non-parametric methods, including analysis of variance (ANOVA) and multiple regression. Learner will also actively design statistical experiments and interpret data sets. Students will use statistical software and computer programming as tools to assist with data analysis. Prerequisites: MA-212 OR MA-132 OR PERMISSION OF INSTRUCTOR; Course Type(s): Math, STEM.

**MA-247. Introductory Linear Algebra. 3.00 Credits.**

Matrix calculus, vector spaces, linear independence and bases, linear transformations on vector spaces, eigenvalues and eigenvectors. Prerequisites: MA-123, OR MA-133, OR MA-143 OR PERMISSION OF INSTRUCTOR.

**MA-248. Math Tech Lab. 1.00 Credit.**

Software for numerical and symbolic computations (such as MatLab and Mathematica), and mathematical typesetting (such as TeX) Prerequisites: MA-144 OR MA-125 ; OR INSTRUCTOR PERMISSION Course Type(s): Lab Courses.

**MA-250. Transition to Advanced Mathematics. 3.00 Credits.**

Students will learn the language and tools necessary for advanced mathematics, including sets, logic, various types of mathematical proof (direct, contradiction, contrapositive, induction, disproof), functions, and relations, with an emphasis on producing concise and rigorous arguments. Prerequisites: MA-101 OR MA-105 OR MA-106 OR MA-108 OR MA-109 OR MA-123 OR MA-124 OR MA-125 OR MA-132 OR MA-133 OR MA-143 OR MA-144 OR MA-212 OR MA-218 OR MA-222 OR MA-273 OR MA-274.

**MA-273. Multivariable Calculus I. 4.00 Credits.**

Integration techniques, 2-and-3 dimensional vector geometry; functions of several variables, limits, directional derivatives, partial differentiation, extrema; double and Triple integrals. Prerequisites: MA-144 OR MA-125(12089); Course Type(s): Math, STEM.

**MA-274. Multivariable Calculus II. 4.00 Credits.**

Limits and L'Hospital's Rule, improper integrals, infinite sequences and series power series, Taylor series, selected topics in multivariable calculus. Prerequisites: MA-273; Course Type(s): Math, STEM.

**MA-295. Credited Internships. 3.00 Credits.**

Co-operative work experience. Course Type(s): Independent Study.

**MA-302. Elem Math Functions for Mid Sc. 3.00 Credits.**

Functions and equations, arithmetic and geometric sequences, mathematical methods, linear functions, difference equations, quadratic and cubic functions, exponential and logarithmic functions, domain and range, fitting a line to data and modeling, and associated mathematical processes. Methods for learning and teaching the topics are addressed concurrently with the content.

**MA-304. Stats Prob & Discrete Math Middle Schoo. 3.00 Credits.**

Topics include collecting, summarizing, and interpreting data, sampling techniques, fundamental concepts of probability, counting techniques, Euler and Hamiltonian circuits, shortest distance algorithms, and associated mathematical processes. Methods for learning and teaching the topics are addressed concurrently with the content.

**MA-306. Geometry for Middle School. 3.00 Credits.**

Metric and US standard measurement, inductive and deductive reasoning, Euclidean geometry of two and three-dimensional figures including, but not limited to: area, perimeter, volume, surface area, congruency, similarity, rotation and transformation. Coordinate geometry, iteration and fractals, geometry in the world around us, and associated mathematical processes. Methods for learning and teaching the topics are addressed concurrently with the content.

**MA-316. Intermediate Discrete Mathematics. 3.00 Credits.**

Students will engage with noncontinuous mathematics, the mathematical language of computer science, information theory, etc. Topics may include but are not limited to graph theory, recurrence relations, generating functions, algorithms, partially ordered sets, lattices, and finite geometries. Prerequisites: MA-250.

**MA-335. Probability Theory. 3.00 Credits.**

Probability spaces, random variables, expectation, variance, standard deviation, binomial, multinomial, and Poisson distributions approximations by the normal distribution, Chebyshev's Inequality. Prerequisites: MA-273.

**MA-336. Mathematical Statistics. 3.00 Credits.**

Law of large numbers, Central Limit Theorem, estimation of parameters, confidence intervals, test of hypotheses, sampling, regression, analysis of variance. Prerequisites: MA-124 OR MA-144 OR MA-273 TAKING MA-335 AS A PRE-REQUISITE IS RECOMMENDED, THOUGH NOT REQUIRED.

**MA-337. Statistical Computing With R. 3.00 Credits.**

In this course students explore the fundamental principles of statistical computing in R. Learners will engage in topics such as the fundamentals of R, data types, matrices, data frames, control structures, input/output, libraries (e.g. ggplot2), visualizations, statistical inference, and simulations. Prerequisites: MA-132 OR MA-212 OR MA-222 OR MA-335 OR MA-336 OR PERMISSION OF INSTRUCTOR.

**MA-338. Regression Analysis. 3.00 Credits.**

In this course, students explore the applications of regression analysis and techniques of model building. Learners will engage in topics such as simple and multiple linear regression models, correlation, estimation and prediction, confidence intervals, residuals, common pitfalls of regression analysis and possible corrections, transformations, interactions, and model building. Statistical software, such as R, will be used. Prerequisites: MA-132 OR MA-212 OR MA-222 OR MA-336 OR EC-300 OR PERMISSION OF INSTRUCTOR.

**MA-347. Topics in Linear Algebra. 3.00 Credits.**

Students will expand conceptual knowledge developed in MA-247 as they explore intermediate topics in linear algebra spanning from the theoretical to the applied. Possible topics include abstract vector spaces, orthogonal sets, matrix decomposition/factorization, least squares, iterative methods, Vandermonde matrices, and polynomial interpolation and approximation. Prerequisites: MA-247.

**MA-350. College Geometry. 3.00 Credits.**

Study of Euclidean and other geometries from an axiomatic point of view. Prerequisites: MA-250 OR PERMISSION OF INSTRUCTOR.

**MA-375. Advanced Calculus. 3.00 Credits.**

Real numbers, sequences, limits of sequences and functions, continuity, differentiation, theory of integration, pointwise and uniform convergence. Prerequisites: MA-274.

**MA-377. Ordinary Differential Equation. 3.00 Credits.**

Existence and uniqueness of solutions, first and second order equations, systems of linear differential equations, solutions in power series applications. Prerequisites: MA-144 OR PERMISSION OF THE INSTRUCTOR.

**MA-379. Differential Equations for Engineers. 4.00 Credits.**

This Course is an Expanded Version of MA-377 and includes the following additional topics: The Laplace Transform, Partial Differential Equations and Fourier Series. Prerequisites: MA-144 OR PERMISSION OF THE INSTRUCTOR.

**MA-382. Mathematical Modeling. 3.00 Credits.**

The nature and philosophy of model building algebraic and analytic models in the social, physical, and life sciences. Prerequisites: MA-273 MA-247 OR MA-250.

**MA-385. Topics in Applied Mathematics. 3.00 Credits.**

Topics vary by term. Prerequisites: MA-273 MA-247 MA-250 OR WITH INSTRUCTOR'S PERMISSION.

**MA-387. Topics in Mathematics. 3.00 Credits.**

Topics vary by term. Prerequisites: MA-273 MA-247 OR MA-250.

**MA-389. Topics in Statistics. 3.00 Credits.**

Topics vary by term. Examples may include but are not limited to the following: Analysis of Variance and Multivariate Statistical Analysis, Non-Parametric or Distribution-Free Inferential Statistics, Regression Analysis, Design of Experiments and Data Interpretation, Bayesian Statistics, and Statistical Programming. Prerequisites: MA-132 OR MA-212 OR MA-222 OR MA-336 OR EC-300 OR PS-200 OR SO-448 OR PERMISSION OF INSTRUCTOR.

**MA-399. Independent Study. 3.00 Credits.****MA-400. History of Mathematics. 3.00 Credits.**

Learners will examine various mathematical concepts and constructs, exploring the diverse cultural contexts and historical perspectives that framed them students will solve representative problems that illuminate and illustrate these mathematical discoveries and developments from across the centuries, from antiquity through the modern era. Prerequisites: MA-124 OR MA-144 OR MA-273, AND MA-250 OR MA-247, OR PERMISSION OF INSTRUCTOR.

**MA-417. Introduction to Topology. 3.00 Credits.**

In this survey course of introductory pure mathematical topics in topology, students will explore the nature of abstract geometric spaces. Learners will generalize the concepts of continuity and connectedness to general spaces, construct new spaces from old ones using the product and quotient topologies, and apply algebraic invariants such as the Euler number and fundamental group to show that two spaces cannot be deformed into one another. Prerequisites: MA-250, MA-124 OR MA-133 OR MA-144 OR MA-273.

**MA-441. Modern Algebra. 3.00 Credits.**

Introduction to modern algebraic concepts the theory of groups, rings, and fields. Prerequisites: MA-250 AND MA-247 OR PERMISSION OF INSTRUCTOR.

**MA-442. Topics in Modern Algebra. 3.00 Credits.**

Topics may include but are not limited to the following: group theory, symmetry groups, Sylow theorems, algebraic coding theory, finite field theory, field extensions, Galois theory, and constructible numbers. Prerequisites: MA-441 OR PERMISSION OF INSTRUCTOR.

**MA-467. Functions of a Complex Variable. 3.00 Credits.**

Complex numbers, analytic functions, elementary functions, mapping of elementary functions, integrals. Prerequisites: MA-274.

**MA-481. Numerical Analysis. 3.00 Credits.**

Use of the computer to solve numerical problems. Error analysis solutions of equations linear systems interpolation approximation integration. Prerequisites: MA-273 MA-247 CS-180.

**MA-490. Senior Seminar in Mathematics. 3.00 Credits.**

In this capstone course, graduating senior Mathematics majors will explore areas of mathematics that draw on many of the previous courses, emphasizing the connection between different areas of mathematics. This culminating academic experience for the major will include writing, presentations, and contemporary mathematics research. Prerequisites: MA-441 OR MA-400 OR PERMISSION OF INSTRUCTOR; SENIOR MATHEMATICS MAJORS ONLY. Course Type(s): Capstone, Writing Intensive.

**ML Courses****ML-110. American Sign Language I. 3.00 Credits.**

This beginners' course develops expressive and receptive skills, vocabulary knowledge, and sensitivity to deaf culture. The history and social environment of the deaf community will be presented and discussed.

**ML-125. Intensive American Sign Language. 6.00 Credits.**

Intensive development of expressive and receptive skills, vocabulary, and sensitivity to deaf culture, and study of the history and social environment of the deaf community. Course Type(s): Arts/Language, Addl Humanities.

**ML-251. Romance Language Synthesis I. 6.00 Credits.**

Comparative, simultaneous study of French, Italian, and Spanish, providing intensive practice in pronunciation, understanding, speaking, reading and writing each language.

**ML-252. Romance - Language Synthesis II. 6.00 Credits.**

Continued study of the grammar, vocabulary, and syntax of French, Italian, and Spanish, as studied and spoken simultaneously. Prerequisites: ML-251 OR INSTRUCTOR'S PERMISSION.

**ML-258. The Baroque Aesthetic. 3.00 Credits.**

Literature from the Age of Versailles, monarchy, and the Counter Reformation. Excerpts from French, Spanish, and Italian literary works of the Baroque. Course Type(s): Arts/Language, Addl Humanities.

**ML-315. Art & Language of Business & Power. 3.00 Credits.**

Study of the art and language of business and power, and the secrets of leadership and success, as proposed by Ignatius Loyola, Sun Tzu, and Machiavelli Course Type(s): Core curriculum course, Values, Senior Seminar.

**ML-376. Spain: Brink of New Worlds. 3.00 Credits.**

Students will study in Andalucía (southern Spain) for multiple weeks. The course will investigate three major, world-changing events that are connected to the Iberian peninsula: The fall of western Rome and the rise of Islam; the life and legacy of Columbus; and the Spanish Civil War as the beginnings of World War II. Ideally, your stay in Andalucía will start in late May and last 3 to 4 weeks.

**NC Courses****NC-491. Leadership. 0.00 Credits.**

All things must evolve over time to survive and prosper, that certainly applies to leadership theory. To compete in today's dynamic, complex, and global business environment, the command-and-control/top-down style of the past century has given way to a new set of traits that define successful leaders. This course will explore examples of those characteristics in the context of topics related to strategy, decision making, communications, and teamwork, as well as executive time management techniques.

**NC-492. Luxury Strategy. 0.00 Credits.**

Luxury is usually examined as a product, or good, or market to be tapped. But what is actually meant by "luxury?" What does "luxury" mean as a concept or idea? Can "luxury" also be a feeling, or relationship, or even an anxiety? As an ideal, "luxury" is in a constant state of change, shaped by ever-shifting cultures, politics, and value systems, revealing all kinds of hidden beliefs and hopes as it seeks to elevate and distinguish common needs and experiences. This class will investigate the idea of luxury from a variety of standpoints such as: religious, anthropological, artistic, culinary, environmental, hospitality, media, and personal. Much of the class will be experiential with field trips, so wear good walking shoes.

**NC-493. Media Strategy. 0.00 Credits.**

In this course, students will gain an understanding of the American media industry with a focus on popular media's influence on consumer behavior. Students will learn key strategies for how to use media to deliver on user engagement as well as support business goals, and will devise plans for marketing brands in digital and social spaces. Lastly, in line with industry projections, students will address the challenges and future of influencer marketing.

**NC-494. Data Visualization. 0.00 Credits.**

This unit explores the vital role of data visualization in luxury marketing, focusing on how brands can transform complex data into intuitive visuals to gain insights into customer behavior and preferences. Participants will learn to use tools like interactive dashboards and heatmaps to identify trends, optimize marketing strategies, and create personalized customer experiences, ultimately enhancing decision-making and fostering deeper customer engagement.

**NS Courses****NS-295. Credited Internships. 3.00 Credits.****NS-320. Ethics&Responsibility in STEM Disciplin. 3.00 Credits.**

This course is an introduction to the ethical issues faced by researchers in Science, Technology, Engineering, and Mathematics. When faced with monetary, societal, political, environmental, and personal pressures, what choices should a researcher make? In this course we will examine choices made by actual STEM practitioners and consider the ethical issues involved. Ethical issues may include but are not limited to publication standards, intellectual property rights, whistleblowing, conflicts of interest, human and animal subjects, robots, diversity, and societal and environmental impacts. Historical cases may include but are not limited to cold fusion, HIV, the Challenger explosion, the Stanford prison experiment, and the Algebra Project. Prerequisites: 4 GROUPS; # CM-115 CM-117 OR CM-120; # COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; # BI-183 CH-131 PC-185 OR PS-151; # MA-123 MA-133 MA-143 MA-273 CS-180 IS-180 OR CS-231; OR INSTRUCTOR PERMISSION Course Type(s): Values, Writing Intensive.

**NS-365. Science Teaching and Communication. 3.00 Credits.**

In this course students perform a deep analysis of a socioscientific issue and develop a pedagogical/communication plan that encourages engagement and scaffolds constructive socioscientific reasoning. Course Type(s): Pluralism.

## NU Courses

### **NU-202. Theoretical Bases of Professional Nursing. 3.00 Credits.**

The evolution of professional nursing is explored and the development of professional identity is facilitated by the introduction of values inherent to the discipline of nursing including social justice. Nursing theory, as well as other selected theories and concepts, are examined including: health belief model, teaching/learning theory, culture/global health, evidence-based practice and the nursing process. Additional course fees. Prerequisites: BI-171, BI-172, ADMISSION TO NURSING MAJOR.

### **NU-202L. Theoretical Bases Prof Nursing Lab. 0.00 Credits.**

Lab paired with lecture on: the evolution of professional nursing is explored and the development of professional identity is facilitated by the introduction of values inherent to the discipline of nursing including social justice. Nursing theory, as well as other selected theories and concepts, are examined including: health belief model, teaching/learning theory, culture/global health, evidence-based practice and the nursing process. Prerequisites: BI-171 BI-172 PS-151; Course Type(s): Lab Courses.

### **NU-204. Nutrition and Health. 3.00 Credits.**

This course focuses on the role of nutrition in health and healing. The study of essential nutrients and their function is emphasized. Meeting dietary requirements across the life span is explored. The impact of pluralistic and public health factors on dietary practices is discussed. Additional course fees.

### **NU-210. Pharmacology for Prof. Nursing Practice. 3.00 Credits.**

The focus of this course is on pharmacological therapy, major drug classifications, including prototypes, are addressed for each of the body systems. Nursing implications of safe drug administration as well as the pluralistic factors affecting medication therapy are stressed. Additional course fees. Course Type(s): Senior Seminar.

### **NU-215. Medical Dosage Calculations. 3.00 Credits.**

This course provides an introduction to medical dosing for Registered Nurses. The mathematical calculations that are utilized by Registered Nurses in patient care scenarios will be examined in depth.

### **NU-250. Clinical Bases of Professional Nursing. 5.00 Credits.**

Basic interpersonal and technical nursing skills utilized to provide care for well and ill individuals are introduced. Knowledge and skills required to assess, prioritize, plan, implement and evaluate health care are emphasized. Concepts related to nutrition and medication therapy are applied. Pluralistic as well as legal and ethical issues related to quality care are stressed. College laboratory and clinical experiences in selected health care settings. Additional course fees. Course Type(s): Senior Seminar.

### **NU-250L. Clinical Bases Lab. 0.00 Credits.**

Clinical Bases Lab Prerequisites: NU-250 Course Type(s): Lab Courses.

### **NU-295. Credited Internships. 3.00 Credits.**

### **NU-302. Seminar in Professional Nursing. 2.00 Credits.**

The course is designed to examine the evolution of professional nursing through a synthesis of the social, cultural, philosophical, historical and theoretical influences. The development of a professional identity is facilitated by encouraging students to derive meaning from the core values central to the nature of nursing. Course Type(s): Senior Seminar.

### **NU-303. Seminar in APA Writing for Hlth Science. 2.00 Credits.**

A course to help the RN-BSN student learn APA writing style required for nursing and other health sciences. Course Type(s): Senior Seminar.

### **NU-304. Pathophysiology. 3.00 Credits.**

This course uses a systems approach to examine the human response patterns to health and illness. Physiological processes and pathological changes are explored in depth. Additional course fees.

### **NU-308. Health Assessment. 3.00 Credits.**

The major focus of this course is on a holistic approach to health appraisal of the individual client. The nursing process, with an emphasis on assessment and planning is analyzed and applied in dealing with individuals in the college laboratory. Concepts related to health promotion, risk identification and client education are stressed. Additional course fees.

### **NU-308L. Health Assessment Lab. 0.00 Credits.**

Health Assessment Lab Prerequisites: NU-308 Course Type(s): Lab Courses.



**NU-310. Health Assessment. 4.00 Credits.**

Major focus is on a holistic approach to health appraisal of the individual client across the life span. The nursing process, with an emphasis on assessment and planning is analyzed and applied in dealing with individuals in the college laboratory. Concepts related to health promotion, risk identification and client education are stressed. Additional course fee of \$100.

**NU-312. Nursing Care for Adults and Aging I. 5.00 Credits.**

Application of the nursing process in caring for adults and older clients with chronic health care needs. Normal aging and adaptations in self-care needed as a result of age related changes will be discussed. Pluralistic factors including nutrition and medication therapy are integrated. Legal and ethical issues are applied. College laboratory and clinical experiences in selected health care settings. Additional course fees. Prerequisites: NU-308 AND NU-312L.

**NU-312L. Nursing Care Adults & Aging Lab. 0.00 Credits.**

Nursing Care Adults & Aging Lab Prerequisites: NU-312 Course Type(s): Lab Courses.

**NU-315. Nursing Care for Adults and Aging II. 5.00 Credits.**

A continuation of the Nursing Care of Adults and Aging, I, this course builds and expands the knowledge and skill base related to caring for adults and older clients with acute and chronic health needs. Pathologic conditions associated with aging are discussed. Pluralistic factors including nutrition and medication therapy are integrated. Legal and ethical issues are applied. Clinical experiences in selected health care settings. Additional course fees. Prerequisites: NU-312.

**NU-315L. Nursing Care for Adults and Aging II Lab. 0.00 Credits.**

Laboratory for Nursing Care for Adults and Aging II, NU-315 Clinical experiences in selected health care settings. Prerequisites: NU-315 Course Type(s): Lab Courses.

**NU-325. Nursing Care of Child-Bearing Families. 5.00 Credits.**

The use of the nursing process to provide care for child-bearing families is examined. Nursing care of clients during pregnancy, childbirth, the postpartum and newborn periods is stressed. Pluralistic factors as well as nutrition and medication therapy are integrated. Strategies to promote health and care for clients with physiological and psychological alterations are discussed. Normal family functioning and the impact of pregnancy on the family is considered. College laboratory and clinical experiences in selected health care settings. Additional course fees. Prerequisites: NU-308 NU-312.

**NU-325L. Nursing Care of Child-Bearing Families. 0.00 Credits.**

Laboratory for Nursing Care of Child-Bearing Families, NU-325 Clinical experiences in selected health care settings. Prerequisites: NU-325 Course Type(s): Lab Courses.

**NU-330. Care of Families & Aggregates. 4.00 Credits.**

Major focus is on primary and tertiary prevention within a social systems framework. Creative application of nursing process to families and groups utilizing family systems theory and group dynamics. Additional course fee.

**NU-350. Trends and Issues in Nursing. 2.00 Credits.**

Current status of professional nursing. Political, economic and social trends affecting nursing and the health care system are analyzed. Issues in professional practice and education are explored. Prerequisites: NU-302.

**NU-360. Computer App in Nursing & Health Care. 2.00 Credits.**

The application of computer technology to patient care, nursing practice, research, education and management is explored. Health care information management systems are introduced.

**NU-390. Intro to Nursing Research. 3.00 Credits.**

Understanding of the research process and critique of research studies. The relevance of nursing research findings for the provision of patient care is discussed. Students develop a research paper through an interactive process with faculty and peers. Course Type(s): Senior Seminar.

**NU-399. Independent Study. 2.00 Credits.****NU-404. Psychiatric-Mental Health Nursing. 5.00 Credits.**

This course focuses on the use of the nursing process to provide care for individuals, families and aggregates with alterations in mental health. Pluralistic factors as well as medication therapy are integrated. Strategies to promote mental-health are discussed. Nursing care of clients with acute and chronic alterations in psychological functioning are stressed. Clinical experiences are provided in psychiatric-mental health agencies in selected health care and community settings. Additional course fees.

**NU-404L. Psychiatric-Mental Health Lab. 0.00 Credits.**

Psychiatric-Mental Health Lab Prerequisites: NU-404 Course Type(s): Lab Courses.

**NU-414. Nursing Care of Children and Adolescents. 5.00 Credits.**

The nursing process is used as a framework to provide care for children and adolescents with physical and psychological alterations in health. Pluralistic factors including nutrition and medication therapy are integrated. Strategies to promote health as well as developmental needs and problems are discussed. Normal family functioning and the impact of illness on the family are explored. College laboratory and clinical experiences in selected health care settings. Additional course fees.

**NU-414L. Nursing Care Child& Adlnt Lab. 0.00 Credits.**

Nursing Care Child& Adlnt Lab Prerequisites: NU-414 Course Type(s): Lab Courses.

**NU-416. Social Justice Ethics and Health Care. 3.00 Credits.**

Political, economic and social justice issues affecting patient care and the health care system are examined. Accessibility and affordability of health care services including the needs of vulnerable populations are explored. Strategies to promote social justice and ethical behavior within the health care system are stressed. Values course. Prerequisites: NU-390; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**NU-420. Community Health Nursing. 4.00 Credits.**

Community health nursing emphasizes community as client. The nursing process is applied in dealing with groups, aggregates and community. Nursing care of individuals in community settings is also examined. Additional course fees. Course Type(s): Capstone, Writing Intensive.

**NU-420L. Community Health Nursing Lab. 0.00 Credits.**

Community Health Nursing Lab Prerequisites: NU-420 Course Type(s): Lab Courses.

**NU-430. Nursing Care of Adults and Aging III. 4.00 Credits.**

Culmination of the courses Adults and Aging I and II, this course builds and expands the knowledge and skill base related to caring for adults and older clients with complex acute and chronic conditions and rehabilitative health care needs. High risk populations such as those with multiple illnesses will be address. Pathologic conditions associated with aging are discussed. Pluralistic factors, including nutrition and medication therapy are integrated. An opportunity for students to function with increased independence as well as to organize, delegate, supervise and evaluate care. Clinical experiences in selected health care settings. Additional course fees. Prerequisites: NU-315.

**NU-430L. Nurs Care Adults& Aging Lab. 0.00 Credits.**

Nurs Care Adults& Aging Lab Prerequisites: NU-430 Course Type(s): Lab Courses.

**NU-440. Leadership and Management in Nursing. 4.00 Credits.**

The major focus is on leadership and change in nursing practice within the health care delivery system, utilizing the nursing process as a framework. Additional course fee.

**NU-445. Leadership and Trends in Nursing. 3.00 Credits.**

The major focus in this course is on leadership and change in nursing practice within the health care system. Utilization of the nursing process as a framework for action is stressed. Selected concepts related to management including, types of power, delegation, motivation are discussed. Trends and issues affecting nursing and the health care system are also explored. Prerequisites: NU-315, NU-390, NU-414.

**NU-450. Nurse/Client Educator. 2.00 Credits.**

A multifaceted approach to client/peer education. Emphasis on teaching/ learning concepts. The role of education as a strategy in health promotion.

**NU-452. Women's Health Issues. 3.00 Credits.**

Exploration of health issues affecting women from historical, political and pluralistic perspectives. The students' role as health care advocate is stressed.

**NU-470. Dimensions of Professional Nursing. 4.00 Credits.**

The emphasis of this course is on the professional role of nursing with a focus on leadership and community health practice. The concepts of professionalism, nursing process and pluralism are explained. Leadership theory and the health care system are analyzed. Community health nursing is examined and the principles of health promotion and client education are integrated into the conduction of a community project. Pre-Req: Admission to RN-MSN Program.

**NU-495. Special Projects in Nursing Rn-Bsn. 1.00 Credit.**

This is a one credit elective in which students may choose a topic of interest and complete a scholarly paper guided by the faculty. Students may choose to expand upon a topic they have already been exposed to or develop a new topic of interest. The student will document progress on the project through weekly submissions corresponding to specific content required for the summative learning outcome of the course, the final scholarly paper.

**PC Courses****PC-110. Science Goes to the Movies. 3.00 Credits.**

This course considers the evolution of the science behind the movies - the technical advances that have made modern movie making possible and how the treatment of science, scientific discovery and inventions have evolved particular movie genres. Lectures and movie clips will be used to illustrate the above. Course Type(s): Natural Science, STEM.

**PC-130. Technology in the 21st Century. 3.00 Credits.**

This course will discuss the history, development and scientific breakthroughs that have led to the amazing devices and technologies available to humans today. Particular attention to the people, time and places involved in the development of inventions like TV, radio, computers, phones, transmission of electric power, movies, and some of the many advances in genetics and medicine. Course Type(s): Natural Science, STEM.

**PC-140. How Stuff Works. 3.00 Credits.**

This course will illustrate how the many devices we use in everyday life were invented and how they work. Devices like the radio, TV, microwave, smart phones, computers, etc. will be used as examples. Course Type(s): Natural Science, STEM.

**PC-150. The Gene - Mystery of Inheritance. 3.00 Credits.**

A Historical and Scientific Journey into the Mystery of Inheritance: In the past 150 years, the concept of the Gene - the molecular particle that contains the information of inheritance - has enriched human understanding of genetics. We now have the tools to control some aspects of genetics and even alter our own evolution. This course will explore this scientific journey - using the contributions of the many scientists who have written a story that is changing living history itself. Course Type(s): Natural Science, STEM.

**PC-185. General Physics I. 3.00 Credits.**

Classical mechanics. Prerequisites: MA-124 MA-144 OR MA-133; Course Type(s): Natural Science, STEM.

**PC-186. General Physics II. 3.00 Credits.**

Electromagnetism. Optics. Atomic and nuclear physics. Prerequisites: PC-185 MA-124 MA-144 OR MA-133; Course Type(s): Natural Science, STEM.

**PC-187. General Physics Laboratory I. 1.00 Credit.**

A laboratory course to accompany Pc185. Lab course fee of \$100. Prerequisites: MA-124 MA-144 OR MA-133 Course Type(s): Lab Courses.

**PC-188. General Physics Laboratory II. 1.00 Credit.**

A laboratory course to accompany Pc186. Lab course fee of \$100. Prerequisites: PC-187 MA-124 MA-144 OR MA-133; Course Type(s): Lab Courses.

**PC-190. Applied Electronics. 3.00 Credits.**

DC and AC circuits, semiconductor devices, operational amplifiers, digital logic, and digital computer fundamentals. Prerequisites: PC-191.

**PC-191. Applied Electronics Laboratory. 1.00 Credit.**

A laboratory course to accompany PC190. Lab course fee of \$100. Prerequisites: PC-190.

**PC-210. LabVIEW Measurement & Automation. 3.00 Credits.**

Introduction to National Instruments LabVIEW program and its interaction with various instruments, measurements and automation.

**PC-295. Credited Internships. 3.00 Credits.**

Co-operative work experience. Course Type(s): Independent Study.

**PC-300. Math Methods in Physics. 3.00 Credits.**

This one semester course offers a comprehensive introduction to a variety of mathematical subjects used in the areas of physics with application to specific problems. Topics covered include: Vector and Tensor Analysis, Functions of a complex Variable and Calculus of Residues, Strum-Liouville Theory, Introduction to Special Functions and Fourier Series. Prerequisites: PC-186 MA-144.

**PC-331. Electronics. 4.00 Credits.**

Circuit principles, diodes and rectifiers, filters transistors as amplifiers and switches, operational amplifiers with applications, oscillators. Lecture and laboratory. Lab course fee of \$100. Prerequisites: PC-185 PC-186 PC-187 PC-188.

**PC-331L. Electronics Lab. 0.00 Credits.**

Laboratory for PC-331 Electronics. Prerequisites: PC-331; Course Type(s): Lab Courses.

**PC-337. Modern Physics. 4.00 Credits.**

The special theory of relativity, quantum phenomena, atomic and nuclear structure, molecular spectra, radio activity, fission and fusion, elementary particles. Lecture and Laboratory. Lab course fee of \$100. Prerequisites: PC-186.

**PC-337L. Modern Physics Laboratory. 0.00 Credits.**

A laboratory course run in conjunction with Pc337. Course Type(s): Lab Courses.

**PC-344. Optics. 4.00 Credits.**

Geometrical optics, wave nature of light, interference, diffraction, polarization, selected topics in quantum optics. Lecture and laboratory. Lab course fee of \$100. Prerequisites: PC-185 PC-186 OR PC-190.

**PC-350. Photonics. 3.00 Credits.**

Wave-particle duality of light, fiber optics, interferometers, imaging systems, optical spectroscopy, polarization devices, LEDs and Lasers, optical detectors. Prerequisites: PC-185 PC-188.

**PC-355. Thermodynamics & Stat Mechanics. 3.00 Credits.**

Heat and heat transfer, thermal behavior of gases, the laws of thermodynamics, entropy and enthalpy, partition functions, and engineering applications. Prerequisites: PC-185 PC-186.

**PC-370. Mechanics. 3.00 Credits.**

Statics and dynamics of particles and rigid bodies. Theory of small vibrations. Gravitation, moving frames of reference. Relativistic dynamics. Prerequisites: PC-185 PC-186.

**PC-374. Electricity and Magnetism I. 3.00 Credits.**

Electrostatics in free space and in the presence of dielectrics and conductors. Magnetostatics. Electromagnetic induction. The Maxwell equations. Prerequisites: PC-186.

**PC-380. Intro to Quantum Mechanics. 3.00 Credits.**

Mathematical foundation of quantum mechanics. Schrodinger's equation with applications. The one-electron atom. Selected topics in atomic and nuclear physics. Prerequisites: PC-186.

**PC-390. Independent Study in Physics. 1.00 Credit.**

This course provides the opportunity for individual work on an assigned research problem. Prerequisites: PC-185 PC-186 MA-274; Course Type(s): Capstone, Writing Intensive.

**PE Courses****PE-103. Prin & Found of Phys Education. 3.00 Credits.**

An examination of the historical and philosophical development of physical education from ancient times to the present. To acquaint the student with physical education as a profession. Course Type(s): Pluralism.

**PE-150. Physiology of Exercise and Healthy Aging. 3.00 Credits.**

The investigation of the physiological age-related changes that occur in the later stages of life with a special emphasis on the necessary adaptations to exercise and nutrition.

**PE-200. Adapt Phys Ed for Special Needs Students. 3.00 Credits.**

This course will provide an overview of adaptive physical education including an expanded definition, historical background, classifications and IEP development, assessment practices and teaching and instructional strategies for the special needs students.

**PE-202. Fundamentals of Coaching. 3.00 Credits.**

An overview of current coaching theory and practice with a special emphasis on the scientific literature depicting best practices and professionalism. In addition, course content will include pedagogy, ethics, the physiological and psychological aspects of athlete development and approaches to teaching technical and tactical skills. This course includes field experience and active learning modules.

**PE-240. Teaching of Skills Activities I. 3.00 Credits.**

A study of the basic principles, content, organization and curriculum for individual, dual and team activities for elementary school students. Includes methods and teaching strategies, program evaluation and peer teaching. Variable sport activities.

**PE-241. Teaching of Skills Activities II. 3.00 Credits.**

A study of basic principles, content, organization & curriculum for individual, dual & team activities for middle school and high school students. Includes methods and teaching strategies, program evaluation and peer teaching. Variable sports activities.

**PE-250. Sport Communication. 3.00 Credits.**

Media and public relations strategies in the sports industry are reviewed. Exposure to the use of web publications/multimedia and development. Prerequisites: SM-228.

**PE-255. Fitness and Wellness. 3.00 Credits.**

This course helps students adopt and maintain behavior associated with an active and healthy lifestyle. Through lecture and exercise, students will learn behavioral patterns consistent with current knowledge in fitness and wellness. Course Type(s): Mission Seminar.

**PE-295. Credited Internships. 3.00 Credits.**

Co-operative education experience. Course Type(s): Independent Study.

**PE-301. Technology in Health and Fitness. 3.00 Credits.**

This class is a comprehensive introduction to technology in the physical education classroom, and health and fitness and sport-oriented facilities. It explores developmentally appropriate usage of educational technology in the home, school, and workplace as it relates to the development and maintenance of optimal health and fitness. Emphasis is on computer and Internet technologies. The course includes hands-on computer techniques, critical analysis of National Technology Standards, practical experience with curriculum design, and technology-driven exercise prescription.

**PE-310. Kinesiology. 3.00 Credits.**

Application of facts and principles of anatomy and mechanics to the study of human motion, including the systematic approach to the analysis of motor skill activities.

**PE-311. Biomechanics. 3.00 Credits.**

The study of the laws of mechanics as they relate to physical movement, skill development, and athletic performance. Special attention is paid to the muscular, joint, and skeletal actions of the body and how they may impact performance.

**PE-350. Sport Facility Operation & Event Mgmt. 3.00 Credits.**

Planning, Organization and Operation of Sport Facilities and management of events.

**PE-352. Exercise Physiology I. 3.00 Credits.**

A study of the physiological effects of movement on the human body and the relationship existing among muscular, respiratory, circulatory and nervous systems.

**PE-353. Exercise Physiology II. 3.00 Credits.**

The continued study of the physiological effects of movement on the human body and the relationships existing among muscular, respiratory, circulatory and nervous systems. Prerequisites: BI-172 Course Type(s): Capstone, Writing Intensive.

**PE-360. Sports Medicine. 3.00 Credits.**

To teach students the basis of being a certified athletic trainer and includes injury recognition, prevention, evaluation, treatment, rehabilitation and administration of athletic injuries.

**PE-410. Legal & Ethical Issues in Sports. 3.00 Credits.**

A hybrid values course that includes topics in policy development, labor movement in sports, collective bargaining in sports organizations, ethical dilemmas and implications. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.



**PE-450. The Global Sports Industry. 3.00 Credits.**

The history and issues in sports from a global perspective. A pluralistic lens is used to explore the relationship of gender, culture, and social institutions on sports.

**PE-498. Internship in HEPE. 3.00 Credits.**

Field work experience in the areas of Sports Management and/or Health and Physical Education. Course Type(s): Senior Seminar.

**PE-499. Internship. 3.00 Credits.**

Field work experience in the areas of Sports Management and/or Health & Physical Education. Course Type(s): Senior Seminar.

**PL Courses****PL-130. Introduction to Philosophy. 3.00 Credits.**

This course is an introduction to philosophy. The course will cover major areas of philosophical concern, including an analytical and historical introduction to logic, epistemology, metaphysics, philosophical anthropology, and philosophy of God. Many of the perennial problems of philosophy such as the nature of knowledge and reality, the mind-body problem, free will vs determinism, reason vs faith, as well as an introduction to major philosophers in the tradition, including, but not limited to, Plato, Aristotle, Aquinas, Descartes, and Hume, will be covered.

**PL-140. Introduction to Ethics. 3.00 Credits.**

This course is an introduction to moral philosophy, including Natural Law ethics, Kantian deontology, Utilitarian consequentialism, virtue-based ethics, and modern rights theory. These normative theories will be applied to select moral issues, which may include sexual morality, abortion, euthanasia, capital punishment, economic justice, discrimination, just war theories, and/or animal rights.

**PL-151. Contemporary Ethical Issues. 3.00 Credits.**

A philosophical examination of contemporary moral issues, which may include sexual morality, abortion, euthanasia, capital punishment, economic justice, discrimination, just war theories, and/or animal rights. Values course.

Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-153. Logic. 3.00 Credits.**

An examination of the basic principles of human reasoning, with emphasis on traditional logic and critical thinking.

Prerequisites: PL-130 PL-140.

**PL-200. Rhetoric Speech and Argument; Rhetoric Speech and Argument. 3.00 Credits.**

This course studies and practices the art and process of persuasion. Students will learn to develop good arguments, identify fallacies, present a position in a convincing manner, and develop ethos or ethical appeal. Prerequisites:

COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Oral Communications.

**PL-201. Philosophy of Science. 3.00 Credits.**

This course addresses some fundamental questions about the nature and development of scientific knowledge.

What is science and does it work? What kind of knowledge does it provide? Is there a scientific method? How do experiments provide evidence for theories? What is the nature of scientific explanation? What does science value, and how should we interpret what it values? How does the social organization of science contribute, if at all, to its success? Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-213. 19th Century Philosophy. 3.00 Credits.**

Nineteenth century thinkers like Hegel, Kierkegaard, Marx, Mill, and Nietzsche explored human existence, freedom, and values, as they are shaped in history and within the spheres of ethical life, social life, religion, art, economics, and politics. Key topics and themes in this radical era of philosophy include the interpretation of modernity, liberalism, utilitarianism, and existentialism. We will also examine the influence of these thinkers and their views on contemporary culture and philosophy. Prerequisites: PL-130 OR PL-140; Course Type(s): Values.

**PL-241. Environmental and Climate Change Ethics. 3.00 Credits.**

Basic theories of environmental and climate change ethics and philosophy are examined with contemporary issues and problems involving the environment and climate change. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-247. Philosophy of Law. 3.00 Credits.**

A philosophical investigation of both analytic and normative jurisprudence. An examination of the debate between "higher law" theory and legal positivism, the nature of law and morals, theories of rights, constitutionalism, crime and punishment, law and economics. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-252. Justice and Human Rights. 3.00 Credits.**

A philosophical investigation of what constitutes a fair distribution of benefits and burdens, rights and duties, within a truly just society. Discussion of historical and contemporary theories of justice and individual rights, including Rawls and Nozick. Values course. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-253. Business Ethics. 3.00 Credits.**

An examination of contemporary moral issues in business, including the nature of economic justice, the rights and duties of economic agents, and the nature of a just society. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-254. Contemporary Issues in Bioethics. 3.00 Credits.**

An examination of contemporary issues in biomedical ethics, including abortion, euthanasia, the doctor-patient relationship, confidentiality, truth-telling, genetics, cloning, reproductive technologies, the just allocation of scarce medical resources. Values course. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-256. Food Ethics and Justice. 3.00 Credits.**

An examination of the ethical and moral issues pertaining to food production, distribution, consumption, and justice as it relates to the human right to food. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-258. Criminal Justice Ethics. 3.00 Credits.**

The course examines the justice system from the ethical point of view: the human treatment of human beings. It is concerned with such matters as police procedures, the conduct of trials, operations of correctional institutions, and how they might justly achieve their ends. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-259. Technology Society and Values. 3.00 Credits.**

This course is a study of ethical considerations related to technology and its impact on society. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-260. Digital & AI Ethics. 3.00 Credits.**

This course surveys issues and problems in digital technology and computer ethics and in AI ethics, with reference also to a number of main ethical theories in Western ethics and to classic and contemporary critiques of technology. Ethical issues involving data privacy, digital surveillance, and the rapid development of generative AI are among the topics covered in the course. While the course primarily involves ethical issues connected to digital technology and AI, deeper questions may also be addressed in certain parts of the course, such as those involving AI and consciousness. As well, the course will cover a range of economic and social disruptions, issues, and questions that often come with the growth in digital and AI technology, and that typically also require ethically sound solutions. These include (but are not limited to): the meaning of 'work' and how we interpret it, potential loss of jobs, power grid issues, and supply chain issues. Prerequisites: PL-130 OR PL-140 Course Type(s): Values.

**PL-301. Latinx Philosophy. 3.00 Credits.**

This course aims to offer an overview of Latinx Philosophy. In light of this, we will be concerned throughout the course with discussing a number of central questions regarding the nature, the history and the scope of Latin American Philosophy as well as some of the central issues, values, and problems addressed by Latin American philosophers. In particular, we will address during the course the following questions: What is Latin American philosophy? Can Pre-Columbian ways of thinking be categorized as philosophy? Is Post-Columbian Latinx Philosophy just an off-shoot or reflection of Western Philosophy or is it an original form of thinking? Can we meaningfully talk of Latinx Philosophy given the huge ethnic and national diversity as well the widespread social and economic disparities that Latin America exhibits? How have events such as the Spanish Conquest or the Independence wars influenced philosophical thinking in Latin America? What views do Latinx philosophers have on feminism and women's rights? Is there such a thing as a Latinx identity? What role should philosophy have according to Latinx philosophers in the struggles for liberation? Prerequisites: PL-130 OR PL-140; Course Type(s): Pluralism.

**PL-306. Existentialism: Dostoevsky to Sartre. 3.00 Credits.**

A study of the philosophy of Existentialism. Existential values as mirrored in selected texts, including Kierkegaard, Nietzsche, Kafka, Jaspers, and Camus. Values course Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-311. Philosophy and Bob Dylan. 3.00 Credits.**

An investigation of the philosophical, ethical and cultural themes in Bob Dylan's lyrics. Philosophical ideas such as appearance versus reality, truth and knowledge, and good and evil will be explored through a comprehensive study of Dylan's music. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-320. Asian Philosophy. 3.00 Credits.**

An examination of the philosophies of India and China, including a text-based study of the Upanishads, the philosophy of Yoga, Buddhism, Confucianism and Taoism. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism.

**PL-329. Art Music and Human Values. 3.00 Credits.**

An exploration of the fundamental topics of aesthetics. Questions to be studied include, What is art? What is beauty? What is the intersection between art and morality. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-342. Philosophy of Race and Gender. 3.00 Credits.**

A study of the philosophical theories pertaining to race and gender. Prerequisites: PL-130 OR PL-140.

**PL-353. Philosophy of Mind. 3.00 Credits.**

This course examines mind and consciousness, with key topics including the mind/brain problem and dualism, AI, intentionality, free will, the soul and its possible immortality, normativity, issues in philosophy of language, and personal identity. The course also covers materialism, behaviorism, identity theory, functionalism, and related areas. Course content focuses on contemporary and 20th century positions, applications, and issues in philosophy of mind. It also treats the connections that relate contemporary philosophy of mind to other fields. Values course. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-360. Ethics of War and Peace. 3.00 Credits.**

This course will examine the ethics of waging war and peace - building from a variety of religious and philosophical perspectives. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-390. Special Projects Philosophy. 3.00 Credits.**

Able students and willing teachers may design special courses or other projects for credit in philosophy. Proposals are to be submitted, for review, through the chairperson of the Philosophy Department. Credit is also available to students who wish to enroll in the Cooperative Education Program. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-393. Modern Moral Theory. 3.00 Credits.**

A study of the moral theory and philosophical principles found in the works of Hobbes, Locke, Mill, Bentham and others. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-425. Symbolic/Mathematical Logic. 3.00 Credits.**

A systematic investigation of mathematical and logical structures. The primary areas of study are the logic of connectives, the logic of quantifiers, and key issues in metalogic. Prerequisites: PL-130 OR PL-140.

**PL-448. Plato's Dialogues. 3.00 Credits.**

Through close study of selected longer dialogues, students will examine Plato's philosophical world-view, including the theory of value and meaning he conveys in his writings as a way of further exploring moral theory. Values course. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-450. Plato's Republic. 3.00 Credits.**

An in-depth study of Plato's "Republic", focusing on the nature of the human soul, the good life for us, the education that best promotes the good life. The role of virtues, and the metaphysics & epistemology that underlies those answers. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**PL-490. Capstone: Ethical Leadership. 3.00 Credits.**

An examination of the moral foundations and ethical considerations of leadership. Key questions to be explored include: What is leadership? What are the ethical consequences of poor leadership? How should ethical leadership be cultivated? Prerequisites: PL-130 OR PL-140; Course Type(s): Capstone.

**PL-495. Exploring Philosophy Overseas. 3.00 Credits.**

This course explores various philosophical concepts as they relate to foreign intellectual traditions and cultures. Topics to be explored include the origin and/or development of philosophical ideas in other countries, the relationship of those ideas to past and contemporary philosophical traditions, and the role of culture in the development of philosophical ideas. Additional travel course fee of \$50. Prerequisites: PL-130 OR PL-140; Course Type(s): International (Travel).

**PO Courses****PO-100. Perspectives on Politics. 3.00 Credits.**

An introductory study of the political values, concepts and institutions that define and span the field political science in the areas of American politics, international affairs, comparative politics, and political theory.

**PO-137. Nonviolence Community Org. Social Move. 3.00 Credits.**

A study of violence and human nature the theory and practice of nonviolence, how conflicts - local and global - can be solved nonviolently and the lives of past and current peacemakers, including Gandhi, Martin Luther King, Dorothy Day and many others.

**PO-155. Politics of Climate Disruption. 3.00 Credits.**

This course will explore how environmental issues - such as climate change, resource extraction and energy use - are shaped by politics and political systems at the international, domestic and local levels. We will also examine the ways in which environmental issues have shaped politics - with concepts such as sustainable development and environmental justice - since the emergence of the environmental movement.

**PO-200. Research Methods and Social Impact. 3.00 Credits.**

This course will explore a range of social problems and movements while engaging with empirical research. These topics will cover an array of social issues, including police brutality, depression, misinformation, and bias. Students will learn how to move from theory to action on social challenges, studying the historical roots of movements while engaging with different research methodologies. Prerequisites: PO-100.

**PO-201. American Government. 3.00 Credits.**

An introductory study of the principles, institutions and power relationships of the American governmental system. Topics include the politics of the American Founding, the federal arrangement between the national and state governments, the operations of the Congress, the president, and the courts, and the roles of elections, political parties and interest groups.

**PO-207. The Mass Media and American Politics. 3.00 Credits.**

An in-depth study of the interactions between the American mass media and the U.S. political system, and how these two centers of power influence each other. Topics include media organization and ownership, the legal and political contours of press freedom, the norms and processes of news reporting, the relationships between the media and conduct of the U.S. elections, and the relationships between the media and the operations of the executive, legislative and judicial branches of the government.

**PO-210. Community Service-Based Approach to SJ. 3.00 Credits.**

This course introduces students to service-based methods of helping marginalized individuals and groups in local communities while exploring ways to promote justice and alter unjust social structures as a necessary component of community service. Students will identify and define those in need in the community, analyze existing methods for serving the marginalized, and explore ways of furthering service to address the core problems causing this need. The focus of this course study will be on the local level. The course will be viewed through the lens of the Universal Apostolic Preferences of the Society of Jesus and will guide the study.

**PO-215. United States Foreign Policy. 3.00 Credits.**

An examination of the principal historical influences and major institutions involved in the formulation and execution of foreign policy.

**PO-216. Urban Politics and Policy. 3.00 Credits.**

This course examines the political history peculiar to American cities and its impact. It analyzes the fiscal problems faced by many cities and recent efforts to improve urban life. It will also focus on cities's role in the American political structure, the political debates between reformers and the machine, and the role of race in urban politics. On issues of public policy, it will examine the urban-suburban divide, housing, transportation, urban planning, economic and community development, poverty, and education. It will end with a global comparison of cities.

**PO-230. Black American Politics. 3.00 Credits.**

This course will examine the political behavior of African Americans in the United States. Students will examine the relationship between African Americans and the American political system in order to gain a broader perspective of the American political process. Issues of leadership, representation and empowerment strategies will be addressed. We will consider various forms of participation as we attempt to assess Black political empowerment. We will consider the behavior of Blacks within political institutional settings and at various levels of government. We will also discuss issues such as Black political thought (conservatism, liberalism, and nationalism) and contemporary issues in African American politics.

**PO-250. Intro to Social Justice. 3.00 Credits.**

An examination of how racism, classism and sexism create barriers to the realization of a more equal and just society, with a particular focus on pressing current social justice issues - such as affordable housing, health care, immigration, the prison system, war and the environment - and the people that are working to build a better world. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism.

**PO-275. Intro to International Relations. 3.00 Credits.**

Examination of the system of nation states, blocs, and rivalries in the world order. Approaches to the explanation of power and security, the use of force and war and international social, economic, and environmental problems. Course Type(s): Senior Seminar.

**PO-276. Comparative Social Movements. 3.00 Credits.**

From Hong Kong to Chile, Wall Street to Plaza de Mayo, the last few years have demonstrated that the politics of protest and collective mobilization play an ever more relevant part in the contemporary dynamics of political resistance and social change. Through the comparative study of social movements around the globe, this course provides an overview of theoretical approaches and transdisciplinary insights into the study of collective action. Class discussions will go beyond stigmatized connections between social action and social unrest to explore topics such as performance and everyday resistance strategies, power and identity relations and other factors that allow for a critical perspective on the field.

**PO-285. United Nations Seminar. 3.00 Credits.**

An introduction to the purpose, establishment, and work of the United Nations through readings, lectures and hands-on experiences. Students will visit the United Nations, learn about the foreign service, participate in a college level Model United Nations conference, and take a leadership role in conducting the Saint Peter's University High School Model United Nations conference. Model UN fee of \$300 Course Type(s): Service Learning.

**PO-295. Credited Internships. 3.00 Credits.****PO-297. Fat Feminism and Comparative Politics. 3.00 Credits.**

A look at the American diet industry and medical institutions as they relate to the intersection of fat-phobia as anti blackness. A connection to how modern feminism has shaped the body positivity movement and the evolution of fat politics.

**PO-301. Ancient & Medieval Political Theory. 3.00 Credits.**

A survey of the classic works of political theory from its inception through the Middle Ages: Plato, Aristotle, Augustine and Aquinas.



**PO-308. Women and American Politics. 3.00 Credits.**

This course will analyze the participation of women in American political life; examine women's public roles and the effects of feminism in altering women's public roles in both historical and contemporary contexts; delve into women's participation in electoral politics; understand women's behavior and influence as public officials; and analyze the intersection of gender with other categories such as race/ethnicity and political party. We'll study the historic 2020 presidential election, the gender gap, and attitudes towards Vice President nominee Kamala Harris and other presidential/vice presidential candidates. This course is designed to introduce students to the study of gender and U.S. politics including the central questions, concepts, and debates in the field.

**PO-310. Feminist Political Theory. 3.00 Credits.**

Historical overview of feminist political activity in the United States and an analysis of feminist theory: liberal feminism, Marxist feminism, radical feminism, and post-modern feminism. Course Type(s): Pluralism.

**PO-312. The American Congress. 3.00 Credits.**

An in-depth examination of the organization and decision-making processes of the U.S. Congress, and the political considerations and forces that influence the work of members of Congress in both the Senate and House of Representatives. Topics include the legislative intentions and designs of the Founders, the representational and lawmaking functions of Congress, the norms, organization and processes of each chamber, the parameters of congressional elections, the roles of political parties and interest groups, and the relationships between Congress and the other two branches of government.

**PO-313. The American Presidency. 3.00 Credits.**

An in-depth study of the evolution of the presidency, and its modern functions, decision-making processes, and political influence over American governance. Topics include the contrasting and changing visions of the presidency, the presidential election process, the connections between the president and the public, the institutional organization and operations of the presidency, the relationships between the president and the other two branches of government, and the presidential role in national security and foreign affairs.

**PO-314. The American Judicial Process. 3.00 Credits.**

An in-depth examination of the roles, decision-making processes and organization of the state and federal courts, and the impact of the judiciary on American politics. Topics include the function of law, the roles of lawyers and judges, the formal and informal structures and operations of courts, and the elements, procedures and purposes of trials and appeals and of criminal and civil proceedings.

**PO-315. American Campaigns & Elections. 3.00 Credits.**

An in-depth exploration of the dynamics, challenges and political parameters of American elections. Topics include the evolving roles of political parties, consultants, interest groups and candidates, the structures and complexities of the primary and general election processes, the resources, organization and strategies of political campaigns, and the behavior of American voters.

**PO-316. Hip Hop and US Political Life. 3.00 Credits.**

An examination and discussion of Hip Hop's political origins and how the musical genre provides insight into the social and political climate of America.

**PO-319. Politics and Pandemics. 3.00 Credits.**

The COVID-19 pandemic sparked intense discussion about the political and economic factors and responses that have shaped this most recent iteration of a world pandemic. This course considers the political, economic, and climate change realities that have ushered forth the COVID-19 pandemic, as well as previous world vital catastrophes. Also, it looks at what these epidemics reveal about the injustices that permeate societies, and why marginalized communities, such as immigrants, communities of color, the elderly, and the economically impoverished disproportionately bear the brunt of the pandemic's brutal effects. Finally, and in the words of Arundhati Roy, how might we walk through the portal of the pandemic in a liberated way?.

**PO-321. New Jersey Local and State Government. 3.00 Credits.**

This course focuses on New Jersey local and state government; the interdependent role of governors, legislatures, and courts in policy-making and implementation.

**PO-322. Socialism and Social Movements; Socialism and Social Movements. 3.00 Credits.**

This course introduces the student to the "ABC's" of socialism, its thought and practice, and its various iterations. The class considers why more people see socialism as an alternative to capitalism and study the social movements that have striven to bring life to its theory and practice. The class also emphasizes practices of democracy, justice, diversity, and Green Socialism.

**PO-327. Environmental Politics and Policies. 3.00 Credits.**

This course explores the shifting political forces that determine environmental policies. Included is an examination of pressures, interest groups, and the media. Prerequisites: EV-100.

**PO-330. Politics of Migration and Mobility. 3.00 Credits.**

The course introduces students to key notions, norms, and narratives of human migration and mobility. By exploring the concepts and forms of spatial mobility in both domestic and international spheres, the course will further identify actors that shape and challenge existing policies, norms, and systems and address the differences between global South and global North perspectives. It will highlight, among other issues, the role of gender and racial perspectives in spatial mobility, the relevance of displacement and forced migration in the climate agenda, and the securitization of the current migration debate. A critical take on current global events will be used to illustrate academic texts and policies. Course materials will also include news articles, documentary films, and chronicles.

**PO-337. Non-Western Perspective to Int Relations. 3.00 Credits.**

This course will introduce the study of International Relations (IR) from post-colonial and decolonial perspectives. Course readings and discussions will examine biases and limitations of mainstream western-oriented perspectives on the field. While recognizing the varied scope of post-colonial and decolonial literature, course materials will explore "subaltern" frames of reference that cut across North-South divides, debate racialized and genderized assumptions about nationality and culture, and promote "counter-hegemonic" reflection on prevailing concepts, norms and institutions in IR.

**PO-350. Rent Control in Jersey City. 3.00 Credits.**

As rent prices increase in Jersey City, many activists and tenants are calling for both increased enforcement of existing rent control laws and new controls to be added to the existing laws. Such policies, however, are subject to vigorous debate. This course offers a hands-on examination of the existing policies in Jersey City and the larger policy debate about rent control through the following methods: 1) Student will design and implement a survey on existing policies for both landlords and tenants. 2) Students will collect and analyze data on the Jersey City housing market. 3) Students will compare and contrast rent control ordinances in municipalities across New Jersey. 4) Students will review the policy literature on rent control. Course Type(s): Service Learning.

**PO-365. Introduction to Security Studies. 3.00 Credits.**

What does it mean to talk about security in a globalized world? How do different concepts, discourses, and practices of security impact human lives, political rhetoric, public opinion, military action, and the current state of the international political order? This introductory course will critically review major IR theories and security frameworks, exploring different definitions of conflict, security, humanitarian action, terrorism, war, peace, and their significance in both historical and contemporary perspectives. Topics discussed will include diseases and migration as security issues, international crises, technologies of control and surveillance, the role of international institutions, and connections between security and power in international relations.

**PO-366. Civic Scholars Seminar. 1.00 Credit.**

This is a seminar that is coupled with an internship in a local or state government office. It is designed to help students make the most of their time as interns and introduce them to the local and state decision making processes in NJ. In addition to bi-weekly class meetings, students will meet with elected and appointed officials and professionals working in state and local government, and attend school board, council, commissioner, and state legislative meetings.

**PO-376. International Organizations. 3.00 Credits.**

Examination and discussion of international political and economic organizations including the United Nations, multinational corporations, the World Bank and regional organizations such as the European Union and producer cartels such as the Organization of Petroleum Exporting countries. Model UN fee of \$500. Prerequisites: PO-100.

**PO-380. Spatial Justice Cities and Resistance. 3.00 Credits.**

Spatial Justice is an invitation to discuss social justice by looking at places and spaces around us. How much does the design of our cities reflect and offer insights into social and economic inequalities? How do city spaces influence embodied aspects of our daily lives? How can structured or spontaneous acts of spatial resistance impact broader social dynamics? Through the comparative study of urban social dynamics around the world, this course will discuss the contradictory ways in which spaces are socially constructed, consider different urban experiences in relation to race, gender, class, and sexual orientation, investigate spacial resistance dynamics, and explore how those can be applied to the promotion of more just and inclusive social & spatial realities.

**PO-409. Constitutional Law & Governmental Powers. 3.00 Credits.**

An advanced and case law-focused seminar on the allocation of governmental powers under the U.S. Constitution. Topics are explored through the study of U.S. Supreme Court decisions and include an examination of the separate powers of the national legislative, executive and judicial branches, the checks and balances that channel their operations, the relationship between the national and state governments, and the extensive reach of the national Commerce Clause and Spending Clause powers.

**PO-414. Understanding Global Terrorism. 3.00 Credits.**

This course, drawing on comparative global and historical experiences, exposes the student to the various regional expressions of terrorism (Asia, Latin America, N. America, Europe). Political, economic, nationalist and religious forms of terrorism receive considerable scholarly attention in this course.

**PO-417. Constitutional Law & Civil Liberties. 3.00 Credits.**

An advanced and case law-focused seminar on human rights and civil liberties under the U.S. Constitution. Topics are explored through the study of U.S. Supreme Court decisions and include an examination of religious liberty, freedom of speech, freedom of the press, the right to privacy, and the rights of equality and freedom from discrimination.

**PO-422. Cmprtv Pol: Middle East & North Africa. 3.00 Credits.**

Regional and international dimensions of politics in the area. The formation of nation-states; nationalism; superpower rivalries; the Arab-Israel conflict and the Palestinian question, the politics of oil, energy, and development; Islamic revival; and prospects for stability, change and democracy.

**PO-424. Comparative Democratization. 3.00 Credits.**

This course reviews the vast literature concerned with the transition from authoritarianism to democracy in various parts of the world. The concepts of democracy and authoritarianism are thoroughly explored, followed with a comparative review of actual cases of democratic and authoritarian rule that include problems facing newly established democracies. Along with the historical development of democracy and its "requisites," the course then focuses on the "third wave" of democratization, with attention to cases in Southern Europe, South America, East and Central Europe, with secondary review of other cases in Asia or Africa.

**PO-477. International Law. 3.00 Credits.**

An introduction to the principles and norms of international law and how they regulate political and economic interactions at the global level. A case oriented emphasis on treaties, the law of war, and dispute settlement.

**PO-479. Internatn'l Political Economy. 3.00 Credits.**

An examination of the dynamics of wealth and power in the global system. Emphasis given to issues of trade, monetary relations and economic interdependence. Regulatory efforts at the national, regional and international levels are analyzed. Prerequisites: PO-100.

**PO-480. Development & Disaster Risk Reduction. 3.00 Credits.**

This course investigates the relationship between global development strategies and disaster risk, resiliency and preparedness in international and local perspective. Prerequisites: PO-100.

**PO-481. Immigration: Walls Or Welcome?. 3.00 Credits.**

This course focuses on past and present immigration policies in the U.S. as well as immigration activism. Course Type(s): Pluralism.

**PO-486. Seminar: Genocide. 3.00 Credits.**

After a thorough conceptualization of genocide, the course will examine case studies of modern genocide, ranging from the 20th and 21st centuries. Course Type(s): Pluralism.

**PO-488. Discovering Morocco. 3.00 Credits.**

Through this travel course, students will examine essential aspects of Morocco: culture, language (Moroccan Dialect or MSA), history, and politics. This unique experience is designed to build on students' learning and motivate them to be more globally engaged in ways that are relevant and meaningful. Students are responsible for completing reading and writing assignments prior to the trip, and ultimately writing a final paper and presentation based on their experience to assess the significance of field trips.

**PO-498. Political Poetry & Music. 3.00 Credits.**

This course considers the relationship between aesthetics and political philosophy. Political themes flowing through poetry and music, analyzed both in terms of their message and medium, use in political activism. Course Type(s): Pluralism.

**PO-499. Political Science Capstone. 3.00 Credits.**

Comprehensive oral exam of each sub-discipline in political science and general political science knowledge. Course Type(s): Capstone, Writing Intensive.

**PS Courses****PS-151. Introduction to Psychology. 3.00 Credits.**

Exploration of the methods and applications of psychology; introduction to research techniques, concepts, theories, and findings about normal and abnormal behavior. Course Type(s): STEM.

**PS-200. Statistics & Research Methods. 3.00 Credits.**

An introduction to descriptive and inferential statistics with emphasis on research methodology and applications in psychology. Prerequisites: PS-151 MINIMUM GRADE C. Course Type(s): Senior Seminar.

**PS-205. Experimental Psychology. 3.00 Credits.**

Examination and training in experimental methodology with a focus on the scientific method and empiricism. Topics include the philosophy of science, statistics, developing and testing hypotheses, control techniques, designs, and ethics. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-210. Advanced Stats & Computer Applications. 3.00 Credits.**

An overview of the ways in which computers are used in psychology. Topics include experimental data analysis using statistical packages such as SPSS, library research using PsycLIT, creating resumes, APA style, and PowerPoint presentations for conferences. Prerequisites: PS-200 MINIMUM GRADE C.

**PS-220. Social Psychology. 3.00 Credits.**

Study of the individual in the social environment examination of such topics as attitude formation and change, social influence, leadership and community, intergroup relations, aggression, and altruism. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-221. Introduction to Social Work. 3.00 Credits.**

This course explores a wide range of human problems, intervention strategies and professional practice choices from a generalist perspective. This course also focuses on the problem solving process for people who are oppressed, marginalized, and/or underserved.

**PS-222. Intro to Applied Behavior Analysis. 3.00 Credits.**

This course provides students with the necessary background for understanding the development of behaviorist theories and the further development of Behavior Analysis as a natural science. Students will explore characteristics of autism spectrum disorders and Applied Behavior Analysis (ABA) as an effective treatment. In this course students will be introduced to the basic principles and key concepts of ABA and its practical applications. Students will explore controversies and develop research-based conclusions regarding behavioral interventions.

**PS-223. Social Work Practice I. 3.00 Credits.**

This course introduces the social work competencies and the problem solving model as conceptual frameworks, emphasizing the initial steps of problem and goal identification, data collection and preliminary contracting as applied to client systems of different sizes. It engages students in discussion of their observation and application of these processes in their practice assignments. Consistent with the fundamental commitment of the profession of social work to social and economic justice for all people, this course pays special attention to how institutional structures impede people of various ages, classes, colors, races, cultures, disabilities, ethnicities, family structures, gender, marital status, national origin, religions, sex and sexual orientation to meet their needs.

**PS-230. Childhood and Adolescence. 3.00 Credits.**

A survey of the physical, intellectual, social, and personality development that occurs during infancy, toddlerhood, childhood, and adolescence. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-235. Life Span Development. 3.00 Credits.**

Comprehensive examination of the basic principles, stages and aspects of human growth and development from birth to senescence. May replace PS230 as a required course, but cannot take both PS230 and PS235. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-240. Adulthood and Aging. 3.00 Credits.**

Examination of the developmental changes in the human life cycle from young adulthood through maturity. Focuses on patterns of change and growth during adulthood, social attitudes, and gerontological psychology. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-250. Personality. 3.00 Credits.**

Exploration of personality theories including psychoanalysis, cognitive, behavioral and humanist approaches as they describe the development, functioning, and organization of the individual. Examination of the personal and clinical relevance of the theories. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-260. Abnormal Psychology. 3.00 Credits.**

Description of normal and abnormal personality with emphasis on etiology, manifestations, dynamics, treatment, and prevention of social/psychological dysfunctions. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-295. Credited Internships. 3.00 Credits.****PS-310. Social Experimental Psychology. 3.00 Credits.**

The study of individual behavior in the social environment with an emphasis on quantitative experimental techniques used to examine theories and models. Techniques include observational research, ethics in human research, questionnaire research, formal experiments, naturally occurring studies, archival studies and non-interventional field research. Topics include attitude formation, social influence, leadership, intergroup relations, aggression and altruism. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-311. Capstone: Seminar Lab Social Experiment. 3.00 Credits.**

Capstone: Seminar Lab Social Experiment. Additional course fee of \$100. Prerequisites: PS-210 PS-205 MINIMUM GRADE C. Course Type(s): Capstone, Writing Intensive.

**PS-320. Learning. 3.00 Credits.**

An examination of the major historical and contemporary theories of learning. Discussions will focus mainly on the critical analysis of experiments conducted on both animals and humans. Lectures will be supplemented with classroom demonstrations and exercises. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-340. Physiological Psychology. 3.00 Credits.**

Relationships between physiological processes and behavior with emphasis on the role of the central nervous system in human behavior. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-350. Cognitive Processes. 3.00 Credits.**

Examination of the issues, theories, and applications of memory, attention, pattern recognition, organization of knowledge, language, reasoning, and problem solving. In studying these topics, we will use the information processing and connectionist approaches. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-398. Undergrad Psychology Research. 3.00 Credits.**

Readings, reports and conferences aimed at preparing the student for independent research under supervision of a staff member. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-400. Moral Psychology. 3.00 Credits.**

This course provides a broad introduction to the field of moral psychology with an emphasis on recent developments in the field. Topics include how people make moral judgements, how people define the moral domain, the relationship between emotional morality, and how morality affects behavior. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-401. Capstone Lab & Seminar in Moral Psych. 3.00 Credits.**

Capstone laboratory and seminar in Moral Psychology. Prerequisites: PS-210 PS-205 MINIMUM GRADE C. Course Type(s): Capstone, Writing Intensive.

**PS-406. Political Psychology. 3.00 Credits.**

This course will provide a broad introduction to the field of political psychology. Topics will include such things as psychology political ideology, political decision making and intergroup conflict. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-407. Capstone: Seminar & Lab Political Psych. 3.00 Credits.**

Capstone laboratory and seminar in Political Psychology. Prerequisites: PS-210 PS-205 MINIMUM GRADE C. Course Type(s): Capstone, Writing Intensive.

**PS-415. Attitudes and Persuasion. 3.00 Credits.**

Contemporary and historical psychological theories about attitudes including how they are formed, the impact they have on behavior and how they can be changed. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-416. Capstone Sem/Lab: Attitudes & Persuasion. 3.00 Credits.**

Capstone Seminar and Lab: Attitudes & Persuasion Prerequisites: PS-200 AND PS-205; MINIMUM GRADE C; Course Type(s): Lab Courses, Capstone, Writing Intensive. Prerequisites: PS-205 AND PS-210; MINIMUM GRADE C; Course Type(s): Lab Courses, Capstone, Writing Intensive.



**PS-425. Psychology of Emotion. 3.00 Credits.**

An examination of Emotions what they are, how they differ by culture, and how they impact peoples lives.

Prerequisites: PS-151 MINIMUM GRADE C.

**PS-426. Capstone Seminar and Lab: Emotion. 3.00 Credits.**

Capstone Seminar and Lab: Emotion Prerequisites: PS-210 AND PS-205; MINIMUM GRADE C; Course Type(s): Lab Courses, Writing Intensive.

**PS-430. Industrial-Organizational Psy. 3.00 Credits.**

Study of behavior in organizational and business-related settings. Examination of such topics as employee motivation and satisfaction, communication patterns, effective leadership strategies, and organization development.

Prerequisites: PS-151 MINIMUM GRADE C.

**PS-431. Capstone: Lab & Sem Industr Org Psych. 3.00 Credits.**

Capstone: Lab & Sem Industr Org Psych. Additional course fee of \$100. Prerequisites: PS-210 PS-205 MINIMUM GRADE C. Course Type(s): Capstone, Writing Intensive, Senior Seminar.

**PS-433. Stereotypes and Prejudices. 3.00 Credits.**

This course analyzes and reviews psychological theory and empirical research on stereotypes and prejudices

Prerequisites: EARN C OR BETTER IN PS-151.

**PS-434. Cap Sem & Lab: Stereotypes & Prejudices. 3.00 Credits.**

This is a capstone laboratory and seminar that accompanies PS 433 Stereotypes & Prejudices. Students must be co-registered or have previously taken PS 433 to take this class. Prerequisites: PS-205, PS-210; MINIMUM GRADE C; INSTRUCTOR PERMISSION REQUIRED. Course Type(s): Capstone, Senior Seminar, Writing Intensive.

Prerequisites: PS-205, PS-210; MINIMUM GRADE C; INSTRUCTOR PERMISSION REQUIRED. Course Type(s): Capstone, Senior Seminar, Writing Intensive.

**PS-435. Forensic Psychology. 3.00 Credits.**

The application of psychology to the legal and criminal justice systems including psychology and the law, incarceration of the mentally ill, the psychology of policing, competency to stand trial, risk assessment, psychometric testing, evaluation of witness and expert testimony. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-445. Sport Psychology. 3.00 Credits.**

The study of behavior in sport and exercise with a focus on how psychological factors affect physical performance and how sport and exercise affect psychological development, health, and well-being. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-450. Cross-Cultural Psychology. 3.00 Credits.**

Focuses on the study of human behavior as a result of living in a given culture. Topics include bilingualism, comparison of personality, perceptual, and cognitive development in different societies, gender roles, and special issues in cross-cultural research. Prerequisites: PS-151 AND ONE OTHER PS COURSE MINIMUM GRADE C.

Course Type(s): Pluralism.

**PS-455. Bio Foundations : Human Sexuality. 3.00 Credits.**

Focuses on the biological foundations of human sexuality. Topics include sexual anatomy and physiology, human reproduction, development, dysfunctions, therapy, and health. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-456. Counseling. 3.00 Credits.**

this course explores the techniques for establishing a stable working relationship with a client and examines prominent contemporary approaches to counseling from theoretical and practical standpoints. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-463. Psychopathology & Film. 3.00 Credits.**

An advanced course in the clinical areas of diagnosis and treatment of mental illness applying the diagnostic and statistical manual (DSM) guidelines to selected films. Prerequisites: PS-151 AND PS-250 OR PS-260 MINIMUM GRADE C. - MUST BE COMPLETED PRIOR TO TAKING THIS COURSE.

**PS-480. Special Topics in Psychology. 3.00 Credits.**

An advanced exploration of a selected topic in contemporary psychology. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-481. Capstone: Seminar & Lab St. 3.00 Credits.**

Capstone: Seminar & Lab St. Additional course fee of \$100. Prerequisites: PS-210 PS-205 MINIMUM GRADE C. Course Type(s): Capstone, Writing Intensive.

**PS-498. Psychology Capstone. 3.00 Credits.**

This is a capstone experience for graduating seniors. It involves the creation, execution and dissemination of an original psychological experiment. Each student will design an original experiment. They will collect and analyze the data and present these findings in both written and oral format. Prerequisites: PS-210 AND PS-205; Course Type(s): Capstone.

**PS-499. Capstone Seminar & Lab: General Psych. 3.00 Credits.**

Capstone seminar and lab in general Psychology. Prerequisites: PS-210 PS-205 MINIMUM GRADE C. Course Type(s): Capstone.

**RD Courses****RD-100. Introduction to College Reading. 3.00 Credits.**

A program of selected readings, vocabulary enrichment, and guided study which enables students to develop an effective approach to study by introducing them to selected reading in diverse fields, including their major.

**SE Courses****SE-370. Reading/Sec Sch Using Technology. 3.00 Credits.**

The concepts and principles associated with the teaching of reading, the diagnosis of disabilities. Methods and materials employed in the improvement of reading, remedial classes and individual case studies.

**SE-400. Prin/Tech of Instr/Middle& Secondary Sch. 3.00 Credits.**

Through this course, students develop the ability to teach in middle and secondary schools by applying the principles and techniques of effective instruction. The course introduces the required standards in all disciplines and requires students to create original units of instruction, which include appropriate assessment tools. Students will design and implement lesson plans using various teaching styles and methodologies. Finally, students will assess their teaching ability and will plan their continued professional development. Course Type(s): Writing Intensive.

**SE-408. Principles of High School Curriculum. 3.00 Credits.**

Historical, legal, and community factors influencing the secondary school curriculum and general curriculum orientation. Departmental responsibilities in the area of curriculum. Innovative curriculum projects, programs for gifted and talented, special education, and bilingual students.

**SE-495. Student Teaching: Secondary. 8.00 Credits.**

A supervised classroom teaching experience on the secondary level (7-12), including seminar meetings and conferences scheduled prior to and during the student-teaching term.

**SE-499. Student Teaching: Secondary. 6.00 Credits.**

A supervised classroom teaching experience on the secondary level (7-12), including seminar meetings and conferences scheduled prior to and during the student-teaching term.

**SJ Courses****SJ-101. Intro Latin Amer & Latino Stud. 3.00 Credits.**

This course will introduce students to the study of Latin America as a region-its history, culture, politics and economic development- and Latino Studies, which examines the experiences of people of Latin American descent in the U. S. Course Type(s): Pluralism.

**SJ-136. Intro Lesbian Gay Bisexual Transgendered. 3.00 Credits.**

This course will offer students an introduction to lesbian, gay, bisexual and transgendered studies. Along with a focus on the history of this topic as a social movement, the course examines the topic from community, social justice and lifestyle perspectives.

**SJ-137. Nonviolence Community Org. Social Move. 3.00 Credits.**

A study of violence and human nature the theory and practice of nonviolence, how conflicts - local and global - can be solved nonviolently and the lives of past and current peacemakers, including Gandhi, Martin Luther King, Dorothy Day and many others.

**SJ-140. Introduction to Women's Studies. 3.00 Credits.**

This interdisciplinary course introduces students to women's studies, including its roots in the feminist and civil rights movements and the construction of gender in culture and society, giving specific attention to forms of gender inequality in the family, workplace, religion, healthcare, and relationships.

**SJ-155. Politics of Climate Disruption. 3.00 Credits.**

This course will explore how environmental issues - such as climate change, resource extraction and energy use - are shaped by politics and political systems at the international, domestic and local levels. We will also examine the ways in which environmental issues have shaped politics - with concepts such as sustainable development and environmental justice - since the emergence of the environmental movement.

**SJ-177. Introduction to Africana Studies. 3.00 Credits.**

This course offers an introduction to the field of Africana Studies. It includes the theoretical foundations for this discipline as well as an historical exploration of forces leading to emergence of artistic, music, poetry and social movements. Course Type(s): Pluralism.

**SJ-203. Global Citizenship II: U. N. Earth Chart. 3.00 Credits.**

As in "Global Citizenship I: Issues, Policy and Decision Making" (PO-202), here students will examine what it means to be a "global citizen" in the 21st century--in this case through the framework of the United Nations Earth Charter. PO-202 is not a prerequisite. Prerequisites: PO-100.

**SJ-205. Survey of World Literature. 3.00 Credits.**

An introductory survey of the modern and contemporary literatures of the developing world, with particular emphasis on interdisciplinarily situating texts in terms of their various cultural, political, economic, and historical contexts. As an introductory literature course, this class will also serve to introduce students to the methods of close-reading-based textual analysis. Prerequisites: CM-115 CM-117 OR CM-120.

**SJ-206. Christian Social Thought. 3.00 Credits.**

This course will introduce students to the basics of Christian theological, moral & social thought. The course will adopt a service learning approach and as such will examine the origins of the Christian ethical ideals of philanthropy, community service, and love as they relate to issues of social justice and the common good. Consequently, students will be required to engage in 15-20 hours of philanthropic community-service activities and/or social advocacy and activism as a means of connecting the history and theory of the aforementioned concepts to real world practice. Course Type(s): Mission Seminar.

**SJ-210. Community Service-Based Approach to SJ. 3.00 Credits.**

This course introduces students to service-based methods of helping marginalized individuals and groups in local communities while exploring ways to promote justice and alter unjust social structures as a necessary component of community service. Students will identify and define those in need in the community, analyze existing methods for serving the marginalized, and explore ways of furthering service to address the core problems causing this need. The focus of this course study will be on the local level. The course will be viewed through the lens of the Universal Apostolic Preferences of the Society of Jesus and will guide the study.

**SJ-223. Latin Amer Today: People Culture Issue. 3.00 Credits.**

This course provides an overview of the diverse societies of Latin America from a social science perspective. We will explore everyday life and experiences as they relate to culture and diversity, race, ethnicity and gender, politics and the economy, migration and urbanization, social justice and pop culture.

**SJ-230. Black American Politics. 3.00 Credits.**

This course will examine the political behavior of African Americans in the United States. Students will examine the relationship between African Americans and the American political system in order to gain a broader perspective of the American political process. Issues of leadership, representation and empowerment strategies will be addressed. We will consider various forms of participation as we attempt to assess Black political empowerment. We will consider the behavior of Blacks within political institutional settings and at various levels of government. We will also discuss issues such as Black political thought (conservatism, liberalism, and nationalism) and contemporary issues in African American politics.

**SJ-232. China: Environmntl Chnge & Possibilities. 3.00 Credits.**

This course focuses on the social, political, economic and cultural variable that impact the Chinese environmental deterioration and these consequences for the world at large. Alternative models of environmental conservation are included. Prerequisites: SO-121 OR UR-151; Course Type(s): Pluralism.

**SJ-235. Harlem Renaissance. 3.00 Credits.**

This course examines the period beginning in the 1920's known as the Harlem Renaissance. It was a time when black and white Americans alike discovered the vibrancy and uniqueness of black art, music, and literature. The class will also examine the importance of external forces, both positive and negative. Prerequisites: UR-151 OR SO-121; Course Type(s): Pluralism.

**SJ-245. Haitians in America. 3.00 Credits.**

Examines the history and experiences in America, paying special attention to how and why Haitians come to the U.S. It also explores patterns of settlement and mobility as well as interaction with other groups. Prerequisites: AS-175, AS-177 OR SO-121.

**SJ-250. Intro to Social Justice. 3.00 Credits.**

An examination of how racism, classism and sexism create barriers to the realization of a more equal and just society, with a particular focus on pressing current social justice issues - such as affordable housing, health care, immigration, the prison system, war and the environment - and the people that are working to build a better world. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism.

**SJ-275. Intro to International Relations. 3.00 Credits.**

Examination of the system of nation states, blocs, and rivalries in the world order. Approaches to the explanation of power and security, the use of force and war and international social, economic, and environmental problems. Course Type(s): Senior Seminar.

**SJ-276. Comparative Social Movements. 3.00 Credits.**

From Hong Kong to Chile, Wall Street to Plaza de Mayo, the last few years have demonstrated that the politics of protest and collective mobilization play an ever more relevant part in the contemporary dynamics of political resistance and social change. Through the comparative study of social movements around the globe, this course provides an overview of theoretical approaches and transdisciplinary insights into the study of collective action. Class discussions will go beyond stigmatized connections between social action and social unrest to explore topics such as performance and everyday resistance strategies, power and identity relations and other factors that allow for a critical perspective on the field.

**SJ-286. Haiti and the Revolution (1791-1804). 3.00 Credits.**

This course will examine the Haitian Revolution of 1791-1804 and the formation of the first independent nation in the Caribbean. Course Type(s): Pluralism.

**SJ-294. Native American Cultures. 3.00 Credits.**

An examination of the diversity of North American tribes from their migration from Asia to the present. Included are comparisons between tribes, government policies and recent revival of many groups.

**SJ-295. Credited Internships. 3.00 Credits.****SJ-297. Fat Feminism and Comparative Politics. 3.00 Credits.**

A look at the American diet industry and medical institutions as they relate to the intersection of fat-phobia as anti blackness. A connection to how modern feminism has shaped the body positivity movement and the evolution of fat politics.

**SJ-308. Women and American Politics. 3.00 Credits.**

This course will analyze the participation of women in American political life; examine women's public roles and the effects of feminism in altering women's public roles in both historical and contemporary contexts; delve into women's participation in electoral politics; understand women's behavior and influence as public officials; and analyze the intersection of gender with other categories such as race/ethnicity and political party. We'll study the historic 2020 presidential election, the gender gap, and attitudes towards Vice President nominee Kamala Harris and other presidential/vice presidential candidates. This course is designed to introduce students to the study of gender and U.S. politics including the central questions, concepts, and debates in the field.

**SJ-309. Women in Changing Urban World. 3.00 Credits.**

Historical and contemporary examination of urban revolution as social basis for changing roles of women. Generation of conflicts and possibilities. Implications for society. Prerequisites: UR-151 OR SO-121.

**SJ-310. Feminist Political Theory. 3.00 Credits.**

Historical overview of feminist political activity in the United States and an analysis of feminist theory: liberal feminism, Marxist feminism, radical feminism, and post-modern feminism. Course Type(s): Pluralism.

**SJ-311. Philosophy and Bob Dylan. 3.00 Credits.**

An investigation of the philosophical, ethical and cultural themes in Bob Dylan's lyrics. Philosophical ideas such as appearance versus reality, truth and knowledge, and good and evil will be explored through a comprehensive study of Dylan's music. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**SJ-316. Hip Hop and US Political Life. 3.00 Credits.**

An examination and discussion of Hip Hop's political origins and how the musical genre provides insight into the social and political climate of America.

**SJ-319. Politics and Pandemics. 3.00 Credits.**

The COVID-19 pandemic sparked intense discussion about the political and economic factors and responses that have shaped this most recent iteration of a world pandemic. This course considers the political, economic, and climate change realities that have ushered forth the COVID-19 pandemic, as well as previous world vital catastrophes. Also, it looks at what these epidemics reveal about the injustices that permeate societies, and why marginalized communities, such as immigrants, communities of color, the elderly, and the economically impoverished disproportionately bear the brunt of the pandemic's brutal effects. Finally, and in the words of Arundhati Roy, how might we walk through the portal of the pandemic in a liberated way?.

**SJ-322. Socialism and Social Movements; Socialism and Social Movements. 3.00 Credits.**

This course introduces the student to the "ABC's" of socialism, its thought and practice, and its various iterations. The class considers why more people see socialism as an alternative to capitalism and study the social movements that have striven to bring life to its theory and practice. The class also emphasizes practices of democracy, justice, diversity, and Green Socialism.

**SJ-328. Social Work in Urban Systems. 3.00 Credits.**

Focuses on the major social welfare systems in America and the field of social work as the profession charged with implementing social welfare today. Prerequisites: SO-121 OR UR-151.

**SJ-330. Politics of Migration and Mobility. 3.00 Credits.**

The course introduces students to key notions, norms, and narratives of human migration and mobility. By exploring the concepts and forms of spatial mobility in both domestic and international spheres, the course will further identify actors that shape and challenge existing policies, norms, and systems and address the differences between global South and global North perspectives. It will highlight, among other issues, the role of gender and racial perspectives in spatial mobility, the relevance of displacement and forced migration in the climate agenda, and the securitization of the current migration debate. A critical take on current global events will be used to illustrate academic texts and policies. Course materials will also include news articles, documentary films, and chronicles.

**SJ-333. Black Community and the Law. 3.00 Credits.**

An examination of the role of the American legal process in African American history from 1619 to the present, with concentration on laws and their application during the slavery and post-slavery era, the early and mid 1900's, and in modern rural and urban life. Topics include civil rights, constitutional, property, and criminal law. Course Type(s): Pluralism.

**SJ-335. Veils to Vestments Women Ancient Rel. 3.00 Credits.**

Veils to Vestments: Women's Leadership in Ancient Religion explores the religious roles and offices taken by women in antiquity using evidence from the Bible and Greco-Roman world. Methodologies for uncovering this evidence and reconstructing women's history will be evaluated. We also consider its implications and applications for the twenty-first century. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Writing Intensive, Values, Pluralism, Mission Seminar.

**SJ-337. Non-Western Perspective to Int Relations. 3.00 Credits.**

This course will introduce the study of International Relations (IR) from post-colonial and decolonial perspectives. Course readings and discussions will examine biases and limitations of mainstream western-oriented perspectives on the field. While recognizing the varied scope of post-colonial and decolonial literature, course materials will explore "subaltern" frames of reference that cut across North-South divides, debate racialized and genderized assumptions about nationality and culture, and promote "counter-hegemonic" reflection on prevailing concepts, norms and institutions in IR.

**SJ-343. Black Theology. 3.00 Credits.**

The study of the origins and influence of the major religious traditions found in the American Black community. May substitute for TH-120 or be used as a Values course, but not both. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**SJ-345. Sociology of Intimacy. 3.00 Credits.**

This course will explore sexual scripts the social control of marrying negotiating and bargaining marriage roles the dynamics of family interaction conflict and divorce. Prerequisites: SO-121 OR UR-151.



**SJ-350. Rent Control in Jersey City. 3.00 Credits.**

As rent prices increase in Jersey City, many activists and tenants are calling for both increased enforcement of existing rent control laws and new controls to be added to the existing laws. Such policies, however, are subject to vigorous debate. This course offers a hands-on examination of the existing policies in Jersey City and the larger policy debate about rent control through the following methods: 1) Student will design and implement a survey on existing policies for both landlords and tenants. 2) Students will collect and analyze data on the Jersey City housing market. 3) Students will compare and contrast rent control ordinances in municipalities across New Jersey. 4) Students will review the policy literature on rent control. Course Type(s): Service Learning.

**SJ-370. Urban Anthropology. 3.00 Credits.**

An exploration of the emergence of urban culture in its present form from its neolithic roots. Emphasis on urban life in the New Jersey area, with reference to the peoples and cultures in urban environments world-wide. Prerequisites: SO-121 OR UR-151.

**SJ-378. Global Inequality. 3.00 Credits.**

An exploration of the patterns of economic and political inequality that exist between countries and within countries in the contemporary international system.

**SJ-380. Spatial Justice Cities and Resistance. 3.00 Credits.**

Spatial Justice is an invitation to discuss social justice by looking at places and spaces around us. How much does the design of our cities reflect and offer insights into social and economic inequalities? How do city spaces influence embodied aspects of our daily lives? How can structured or spontaneous acts of spatial resistance impact broader social dynamics? Through the comparative study of urban social dynamics around the world, this course will discuss the contradictory ways in which spaces are socially constructed, consider different urban experiences in relation to race, gender, class, and sexual orientation, investigate spacial resistance dynamics, and explore how those can be applied to the promotion of more just and inclusive social & spatial realities.

**SJ-412. Ethnicity and Race in Urban History. 3.00 Credits.**

Includes the African and European immigrant experiences in America, the effects of slavery and urbanization, and the formation of class consciousness. Prerequisites: SO-121 OR UR-151 OR PO-100, AND SO-280 AND SO-384; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Capstone, Writing Intensive, Pluralism.

**SJ-420. Social Documentary Filmmaking. 3.00 Credits.**

In this course students will explore the history and methods of social impact documentaries as a tool for education, action and change. Students will also produce a final project, studying filmmaking from concept, to production and post production; culminating in an end-of-the year film festival.

**SJ-454. Black Films. 3.00 Credits.**

A survey of 20th century film making by and about African-Americans. Prerequisites: CM-115 CM-116 OR CM-120.

**SJ-465. Vietnam and the U.S.. 3.00 Credits.**

A multidimensional view of the Vietnam era. U.S. involvement in Southeast Asia as a backdrop for an examination of changes in America from the late 1950s to the mid 1970s. Impact of Vietnam on civil rights, youth culture, the women's movement. Prerequisites: SO-121 OR UR-151.

**SJ-481. Immigration: Walls Or Welcome?. 3.00 Credits.**

This course focuses on past and present immigration policies in the U.S. as well as immigration activism. Course Type(s): Pluralism.

**SJ-486. Seminar: Genocide. 3.00 Credits.**

After a through conceptualization of genocide, the course will examine case studies of modern genocide, ranging from the 20th and 21st centuries.

**SJ-498. Political Poetry and Music. 3.00 Credits.**

This course considers the relationship between aesthetics and political philosophy. Political themes flowing through poetry and music, analyzed both in terms of their message and medium, use in political activism. Course Type(s): Pluralism.

**SM Courses****SM-103. Prin & Found of Phys Education. 3.00 Credits.**

An examination of the historical and philosophical development of physical education from ancient times to the present. To acquaint the student with physical education as a profession. Course Type(s): Pluralism.

**SM-150. History Culture and Business of Esports. 3.00 Credits.**

This course will explore the history, culture and business of Esports, which has rapidly ascended in popularity globally. This course will provide students with detailed insights about the history of Esports and its evolution as well as its future growth and development. Students will gain understanding of the differences from traditional sport in terms of competitive gaming events, revenue generation, sponsorships, and other cultural nuances.

**SM-202. Fundamentals of Coaching. 3.00 Credits.**

An overview of current coaching theory and practice with a special emphasis on the scientific literature depicting best practices and professionalism. In addition, course content will include pedagogy, ethics, the physiological and psychological aspects of athlete development and approaches to teaching technical and tactical skills. This course includes field experience and active learning modules.

**SM-228. Intro to Sports Management. 3.00 Credits.**

This course is designed to help participants gain an indepth understanding of the fundamental principles and key skills associated with sports administration and management.

**SM-250. Sport Communication. 3.00 Credits.**

Media and public relations strategies in the sports industry are reviewed. Exposure to the use of web publications/ multimedia and development. Prerequisites: SM-228.

**SM-251. Finance in the Sports Industry. 3.00 Credits.**

Managerial control in sports organizations is studied. Prerequisites: SM-228 AC-151 EC-101.

**SM-255. Esports Branding and Marketing. 3.00 Credits.**

This course will explore the marketing and communications functions, including advertising, promotions, and sponsorship, involved in the multi-billion dollar Esports industry. The course provides research, case, analysis, and other opportunities to learn of the effective principles, theories, practices, and methods involved with all aspects of Esports brand architecture and brand management through integrated marketing communication approaches.

**SM-285. Management/Leadership- Esports Ecosystem. 3.00 Credits.**

The purpose of this course is to understand the fundamental aspects and unique nuances of managing and leading in the esports ecosystem by examining relevant issues, globalization and strategic management.

**SM-295. Credited Internships. 3.00 Credits.****SM-300. Sports Sales. 3.00 Credits.**

The Sports Sales course provides students with an in-depth understanding of sales principles and strategies within the sports industry, with special emphasis on relationship-building and revenue generation. The course explores techniques in ticket sales, sponsorship acquisition, and corporate partnerships. Students will learn practical approaches to prospecting, pitching, and closing sales deals while gaining insights into customer service, retention strategies, and the use of data analytics in sports marketing. Through case studies, role-playing exercises, and industry guest speakers, students will develop essential skills to thrive in various sports sales roles. Learning Outcomes At the end of the course students, among other outcomes, will be able to: 1) Demonstrate a comprehensive understanding of sales principles and strategies relevant to the sports industry, 2) Apply effective techniques to enhance customer engagement and drive revenue generation, 3) Utilize practical approaches for prospecting, pitching, and successfully closing sports sales deals, 4) Develop sponsorship acquisition strategies and understand the process of forming corporate partnerships, 5) Critically evaluate case studies and apply learned strategies to real-world sales scenarios, and 6) Prepare for various roles in sports sales by demonstrating the ability to study diverse sales environments based on client needs. Prerequisites: SM-228 AND SM-251.

**SM-310. Sports Law. 3.00 Credits.**

This course will provide students an overview of law as it relates to sports topics including but not limited to sports representation and management, constitutional law, intellectual property law, Title IX and sports crimes. Prerequisites: SM-228.

**SM-350. Sport Facility Operation & Event Mgmt. 3.00 Credits.**

Planning, Organization and Operation of Sport Facilities and management of events. Prerequisites: SM-228.

**SM-351. Contemporary Issues in Sport Management. 3.00 Credits.**

This course will examine issues, challenges, implications and opportunities within the domain of the sports industry by exploring the socio-cultural, economic, political and other relevant issues in sports management. Prerequisites: SM-228.

**SM-352. Sports Analytics. 3.00 Credits.**

This course focuses on the study of athletic performances and businesses health of a sports organizations for the purpose to participate in optimizing these organizations' performances and successes. The course purpose is to learn how to monitor important off-field data metrics/ data analytics such as ticket sales, merchandise sales, fan engagement, etc. and participate in assisting decision-makers in sporting teams make better decisions directed toward the increase of growth and profitability. Prerequisites: SM-228.

**SM-385. Esports Sales Sponsorship & Revenue Dev. 3.00 Credits.**

The purpose of this course is to understand the fundamentals and the multifaceted strategies for sales/promotions, corporate sponsorship and revenue development in the realm of Esports.

**SM-395. Esports Events Planning and Management. 3.00 Credits.**

The purpose of this course is to learn how to plan and execute small and large scale events utilizing the latest in streaming technology, examine the different modalities for play, types of competition, strategies to develop teams, create online communities, and promote events through digital technology.

**SM-399. Global Sports and Events Exploration. 3.00 Credits.**

This course is designed to expose students to the ancient and global origins of sporting events and venues, specifically the ancient and modern Olympics of Greece, with additional insight into broader sport influences. In this course, participants will explore historical events and sites in order to gain practical understandings of their dynamic and lasting influence on global sports - as entertainment vessels, competitive events, and public venues. Additional travel course fee of \$50.

**SM-410. Legal& Ethical Issue in Sports. 3.00 Credits.**

A hybrid values course that includes topics in policy development, labor movement in sports, collective bargaining in sports organizations, ethical dilemmas and implications. Prerequisites: SM-228; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**SM-450. The Global Sports Industry. 3.00 Credits.**

The history and issues in sports from a global perspective. A pluralistic lens is used to explore the relationship of gender, culture, and social institutions on sports. Prerequisites: SM-228.

**SM-496. Live Sports Production Internship. 3.00 Credits.**

This course will students with hands-on experience in live broadcast sports production, focusing on various aspects such as camera operation, audio engineering, producing, and post-production editing. Students will serve on the production team of Saint Peter's Athletic Department's TV sports broadcast. Through practical application and mentorship, students will gain insights into the dynamics of live sports broadcasting and develop essential skills for a career in television production.

**SM-499. Internship. 3.00 Credits.**

Field work experience in the areas of Sports Management and/or Health & Physical Education. Course Type(s): Senior Seminar.

**SO Courses****SO-101. Intro Latin Amer & Latino Stud. 3.00 Credits.**

This course will introduce students to the study of Latin America as a region-it's history, culture, politics and economic development- and Latino Studies, which examines the experiences of people of Latin American descent in the U. S. Course Type(s): Pluralism.

**SO-121. Introduction to Sociology. 3.00 Credits.**

An examination of Sociology both as a practicing profession and scientific discipline, with an introduction to research methods, concepts, theories, and findings about the social world. Comparisons are made between Sociology and the other. An exploration of the potential relevance of Sociology to the job market is a part of this course. Course Type(s): Core curriculum course.

**SO-136. Intro Lesbian Gay Bisexual Transgendered. 3.00 Credits.**

This course will offer students an introduction to lesbian, gay, bisexual and transgendered studies. Along with a focus on the history of this topic as a social movement, the course examines the topic from community, social justice and lifestyle perspectives.

**SO-137. Nonviolence Community Org. Social Move. 3.00 Credits.**

A study of violence and human nature the theory and practice of nonviolence, how conflicts - local and global - can be solved nonviolently and the lives of past and current peacemakers, including Gandhi, Martin Luther King, Dorothy Day and many others.

**SO-140. Introduction to Women's Studies. 3.00 Credits.**

This interdisciplinary course introduces students to women's studies, including its roots in the feminist and civil rights movements and the construction of gender in culture and society, giving specific attention to forms of gender inequality in the family, workplace, religion, healthcare, and relationships. Course Type(s): Pluralism.

**SO-177. Introduction to Africana Studies. 3.00 Credits.**

This course offers an introduction to the field of Africana Studies. It includes the theoretical foundations for this discipline as well as an historical exploration of forces leading to emergence of artistic, music, poetry and social movements. Course Type(s): Pluralism.

**SO-200. Ethnic and Racial Relations. 3.00 Credits.**

The study of interethnic and interracial relations. American and international experiences of immigrant groups, majorities, minorities, dominant cultures, and subcultures.

**SO-206. Exploring American Identities. 3.00 Credits.**

Exploring American Identities is designed to explore multiple aspects of identity and the ways in which individuals and groups self identify and are identified in the United States. Students will read and respond to personal essays on the following themes: linguistic identity, identity and place, work in America, education, relationships, and social networking. Course Type(s): Pluralism.

**SO-221. Surveillance in the Cybercity. 3.00 Credits.**

Smartphones, debit cards, social networking sites, transportation systems, and public spaces increasingly produce troves of data about everyday life. This data is used by governments, corporations, educational institutions, activist organizations, and everyday people. This course critically analyzes forms of urban surveillance so as to reconsider personal and collective rights to privacy, property, and security within the contemporary cybercity. Prerequisites: SO-121 OR UR-151.

**SO-230. Black American Politics. 3.00 Credits.**

This course will examine the political behavior of African Americans in the United States. Students will examine the relationship between African Americans and the American political system in order to gain a broader perspective of the American political process. Issues of leadership, representation and empowerment strategies will be addressed. We will consider various forms of participation as we attempt to assess Black political empowerment. We will consider the behavior of Blacks within political institutional settings and at various levels of government. We will also discuss issues such as Black political thought (conservatism, liberalism, and nationalism) and contemporary issues in African American politics.

**SO-233. Visual Sociology. 3.00 Credits.**

Visual sociology is the study of visual images and their role and influence in society. It includes such media as: art, photographs, film, video, newspapers, magazines, advertisements, graphic novels along with many other forms of visual communication. This area of sociology examines the experience of living in an intensely visual world and how it may enhance as well as constrain our lives. It also explores how to use photography, film, video and other media as research tools in studying social issues and communicating findings with the public to bring about social change. Prerequisites: SO-121.

**SO-245. Haitians in America. 3.00 Credits.**

Examines the history and experiences in America, paying special attention to how and why Haitians come to the U.S. It also explores patterns of settlement and mobility as well as interaction with other groups. Prerequisites: AS-175 OR AS-177 OR SO-121.

**SO-253. Social Deviance. 3.00 Credits.**

Explores the concepts of social norms, egocentricity, and ethnocentricity. Examines the relativity of deviance including criminal behavior, human sexuality, drug use, suicide, and other alternative forms of behavior.

**SO-254. Sociology of Migration and Immigration. 3.00 Credits.**

Immigration in history; patterns of movement; immigration and refugees; adjustment and resettlement; immigration law. The needs of immigrants; housing, employment education, medical care. Prerequisites: SO-121 OR UR-151; Course Type(s): Pluralism.

**SO-256. Sociology of Sports. 3.00 Credits.**

This course uses both readings and films to explore the impact of economic and political forces and changing constructions of gender and social values on organized athletics at the professional and amateur levels.

Prerequisites: ONE SEQUENCE: PL-130 PL-140 OR 2 COURSES FROM TH: SO-121.

**SO-259. Death Dying and Bereavement. 3.00 Credits.**

This course applies the sociological perspective to the issues of Death, Dying and Bereavement. It explores cultural differences with regard to understanding death and related practices and rituals. Topics include: Society/Culture and Death losses in life grieving among children and adults the stages of grief religion and death suffering, death and integration of life. Prerequisites: SO-121.

**SO-260. Sabores Y Saberes Exploringlatincuisine. 3.00 Credits.**

This course explores the cultural and community knowledges (saberese) of Latinx communities through a hands on study of their flavors and cuisine (sabores). We will examine the role of food, it's preparation, rituals, histories and consumption, in place-making, identity and community building. This course will involve some travel to restaurants.

Prerequisites: LS-101 OR SO-121 OR UR-151; Course Type(s): Pluralism.

**SO-273. Global Feminisms. 3.00 Credits.**

This interdisciplinary course explores global issues and debates regarding significant issues affecting women's lives and opportunities for equality. Prerequisites: SO-140. Course Type(s): Pluralism.

**SO-275. Indigenous Civilizations: Olmecs to Inka. 3.00 Credits.**

This course will examine the cultures, including their rises and falls, of a number of pre-Columbian cultures from archeological and cultural anthropological perspectives. Inca, Myan, Aztec, and Others. Prerequisites: SO-121.

Prerequisites: SO-121 OR LS-101; Course Type(s): Pluralism.

**SO-280. Sociological Theory. 3.00 Credits.**

Classical themes of Sociology and major theoretical achievements from 1815 to the present. Prerequisites: SO-121.

**SO-283. The Conspiracy Theory Film. 3.00 Credits.**

The course looks at the themes of conspiracies and paranoia in film and popular culture. Students examine how social and political conflicts through the decades have created fears of large-scale corruption in organizations of power and how these fears were translated to the movie screen. Prerequisites: CM-106 CM-116 CM-120.

**SO-286. Haiti and the Revolution (1791-1804). 3.00 Credits.**

This course will examine the Haitian Revolution of 1791-1804 and the formation of the first independent nation in the Caribbean. Course Type(s): Pluralism.

**SO-288. The Role of Religion in Social Protest. 3.00 Credits.**

This course examines various formal and informal roles of religions in social protest from the New York City uprisings through Black Lives Matter and beyond. Prerequisites: SO-121 OR UR-151 OR AS-177.

**SO-294. Native American Cultures. 3.00 Credits.**

An examination of the diversity of North American tribes from their migration from Asia to the present. Included are comparisons between tribes, government policies and recent revival of many groups.

**SO-295. Credited Internships. 3.00 Credits.****SO-300. Wealth Power & Prestige: Soc/Soc Strat. 3.00 Credits.**

Classic Theories and recent research on social inequality and mobility. The linkage of class and behavior education in behavior in education, religion and politics is an essential part of the course. This course utilizes a variety of sociological concepts to examine work as a social institution. In addition to the formal analysis offered, participants in the course will have the opportunity to examine their own role in the world of work. Prerequisites: SO-121.

**SO-313. Human Evolution Ecology and Adaptation. 3.00 Credits.**

This interdisciplinary course focuses on evolutionary adaptations of the human species to nature and ways it has adapted nature to serve its needs. These adaptations and their consequences for changes in human ways of life are central to this course. Prerequisites: BI-184 OR SO-121.

**SO-324. Sociology of Work. 3.00 Credits.**

This course utilizes a variety of sociological concepts to examine work as a social institution. In addition to the formal analysis offered, participants in the course will have the opportunity to examine their own role in the world of work. Prerequisites: SO-121.



**SO-333. Black Community and the Law. 3.00 Credits.**

An examination of the role of the American legal process in African American history from 1619 to the present, with concentration on laws and their application during the slavery and post-slavery era, the early and mid 1900's, and in modern rural and urban life. Topics include civil rights, constitutional, property, and criminal law.

**SO-339. Literature of the Black Atlantic. 3.00 Credits.**

Africana culture has flowed across the Atlantic Ocean littoral from the earliest days of the trans-Atlantic slave trade - not just from West Africa to the New World, but back and forth in complex circuits interconnecting the black peoples of West Africa, the Caribbean, the United States, and the United Kingdom. This is what scholar Paul Gilroy, in his groundbreaking formulation, calls "the Black Atlantic": an Africanist socio-cultural entity that traverses national and geographic borders. This course examines the literature of the Black Atlantic, proceeding from a survey of different theorizations of blackness to an analysis of select works by black authors that focus particularly on social and cultural encounters, exchanges, movements, and inter-group conceptualizations of different Africana peoples. Prerequisites: ONE COURSE FROM EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 OR EL-208; Course Type(s): Pluralism, Writing Intensive.

**SO-345. Sociology of Intimacy. 3.00 Credits.**

This course will explore sexual scripts the social control of marrying negotiating and bargaining marriage roles the dynamics of family interaction conflict and divorce. Prerequisites: SO-121 OR UR-151.

**SO-351. Latina/O/X Communities. 3.00 Credits.**

An in-depth examination of the social, cultural, economic, historical, and political contexts shaping the experiences of long-established and recent immigrant Latino/a/x and Latin American groups in the United States. The course will examine the formation of communities in different geographical regions, as well as by national, socio-cultural, ethnic, and political affinities. Prerequisites: SO-121 UR-151 OR LS-101; Course Type(s): Pluralism, Mission Seminar.

**SO-360. Intercultural Relations. 3.00 Credits.**

An examination of the influence of cultural factors on human thought, emotion and action. Theoretical and methodological issues in intercultural relations are reviewed and observational studies conducted. Prerequisites: SO-121.

**SO-368. Health & Inequalities:RaceClassGender. 3.00 Credits.**

This course critically examines the relationship between health status and social inequalities along the lines of race and ethnicity, social class and gender. We begin with an overview of epidemiology and the idea of studying health from a sociological perspective. We then consider the complex relationship between socio-economic status (class) and health statuses, followed by an examination of specific health issues for major racial/ethnic minorities and gender groups. We will try to understand how low socioeconomic status leads to poor health, how conscious, unconscious, and institutionalized racial/gender bias affects medical care and health outcomes, and address ideas for reducing health disparities among all groups. Prerequisites: SO-121; Course Type(s): Pluralism.

**SO-370. Urban Anthropology. 3.00 Credits.**

An exploration of the emergence of urban culture in its present form from its neolithic roots. Emphasis on urban life in the New Jersey area, with reference to the peoples and cultures in urban environments world-wide. Prerequisites: SO-121 OR UR-151; Course Type(s): Writing Intensive.

**SO-384. Cultural Anthropology. 3.00 Credits.**

An analysis of the development of anthropology as an offshoot from Sociology; an examination of the differences in the methodology of anthropology and Sociology in the study of a variety of cultures. Prerequisites: SO-121 OR UR-151; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Writing Intensive, Pluralism.

**SO-412. Ethnicity and Race in Urban History. 3.00 Credits.**

Includes the African and European immigrant experiences in America, the effects of slavery and urbanization, and the formation of class consciousness. Prerequisites: SO-121 OR UR-151, AND SO-280 AND SO-384; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Capstone, Writing Intensive, Pluralism.

**SO-428. Literature of East and West Africa. 3.00 Credits.**

A study of seminal texts representing the Acholi, Gikuyu, Malinke, Igbo, Wolof, Bambara and Senegalese peoples of East and West Africa. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism, Online Course.

**SO-448. Statistics in the Social Sciences. 3.00 Credits.**

Descriptive and inferential statistics including measures of central tendency and variability, linear correlation, and hypothesis testing. Prerequisites: SO-121 SO-380.

**SO-450. Research Techniques: Social Sciences. 3.00 Credits.**

Paradigms, theory and research; the nature of causation; research design; conceptualization and measurement; operationalization; indexes, scales and typologies; sampling; types of Social research: experiments, surveys, field research, unobtrusive research, and evaluation research. Emphasis on active learning through exercises, report writing and student projects. Prerequisites: SO-121 OR UR-151 SO-280; Course Type(s): Senior Seminar.

**SO-451. Soc Issues: Pub Pol. 3.00 Credits.****SO-465. Vietnam and the U.S.. 3.00 Credits.**

A multidimensional view of the Vietnam era. U.S. involvement in Southeast Asia as a backdrop for an examination of changes in America from the late 1950s to the mid 1970s. Impact of Vietnam on civil rights, youth culture, the women's movement. Prerequisites: SO-121 OR UR-151.

**SO-472. Sociology of the Professions. 3.00 Credits.**

History of the professions: the medieval guilds the nineteenth century and the development of applied science. Professions as communities peer evaluation and professional ethics. Prerequisites: SO-121.

**SO-481. Immigration: Walls Or Welcome?. 3.00 Credits.**

This course focuses on past and present immigration policies in the U.S. as well as immigration activism. Course Type(s): Pluralism.

**SO-489. Globalization and Fieldwork Seminar. 3.00 Credits.**

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Prerequisites: SO-121 OR UR-151 OR PO-100; Course Type(s): International (Travel), Pluralism.

**SO-492. Urban Internship. 3.00 Credits.**

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required. Prerequisites: SO-121 OR UR-151; Course Type(s): Senior Seminar.

**SO-493. Advanced Urban Internship. 3.00 Credits.**

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required. Prerequisites: SO-121 OR UR-151; Course Type(s): Senior Seminar.

**SO-495. Internshp in Intern'l Settings. 3.00 Credits.**

Planned and supervised off-campus working experiences overseas or with international organizations integrated with independent academic study under the tutelage of the Director of International and intercultural Studies. Prerequisites: SO-121 OR UR-151; Course Type(s): Senior Seminar.

**SO-496. Rev. Marion J. Franklin Senior Seminar. 3.00 Credits.**

This capstone course ties together the various components in the Sociology Major as well as prepares graduates for the next level. Students will develop a synthesis production. Should be taken last term senior year. Prerequisites: SO-121 SO-280 SO-345 SO-384; Course Type(s): Capstone, Senior Seminar.

**SO-498. Spec Projects in Sociology I. 3.00 Credits.**

Tutorial courses and reading courses in special areas of sociology. May be taken for one or two terms.

**SO-499. Spec Projects in Sociology II. 3.00 Credits.**

Tutorial courses and reading courses in special areas of sociology. May be taken for one or two terms.

**SP Courses****SP-113. Elementary Spanish I. 3.00 Credits.**

An introduction to the basic grammar and vocabulary of spoken and written Spanish Course Type(s): Arts/Language, Addl Humanities.

**SP-114. Elementary Spanish II. 3.00 Credits.**

Continued practice in the grammar and vocabulary of spoken and written Spanish. Prerequisites: SP-113 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

**SP-117. Span Hlth Care Professions I. 3.00 Credits.**

Grammar and vocabulary taught through dialogues and situations related to the healthcare professions. Course Type(s): Arts/Language, Addl Humanities.

**SP-118. Span Hlth Care Professions II. 3.00 Credits.**

Further practice in grammar and vocabulary related to the healthcare professions. Prerequisites: SP-117 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

**SP-119. Spanish for Business & Finance I. 3.00 Credits.**

Serves those in the business and finance professions. Basic grammar structures and specialized vocabulary; writing exercises, conversation and role play. Course Type(s): Core curriculum course.

**SP-120. Spanish for Business & Finance II. 3.00 Credits.**

Further study of Spanish grammar, pronunciation, writing, and vocabulary with an emphasis on business and financial usage. Prerequisites: SP-119.

**SP-133. Intermediate Spanish I. 3.00 Credits.**

Presentation of advanced grammar and vocabulary for improved listening, speaking, reading comprehension, and writing. Practical use of Spanish through dictation, oral and written exercises, sight-reading, and guided conversation. Prerequisites: SP-114 OR 1-2 YEARS HIGH SCHOOL SPANISH. Course Type(s): Arts/Language, Addl Humanities.

**SP-134. Intermediate Spanish II. 3.00 Credits.**

Presentation of advanced grammar and vocabulary for improved listening, speaking, reading comprehension, and writing. Practical use of Spanish through dictation, oral and written exercises, sight-reading, and guided conversation. Prerequisites: 1-2 years of high school Spanish, Sp114, or Sp196. Prerequisites: SP-133 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

**SP-135. Intermediate Spanish/Native Speakers I. 3.00 Credits.**

Provides instruction and practice in the elements of grammar, syntax, spelling, and formal knowledge and use of the language. Course Type(s): Arts/Language, Addl Humanities.

**SP-136. Intermediate Spanish/Native Speakers II. 3.00 Credits.**

Provides instruction and practice in the elements of grammar, syntax, spelling, and formal knowledge and use of the language. Prerequisites: SP-135 OR LS-135 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

**SP-180. Hispanic NY: Language & Culture. 3.00 Credits.**

Study of Hispanic language and culture through New York Metropolitan venues taught in conjunction with AR-180. Prerequisites: AR-180.

**SP-195. Spanish for Social Services I. 3.00 Credits.**

Serves those in the social services professions and related fields. Basic grammar structures and specialized vocabulary; writing exercises, conversation and role play. Course Type(s): Arts/Language, Addl Humanities, Core curriculum course.

**SP-196. Spanish: Social Services II. 3.00 Credits.**

Serves social workers, police officers, medical professionals, and those in related fields. Basic grammar structures and specialized vocabulary; writing exercises, conversation, and role play. Fulfills core language requirement. Prerequisites: SP-195; Course Type(s): Arts/Language, Addl Humanities.

**SP-198. Introduction to Hispanic Literature I. 3.00 Credits.**

A basic introduction to the principal literary genres through readings in Spanish. 1-2 years high school Spanish. Prerequisites: SP-134 OR 1/2 YRS. H.S. SPANISH OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Addl Humanities.

**SP-199. Introduction to Hispanic Literature II. 3.00 Credits.**

A continued introduction to the principal literary genres through readings in Spanish. Prerequisites: SP-198; Course Type(s): Arts/Language, Addl Humanities.

**SP-243. Survey: Literature of Spain I. 3.00 Credits.**

Origins and evolution of literature from xarcbas to contemporary works. Required for Spanish majors and minors. Taught in Spanish. Prerequisites: SP-134 SP-136 SP-199 OR 3-4 YEARS H.S. SPANISH.

**SP-244. Survey: Literature of Spain II. 3.00 Credits.**

Origins and evolution of literature from xarcbas to contemporary works. Required for Spanish majors and minors. Taught in Spanish. Prerequisites: SP-243 OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Addl Humanities.

**SP-245. Survey of Hispanic American Literature I. 3.00 Credits.**

Development of Hispanic-American literature from its origins through the 18th century. Prerequisites: 2-3 YRS. H.S. SPANISH OR SP-134 OR SP-136 OR INSTRUCTOR PERMISSION. Course Type(s): Arts/Language, Addl Humanities.

**SP-246. Hispanic-American Lit. II. 3.00 Credits.**

Development of Hispanic-American literature from the 19th century to the present. Prerequisites: SP-245 OR INSTRUCTOR APPROVAL, OR 3-4 YEARS H.S. SPANISH. Course Type(s): Arts/Language, Addl Humanities.

**SP-248. Spanish Cultural Hist in Film. 3.00 Credits.**

Examination of the rich cultural history of Spain as it has been presented through film. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-249. Cultural Geography of Hispanic America. 3.00 Credits.**

A study, through readings and video, of the history, culture, and societal aspects of the Spanish-speaking countries of Latin America. Taught in English. Course Type(s): Pluralism, Arts/Language, Addl Humanities.

**SP-250. Spanish Conversation I. 3.00 Credits.**

Intensive practice in Spanish conversation through discussion of interesting topics, as well as review of critical grammatical structures and vocabulary to facilitate effective expression. Prerequisites: SP-114, SP-134 OR SP-196; OR 1-2 YEARS H.S. SPANISH, OR INSTRUCTOR PERMISSION; NO NATIVE SPEAKERS. Course Type(s): Arts/Language, Addl Humanities.

**SP-251. Spanish Conversation II. 3.00 Credits.**

Intensive practice in Spanish conversation through discussion of interesting topics, as well as review of critical grammatical structures and vocabulary to facilitate effective expression. Prerequisites: SP-250 OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Addl Humanities.

**SP-265. Social Justice in Latin American Film. 3.00 Credits.**

Analysis of film, viewed politically and socially, as a mediator of the dynamics of tradition and change in Latin America. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Arts/Language, Addl Humanities.

**SP-292. Translation. 3.00 Credits.**

Practice in technical, commercial, scientific translation, legal documents and business correspondence, Spanish English, English- Spanish. Taught in Spanish. Prerequisites: SP-134 OR SP-136 OR SP 199 OR 3-4 YEARS H.S. SPANISH.

**SP-293. Business Spanish. 3.00 Credits.****SP-294. Business Writing in Spanish. 3.00 Credits.**

Review of Spanish grammar and syntax through the study of various forms of business writing, including letters, memos, bills, order forms, receipts, resumes, and other forms of correspondence. Prerequisites: SP-114 OR 1-2 YEARS HIGH SCHOOL SPANISH.

**SP-300. Medieval Literature in Spain. 3.00 Credits.**

Development of Medieval Spanish literature from the jarchas to La Celestina. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-301. Lit.: Siglos de Oro of Spain. 3.00 Credits.**

Analysis of representative texts from the principle authors and genres of the Spanish Golden Age. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL ALSO COUNTS FOR CORE.

**SP-310. Spanish Novel of the 19th Century. 3.00 Credits.**

Study of the major novelists of 19th-century Spain, including Pardo Bazan, Blasco Ibanez, and Galdos. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-311. Introduction to Latin American Film. 3.00 Credits.**

A cultural history of Latin America in the twentieth and twenty-first centuries through the study of its cinema. Ability to understand Spanish is recommended Course Type(s): Arts/Language, Addl Humanities.

**SP-312. The Generation of 1898. 3.00 Credits.**

Ganivet, Unamuno and other writers of the Generation of 1898. Taught in Spanish. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-315. Aspects of Spanish Drama. 3.00 Credits.**

Study of various dramatic works in their literary and sociohistorical context. Course Type(s): Arts/Language, Addl Humanities.

**SP-325. Marco Polo & the Silk Road. 3.00 Credits.**

Exploration, through literature, art, film, and music, of Marco Polo's adventures along the Silk Road as he winds his way through Asia. This course may be taken EITHER for Core Modern Language OR for Pluralism, but NOT FOR BOTH. Course Type(s): Pluralism.

**SP-353. 20th Century Literature:Seminar in ISMS. 3.00 Credits.**

The period of the Avant-Garde, Magic Realism, and the newer trends in Hispanic-American literature. Prerequisites: 3-4 YEARS OF HS SPANISH OR SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-355. Seminar: Literature of the Boom I. 3.00 Credits.**

Analysis of several of the representative texts of the explosion of Hispanic-American literary production onto the world market, in their literary, historical, and cultural contexts. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL; Course Type(s): Senior Seminar.

**SP-360. History and Culture of the Philippines. 3.00 Credits.**

A survey of Filipino history from its origins to the present and examination of its culture, as expressed through its customs, art, music, film, and food. Course Type(s): Pluralism.

**SP-361. History & Culture of Mexico. 3.00 Credits.**

Study of the geography, history, culture, traditions, foods, and way of life of Mexico. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120.

**SP-362. History and Culture of Cuba. 3.00 Credits.**

Study of the language, traditions, history, and culture of Cuba from its origins to the present.

**SP-363. History and Culture of Puerto Rico. 3.00 Credits.**

Study of the history of Puerto Rico and exploration of its rich cultural traditions as expressed in language, literature, art, music, cuisine and customs. Course Type(s): Arts/Language, Addl Humanities.

**SP-365. History and Culture of Argentina. 3.00 Credits.**

Study of the language, traditions, history, and culture of Argentina from its origins to the present. Course Type(s): Arts/Language, Addl Humanities.

**SP-370. Picaresque Literature. 3.00 Credits.**

Study of the Picaresque genre through the analysis of representative works such as Lazarillo De Tormes, Guzman De Alfarache, and La Vida Del Buscon. Prerequisites: SP-134 OR SP-136 OR SP-199 OR 3-4 YEARS HS SPANISH.

**SP-371. History and Culture of Spain. 3.00 Credits.**

Study of the history of Spain and exploration of its rich cultural traditions as expressed in language, literature, art, music, cuisine and customs. Course Type(s): Arts/Language, Addl Humanities.

**SP-376. Spain: Brink of New Worlds. 3.00 Credits.**

Students will study in Andalucía (southern Spain) for multiple weeks. The course will investigate three major, world-changing events that are connected to the Iberian peninsula: The fall of western Rome and the rise of Islam; the life and legacy of Columbus; and the Spanish Civil War as the beginnings of World War II. Ideally, your stay in Andalucía will start in late May and last 3 to 4 weeks. Course Type(s): Pluralism, Domestic Travel.

**SP-378. Spanish Drama. 3.00 Credits.**

SP-134 OR SP-136 OR INSTRUCTOR APPROVAL;.

**SP-388. Spanish Civil War in Literature and Film. 3.00 Credits.**

This course will examine the people, places, and events that shaped the Spanish civil war as they are presented in literature and film.

**SP-390. Spanish for Business. 3.00 Credits.**

Specialized and technical vocabulary and situations relating to the Hispanic commercial world. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.



**SP-391. Spanish Translation. 3.00 Credits.**

Study of theories of translation and extensive practice in translation from Spanish to English and English to Spanish. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-399. Independent Study. 3.00 Credits.**

Topics: To Be Determined by Chairperson and Instructor. Course Type(s): Independent Study.

**SP-490. Seminar: Don Quijote. 3.00 Credits.**

Readings, research, and analysis of Cervantes' novel in its socio-cultural, political, and aesthetic contexts. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Add Humanities.

**SP-492. José Martí and Modernismo. 3.00 Credits.**

Critical reading of the works of Martí and the Modernistas with particular attention given to the movement's aesthetic innovations. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-493. The Hispanic Experience in the U.S.. 3.00 Credits.**

Consideration of the heritage and identity of U.S. Hispanics as presented through a variety of Hispanic literary texts through the centuries. Course Type(s): Pluralism, Core curriculum course.

**SP-496. Survey of U. S. Latino Literature I. 3.00 Credits.**

Study of the major authors and works of U.S. Latino literature from its origins through the mid-twentieth century.

## TH Courses

**TH-110. Religious Faith in the Modern World. 3.00 Credits.**

A critical inquiry into the possibility, the meaning, and the value of religious faith in the context of modern knowledge and experience. It is conducted from a Judeo-Christian perspective, but in dialogue with the other religious traditions of the world. Course Type(s): Core curriculum course.

**TH-120. Intro to the Study of Christianity. 3.00 Credits.**

A critical reflection on the meaning of the Christian faith as it is set forth in the New Testament, as it is found in the living tradition of the Church, as it is reflected on by modern thinkers, and as it bears on the issues of our time. Course Type(s): Core curriculum course.

**TH-204. Healthcare in the Christian Tradition. 3.00 Credits.**

This course will provide students with the opportunity to study the centrality of healthcare in the Christian tradition. Beginning with an introduction to the theological, ethical and historical foundations of Christianity, this course will adopt a dual-focus on: (1) the role that healthcare and medical healing have played in the historical development of Christianity as a faith tradition and the Church as a socially-engaged institution and: (2) the theoretical and applied dimensions of contemporary Christian healthcare ethics. Prerequisites: TH-110 OR TH-120.

**TH-206. Christian Social Thought. 3.00 Credits.**

This course will introduce students to the basics of Christian theological, moral & social thought. The course will adopt a service learning approach and as such will examine the origins of the Christian ethical ideals of philanthropy, community service, and love as they relate to issues of social justice and the common good. Consequently, students will be required to engage in 15-20 hours of philanthropic community-service activities and/or social advocacy and activism as a means of connecting the history and theory of the aforementioned concepts to real world practice. Prerequisites: TH-110 OR TH-120; Course Type(s): Mission Seminar.

**TH-210. Community Service-Based Approach to SJ. 3.00 Credits.**

This course introduces students to service-based methods of helping marginalized individuals and groups in local communities while exploring ways to promote justice and alter unjust social structures as a necessary component of community service. Students will identify and define those in need in the community, analyze existing methods for serving the marginalized, and explore ways of furthering service to address the core problems causing this need. The focus of this course study will be on the local level. The course will be viewed through the lens of the Universal Apostolic Preferences of the Society of Jesus and will guide the study. Prerequisites: TH-110 OR TH-120.

**TH-245. The Ignatian Way. 3.00 Credits.**

This course studies the life and spirituality of St. Ignatius of Loyola in context, as well as contemporary applications of his spirituality through reading the important primary Ignatian sources. Prerequisites: TH-110 OR TH-120.

**TH-246. Latinx Spirituality. 3.00 Credits.**

This course presents an introduction to the way Latinos and Latinas live-out their relationship or faith in God or spirituality, both Catholic and Protestant. Prerequisites: TH-110 OR TH-120.

**TH-300. Methods and Sources of Theology. 3.00 Credits.**

An inquiry into the relationship between faith and reason, modern methods of analyzing and interpreting Scripture, and the role of experience, tradition, the Magisterium, and the human sciences in Theology. Prerequisites: TH-110 OR TH-120.

**TH-301. Modern Christian Community: The Church. 3.00 Credits.**

A study of the origin, importance, significance, and activities of the Body of Christ for the disciples of Jesus in his time and our own. Special attention given to different images and structures of the Church and contemporary ecclesial issues. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**TH-304. Ecological Ethics-Religious Environment. 3.00 Credits.**

This course will provide students with the opportunity to study faith-based approaches to environmentalism and ecological ethics. It will offer students an in-depth analysis of religious understandings of the relationship between humans and the natural world as well as the ways in which moral theology and religious ethics speak to issues such as environmental preservation, sustainability, and ecological justice. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**TH-310. The Theology of Grace. 3.00 Credits.**

The Christian understanding of God's saving activity as gratuitous, transforming, and empowering. Includes the insights on the anthropological theology of formative thinkers of the past. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**TH-319. Sacred Time and Travel in Christianity. 3.00 Credits.**

An examination of Christian liturgy and pilgrimage in global perspective, to explore the foundations and nature of Christian belief among its many churches and denominations. Substitutes for TH-120-HP; may also satisfy other Distribution requirements. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Writing Intensive, Pluralism.

**TH-320. Old Testament Introduction. 3.00 Credits.**

An exploration of the Old Testament through selected texts and their contexts. Systematic literary, historical, and social analysis will highlight their significance, key themes and contemporary applicability. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Writing Intensive, Values.

**TH-330. New Testament Introduction. 3.00 Credits.**

An exploration of the New Testament through selected texts and their contexts. Systematic literary, historical, and social analysis will highlight their significance, key themes and contemporary applicability. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Writing Intensive, Values.

**TH-332. New Testament Ethics. 3.00 Credits.**

An introduction to reading New Testament ethical texts, deriving and applying their principles in contemporary life. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**TH-335. Veils to Vestments Women Ancient Rel. 3.00 Credits.**

Veils to Vestments: Women's Leadership in Ancient Religion explores the religious roles and offices taken by women in antiquity using evidence from the Bible and Greco-Roman world. Methodologies for uncovering this evidence and reconstructing women's history will be evaluated. We also consider its implications and applications for the twenty-first century. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Writing Intensive, Values, Pluralism, Mission Seminar.

**TH-343. Black Theology. 3.00 Credits.**

The study of the origins and influence of the major religious traditions found in the American Black community. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**TH-350. Who Is Jesus Christ?. 3.00 Credits.**

A study of the person and significance of Jesus Christ for contemporary Christians in light of Scripture, Catholic Tradition, the Magisterium, and contemporary theologians. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**TH-360. Ethics of War and Peace. 3.00 Credits.**

This course will examine the ethics of waging war and peace - building from a variety of religious and philosophical perspectives. Prerequisites: TH-110 OR TH-120.

**TH-377. Christian Spirituality. 3.00 Credits.**

A study of the varieties of mystical experiences and subsequent theological reflection by formative writers in the Christian tradition. Prerequisites: TH-110 OR TH-120.

**TH-395. Independent Study. 3.00 Credits.**

This course will be used to study any topic in Theology, whether in an already existing course or a new area of study. The area of study should be specified when the student registers for this course: e.g. Independent Study: The New Testament. Prerequisites: TH-110 OR TH-120; Course Type(s): Independent Study.

**TH-398. Propaganda: A Tale of Two Romes. 3.00 Credits.**

Study of the role of propaganda in Ancient and Modern Rome, plus in the Italian language. Additional travel course fee of \$50 Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): International (Travel), Pluralism, Values.

**TH-430. Jerusalem: King David to Caliph 'Umar. 3.00 Credits.**

This course will explore the significance of Jerusalem for Jews and Christians from the time of King David c. 1000 B.C.E. to its takeover by the Muslims under Caliph 'Umar in 638 C.E. Prerequisites: TH-110 OR TH-120; Course Type(s): Writing Intensive.

**TH-431. Med Jerusalem: Jews Christians Muslims. 3.00 Credits.**

An examination of Jerusalem from the beginning of its Muslim period to the Ottomans, and the interactions of the three religions competing for it as their holy city. Archaeological, literary and scriptural evidence receive particular attention. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**TH-436. The Christian Sacraments. 3.00 Credits.**

A critical study of the historical development of the Christian sacraments as vital signs and peak moments in the life of the Christian people. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**TH-484. Christian Medical Ethics. 3.00 Credits.**

Contemporary questions such as abortion, sterilization, technological reproduction, human experimentation, care of the dying, and genetic engineering, studied in the light of the Judaeo-Christian moral tradition. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**TH-486. Morality in the Marketplace. 3.00 Credits.**

Engage in the study of comparative religious economic thought, learn to apply religious ethical principles to decision-making processes in business, and critically assess the economic realities of the marketplace. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**TH-489. International Travel Course. 3.00 Credits.**

International Travel Course. Additional travel course fee of \$50. Prerequisites: TH-110 OR TH-120; Course Type(s): International (Travel).

**TH-495. Theology Capstone. 3.00 Credits.**

This course is a guided research paper on a topic of the student's choice which fulfills the Capstone Course/Project requirement for a major in Theology. Prerequisites: TH-110 OR TH-120; Course Type(s): Capstone.

**TH-496. Theology and Urban Problems. 3.00 Credits.**

A theological view of the Christian tradition on various contemporary urban problems such as poverty, injustice, racism, sexism, housing, unemployment. A study of some actual and possible responses to these problems. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**TH-498. Seminar on Death and Dying. 3.00 Credits.**

A multi-disciplinary study of the experience of dying as shaped by contemporary attitudes. Theological reflection on the perennial mystery of death, and ethical issues surrounding death and dying. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**TH-499. Theology and Contemporary Public Issues. 3.00 Credits.**

Deals with the theological implications of various contemporary environmental and ecological issues: nuclear energy, pollution, nutrition, world hunger, genetics. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**UR Courses****UR-126. Intro Public Policy Social Act. 3.00 Credits.**

This course is an introduction to the public policy and will answer the following questions: What is public policy? Who makes public policy? What impact does public policy have on our lives? The course examines the relationship between public policy and social action.

**UR-137. Nonviolence Community Org. Social Move. 3.00 Credits.**

A study of violence and human nature the theory and practice of nonviolence, how conflicts - local and global - can be solved nonviolently and the lives of past and current peacemakers, including Gandhi, Martin Luther King, Dorothy Day and many others.

**UR-151. The Contemporary City. 3.00 Credits.**

Basic Urban Studies Course. Historical development of urbanization and industrialization in America. Problems of urban development, including housing, environment, crime, race, ethnicity, and class.

**UR-202. Urban Music: Jazz to Hip-Hop. 3.00 Credits.**

This course studies the history of urban music from jazz to rock and roll up to today's urban sounds. The course will concentrate both on the music and its socioeconomic impact on the urban landscape. Prerequisites: SO-121 OR UR-151; Course Type(s): Pluralism.

**UR-220. Urban Architecture & Design. 3.00 Credits.**

Using the city as a laboratory, the class will investigate the various shapes that form, and have formed, the urban environment. Prerequisites: SO-121 OR UR-151; Course Type(s): Pluralism.

**UR-227. Sociology of Salsa. 3.00 Credits.**

This course combines dance lessons with a sociological exploration of New York/New Jersey's salsa scene. Students will learn the fundamentals of salsa music and dance, with a focus on rhythm, timing, musicality and basic steps. Lessons are complemented by discussions and origins of the music as it relates to Latin American and Caribbean history and migration to the northeast. Finally, students will investigate the culture of socials, which are dance parties dedicated to learning and practicing the dance. Class meets two hours per week for lessons and requires a minimum of two additional hours per week of fieldwork TBA. Dance shoes or dance sneakers required. Course Type(s): Pluralism.

**UR-235. Harlem Renaissance. 3.00 Credits.**

This course examines the period beginning in the 1920's known as the Harlem Renaissance. It was a time when black and white Americans alike discovered the vibrancy and uniqueness of black art, music, and literature. The class will also examine the importance of external forces, both positive and negative. Prerequisites: UR-151 OR SO-121; Course Type(s): Pluralism.

**UR-237. Urban Economic Problems. 3.00 Credits.****UR-273. Global Feminisms. 3.00 Credits.**

This interdisciplinary course explores global issues and debates regarding significant issues affecting women's lives and opportunities for equality. Prerequisites: SO-121 OR UR-151.

**UR-286. Haiti and the Revolution (1791-1804). 3.00 Credits.**

This course will examine the Haitian Revolution of 1791-1804 and the formation of the first independent nation in the Caribbean. Course Type(s): Pluralism.

**UR-288. The Role of Religion in Social Protest. 3.00 Credits.**

This course examines various formal and informal roles of religions in social protest from the New York City uprisings through Black Lives Matter and beyond. Prerequisites: SO-121 OR UR-151 OR AS-177.

**UR-300. Wealth Power & Prestige: Soc/Soc Strat. 3.00 Credits.**

Classic Theories and recent research on social inequality and mobility. The linkage of class and behavior education in behavior in education, religion and politics is an essential part of the course. This course utilizes a variety of sociological concepts to examine work as a social institution. In addition to the formal analysis offered, participants in the course will have the opportunity to examine their own role in the world of work. Prerequisites: SO-121 OR UR-151.

**UR-308. Analysis of Urban Social Class. 3.00 Credits.**

Analysis of the processes leading to formation of socio-economic classes in the urban context, including the role of income, wealth, occupation, education, ethnicity, and race. Prerequisites: UR-151 OR SO-121.

**UR-309. Women in Changing Urban World. 3.00 Credits.**

Historical and contemporary examination of urban revolution as social basis for changing roles of women. Generation of conflicts and possibilities. Implications for society. Prerequisites: UR-151 OR SO-121.

**UR-310. American Utopias. 3.00 Credits.**

The Utopian ideal from ancient times to the present, emphasizing the urban strand study of urban communities, past and present, workplace ownership, land trusts, co-ops, and garden cities. Prerequisites: UR-151 OR SO-121.

**UR-315. Computers for Public Policy. 3.00 Credits.**

Course designed to give public sector workers computer literacy with special emphasis on word processing, spreadsheet analysis, computer graphics, etc. Prerequisites: SO-121 OR UR-151.

**UR-324. Poverty & Inequality. 3.00 Credits.**

Description and analysis of the causes, characteristics and consequences of poverty. Links between poverty and inequality. Measurement of the different dimensions of poverty and inequality. Comparative analysis of poverty and inequality across countries. Poverty reduction policies and strategies. Prerequisites: SO-121 OR UR-151.

**UR-326. Community Organization. 3.00 Credits.**

This course examines community organizing in terms of what it is, its impact and the obstacles to change. The course focused on how to bring groups together for collective change. Prerequisites: UR-151 OR SO-121.

**UR-327. Environmental Politics and Policies. 3.00 Credits.**

This course explores the shifting political forces that determine environmental policies. Included is an examination of pressures, interest groups, and the media. Prerequisites: EV-100.

**UR-328. Social Work in Urban Systems. 3.00 Credits.**

Focuses on the major social welfare systems in America and the field of social work as the profession charged with implementing social welfare today. Prerequisites: SO-121 OR UR-151.

**UR-349. The American City through The Wire. 3.00 Credits.**

Very few television shows have captured the realities of the American city and the imaginations of the American public more than the Wire. More than a crime drama, the Wire reminds the viewer that all the pieces matter, as each of the five seasons focuses on a particular facet of the city: the illicit drug trade, working class employment, municipal government and bureaucracy, children and the education system, and the print news media. Using the Wire as the primary text, this course will look at the history of American cities, paying close attention to each season's theme. Course Type(s): Pluralism.

**UR-353. Black Family. 3.00 Credits.**

A look at the historical, political, social, and economic forces that shape the contemporary Black family. Prerequisites: AS-177 OR UR-151.

**UR-370. Urban Anthropology. 3.00 Credits.**

An exploration of the emergence of urban culture in its present form from its neolithic roots. Emphasis on urban life in the New Jersey area, with reference to the peoples and cultures in urban environments world-wide. Prerequisites: SO-121 OR UR-151; Course Type(s): Writing Intensive.

**UR-410. Managing Cross-Cultural Training Skills. 3.00 Credits.**

Analysis of cross-cultural training techniques developed to improve relations between people of different cultures. Resources employed are actual techniques currently used by the U.S. State Department, international corporations and international educational organizations. Prerequisites: SO-121 OR UR-151.



**UR-412. Ethnicity and Race in Urban History. 3.00 Credits.**

Includes the African and European immigrant experiences in America, the effects of slavery and urbanization, and the formation of class consciousness. Prerequisites: SO-121 OR UR-151, AND SO-280 AND SO-384; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Capstone, Writing Intensive, Pluralism.

**UR-450. Research Tech: Social Sciences. 3.00 Credits.**

Paradigms, theory and research; the nature of causation; research design; conceptualization and measurement; operationalization; indexes, scales and typologies; sampling; types of Social research: experiments, surveys, field research, unobtrusive research, and evaluation research. Emphasis on active learning through exercises, report writing and student projects. Prerequisites: SO-121 OR UR-151 AND SO-280; Course Type(s): Senior Seminar.

**UR-451. Soc Issues in Pub Policy I. 3.00 Credits.**

An historical examination of social forces and responses, particularly at the grassroots level, which have contributed to our present institutional arrangements. Particular emphasis is given to the effect of social forces on public policy. Prerequisites: SO-121 OR UR-151.

**UR-452. Soc Issues in Pub Policy II. 3.00 Credits.**

An investigation of public policy issues affecting constituencies in need of social services, such as older citizens, the homeless and those inadequately housed, and those in need of medical care. Prerequisites: SO-121 OR UR-151; Course Type(s): Writing Intensive.

**UR-465. Vietnam and the U.S.. 3.00 Credits.**

A multidimensional view of the Vietnam era. U.S. involvement in Southeast Asia as a backdrop for an examination of changes in America from the late 1950s to the mid 1970s. Impact of Vietnam on civil rights, youth culture, the women's movement. Prerequisites: SO-121 OR UR-151.

**UR-489. Globalization and Fieldwork Seminar. 3.00 Credits.**

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Course Type(s): International (Travel), Pluralism.

**UR-490. Urban Field Work. 3.00 Credits.**

Introductory level of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required. Prerequisites: UR-151 OR SO-121; Course Type(s): Senior Seminar.

**UR-491. Advanced Urban Field Work. 3.00 Credits.**

Advanced level of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required. Prerequisites: UR-151 OR SO-121; Course Type(s): Senior Seminar.

**UR-492. Urban Internship. 3.00 Credits.**

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required. Prerequisites: UR-151 OR SO-121; Course Type(s): Senior Seminar.

**UR-493. Advanced Urban Internship. 3.00 Credits.**

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required. Prerequisites: UR-151 OR SO-121; Course Type(s): Senior Seminar.

**UR-494. Senior Seminar in Sociology/Urban Studie. 3.00 Credits.**

This capstone course ties together the various components in the Sociology/Urban Studies major as well as prepares graduates for the next level. Restricted to Juniors and Seniors in the Public Policy Program. Prerequisites: SO-121 OR UR-151.

**UR-496. Theology and Urban Problems. 3.00 Credits.**

A theological view of the Christian tradition on various contemporary urban problems such as poverty, injustice, racism, sexism, housing, unemployment; a study of some actual and possible responses to these problems. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

**UR-498. Special Topics. 3.00 Credits.****UR-499. Theo and Cont Public Issues. 3.00 Credits.**

Deals with the theological implications of various contemporary environmental and ecological issues: nuclear energy, pollution, nutrition, world hunger, genetics. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

## **YS Courses**

### **YS-122. Nutrition in Health and Disease. 3.00 Credits.**

This course will explore a wealth of current information surrounding optimal nutrition and its association with disease prevention. Students will learn how to develop and implement a personal diet plan utilizing relevant nutritional recommendations and research for the enhancement of health and well-being.

### **YS-161. Introduction to Youth & Family Studies. 3.00 Credits.**

This course introduces students to understandings of and engagement with youth and family development in their broader social, cultural, historical, and political contexts.

### **YS-202. Fundamentals of Coaching. 3.00 Credits.**

An overview of current coaching theory and practice with a special emphasis on the scientific literature depicting best practices and professionalism. In addition, course content will include pedagogy, ethics, the physiological and psychological aspects of athlete development and approaches to teaching technical and tactical skills. This course includes field experience and active learning modules.

### **YS-295. Credited Internships. 3.00 Credits.**

### **YS-496. Senior Project. 3.00 Credits.**

In this capstone course, students design and implement a project that applies research, theory and practice in youth and family development to contribute to local or national efforts in support of youth and families. Course Type(s): Capstone, Senior Seminar.