Art and Design
ARGS 260 91 Visual Art Workshop: Cultural Survey of Jewelry and Adornment
Students will examine and analyze jewelry in terms of aesthetics and socio-cultural influences across time and space. The focus of this class will be on Ancient through Iron Age cultures, many of which are non-western. Students will explore the aesthetics, properties, materials, and technology of early jewelers and artisans, as well as the socio-political environments they thrived in. Students will review literature and images that reflect or encompass current knowledge of various cultures’ jewelry and explore the shortcomings and expansion of said knowledge.

ARGS 560 21 Graduate Visual Arts Workshop: Monograph Research
This class is designed to foster an intense period of reflection, research, and evolution of your practice prior to the beginning of the second year. This is your opportunity to evolve independently the world of our practice -- to develop tools and frameworks to investigate/test your practice and to expand/evolve your practice (world). Collectively we will develop a rigorous research program for the summer during a one week intensive, you will carry this out and then at the end of the summer you will present this research to the class and in a paper (the precursor to your monograph).

ARHT 202 11 Field Trip in Art History: North American Folk Art
We will be meeting twice on campus as well at various collections in the local area, to be conveniently scheduled: Montclair Art Museum, American Museum of Natural History, American Folk Art Museum and National Museum of American Indian; possible Haitian Art collection at Ramapo College.

Biology and Molecular Biology
BIOL 488 31 Selected Topics in Cell and Molecular Biology: DNA Forensic Technology
For details, please contact the department at 973-655-4397.

BIOL 489 11 Selected Topics in Organismal Biology: Cardiovascular Physiology
Functions of the human cardiovascular system with emphasis on maintenance of homeostasis.

BIOL 588 11 Selected Advanced Topics in Physiology: Cardiovascular Physiology
A broad survey of the human cardiovascular system aimed at graduate students who lack an upper-level background in physiology at the undergraduate level. The principles of homeostasis mechanisms as they apply to the human cardiovascular system will be stressed.
BIOL 489 12 Selected Topics in Organismal Biology: Neuroimmunology
The goal of this course is for students to achieve an understanding of current concepts in a rapidly developing field of neuroimmunology. Basic principles, current research advancements, and clinical approaches will be discussed based on known autoimmune conditions affecting nervous system as well as on the effects of nervous system on immune responses. At the end of the course, it is expected that students will be able to describe these principles and concepts clearly as well as understand, summarize, and critique research papers in the area of neuroimmunology.

BIOL 588 12 Selected Advanced Topics in Physiology: Neuroimmunology
The goal of this course is for students to achieve an understanding of current concepts in a rapidly developing field of neuroimmunology. Basic principles, current research advancements, and clinical approaches will be discussed based on known autoimmune conditions affecting nervous system as well as on the effects of nervous system on immune responses. At the end of the course, it is expected that students will be able to describe these principles and concepts clearly as well as understand, summarize, and critique research papers in the area of neuroimmunology.

BIOL 489 12 Selected Topics in Organismal Biology: Neuropharmacology
The goal of this course is for students to achieve an understanding of current concepts in neuropharmacology. Focusing on the nervous system, we will discuss the mechanisms of drug action, current research advancements, and clinical approaches used to treat disorders of the nervous system. At the end of the course, it is expected that students will be able to describe mechanisms of action of the major classes of pharmacological agents as well as understand, summarize, and critique research papers in the area of neuropharmacology.

For details, please contact the department at 973-655-4397.

BIOL 588 12 Selected Advanced Topics in Physiology: Neuropharmacology
The goal of this course is for students to achieve an understanding of current concepts in neuropharmacology. Focusing on the nervous system, we will discuss the mechanisms of drug action, current research advancements, and clinical approaches used to treat disorders of the nervous system. At the end of the course, it is expected that students will be able to describe mechanisms of action of the major classes of pharmacological agents as well as understand, summarize, and critique research papers in the area of neuropharmacology.

BIOL 598 31 Selected Techniques in Molecular Biology: Methods to Assess Cell Growth and Viability
We will use two independent methods to assess cell growth and compare to cell viability. Cell viability measure healthy cells in a sample. This will be accomplished by directly counting the number of healthy cells or by measuring an indicator for healthy cells in cell populations. In contrast cell proliferation is defined as the measurement of actively dividing cells in a sample. This will be determined as the actual number or proportion of proliferating cells in cell culture.
BIOL 598 32 Selected Techniques in Molecular Biology: Methods to Assess Cell Death
Apoptosis (“programmed” cell death) is a natural biological phenomenon by which unwanted cells are eliminated during development and other physiological processes. The sequence of events that a cell undergoes in the course of apoptosis is highly regulated and regimented. Several of these physiological events will be used to monitor the progression of apoptosis. Different methods of apoptosis induction can proceed via different pathways, necessitating the use of several assay methods for confirmation.

BIOL 598 33 Selected Techniques in Molecular Biology: qPCR
This is a laboratory-based course that will provide students with both the theory and hands-on access to perform quantitative real-time PCR (qRT-PCR) experiments. Primer design, optimization of qPCR parameters, as well as computational methods used for assessing quantitative expression of genes will be covered.

BIOL 598 34 Selected Techniques in Molecular Biology: Automated DNA Sequencing
This is a laboratory-based course that will provide students with both the theory and hands-on access to perform automated Sanger dideoxy-sequencing of DNA. Students will utilize state-of-the-art hardware (ABI 3130 Genetic Analyzer) and software to sequence DNA. Use of bioinformatics tools to analyze DNA sequence data will also be addressed.

Classics and General Humanities
GNHU 320 91 Selected Topics in Interdisciplinary Humanities: Bruce Springsteen, The Man and the Music
Bruce Springsteen once wrote, "We learned more from a three-minute record than we ever learned in school" ("No Surrender"). In this course, we will bring those records into our school and learn from them, as we explore the work of Bruce Springsteen, the artists and traditions that influence his music, and the way his work reflects the American experience in the late 20th and early 21st centuries.

GNHU 320 92 Selected Topics in Interdisciplinary Humanities: Classics and Cinema
The worlds of the Greeks and Romans, their myths, arts and histories, have from early on thrived in films (Theda Bara's 1917 Cleopatra), which often provide our most vivid images of the ancient world. This course will allow the student to dig deeper into this rich chapter of cinema history. We’ll read some famous works of Classical literature and some articles which will prepare us to discuss and analyze films either based directly on Classical works, such as Cacoyniss's Iphigenia or Petersen's Troy as well as films set more broadly in the ancient world such as Quo Vadis? and Gladiator. Finally, we’ll also consider films where ancient themes and works are adapted to a modern setting such as O Brother Where Art Thou? and A Dream of Passion. And so much more! If you have problems with prerequisites, let us know.
Communication Studies and Media
CMST 510 21 Special Topics In Communication: Internet Marketing Communication
There's no question today that the worlds of marketing, advertising and public relations are converging. It is no longer sufficient for upper level public relations professionals to have a myopic view of PR and nothing else. Management expects its public relations counsel to know how the profession integrates with marketing, promotions, advertising, and personal selling. You also need to understand the workings of the supply chain in order to integrate fully a strategic plan. Also, the IMC focus today is heavily tilted to relationship marketing. Why is defensive marketing preferable to offensive marketing, and what role does public relations play in creating a long term, loyal customer. The course explores how to seamlessly "integrate" all your communication and marketing efforts into one cohesive strategic approach.

Computer Science
CSIT 585 21 Topics in Computer Science: Information Retrieval and Search Engines
In the modern data age, it is needed to understand how to effectively collect, analyze and access data. Information Retrieval and Searches will concentrate on investigating the techniques for gathering, indexing and searching documents. It will study the basic concepts of information retrieval such as text classification and text clustering. It will look at the methodologies applied to evaluating informational retrieval systems. Finally, it will look at how these techniques are employed in Web Search Engines and how these techniques can be applied in other domains.

Counseling and Educational Leadership
COUN 653 21 Selected Topics in Counseling: Counseling LGBT Clients
This course will address issues related to LGBT (Lesbian, Gay, Bisexual, Transgender) identity development, and will examine issues related to counseling LGBT clients. Issues to be addressed will include sexual identity development, sexual orientation, coming out, homophobia/heterosexism, intersections of multiple identities (i.e. racial, ethnic, spiritual), family/relationships, aging, HIV/AIDS, substance use/abuse, counselor ethics/values, counselor biases, and affirmative counseling.

COUN 653 31 Selected Topics in Counseling: Play Therapy
For this didactic and experiential course, students will learn how to be therapeutic agents in children’s lives by using structured therapeutic play sessions within various counseling settings. Students are taught basic child-centered play therapy principles and skills, including reflective listening, recognizing and responding to children’s feelings, therapeutic limit setting, building children’s self-esteem, and structuring therapeutic play sessions using a special kit of selected toys and play-based materials.
Prerequisites: Graduate students with majors in the CNEL department only.
COUN 653 61 Selected Topics in Counseling: Creative Arts in Counseling
This course presents a comprehensive and developmentally oriented approach that focuses on the application of the creative/expressive arts to the process of counseling clients of all ages, from a variety of backgrounds in schools and community agencies, and primarily focus on clients with special needs. Students will examine the theories, techniques and functions of psychotherapeutic approaches using intermodal expressive arts, emphasizing cross-cultural contexts of creative expression and human development. The course will consist of class discussions, presentations, cooperative and group experiential learning activities, and “hands on” activities/projects that students will prepare and present. The creative arts-based therapies included (but are not limited to): play therapy, visual arts, music, creative dramatics, imagery, sand-play, bibliotherapy, writing, and puppetry for use with a variety of clients of differing age groups.

COUN 850 11 Special Topics in Counseling and Supervision: Social Justice Leadership
This three-credit course is designed to provide best practices of combining counseling, leadership, and social justice. This course will provide doctoral students the opportunity to study social injustice at the individual and systems levels. Students will learn about historical context of social justice, theory, and how to engage in application as social change agents. Social change happens by addressing issues through active engagement with stakeholders as well as having a deep understanding of the root causes and needs of the communities we serve. Utilizing leadership skills, students will understand and utilize an effective approach to work towards social justice.

ELAD 670 21 Selected Topics in Administration and Supervision: Higher Ed Law and Compliance
The course is intended to provide a pragmatic overview of the legal principles and context within which college and university administrators work. Students will be introduced to concepts such as: the public-private dichotomy; institutional governance; constitutional, statutory, and administrative/regulatory law; academic freedom and tenure; contracts; organizational and personal liability; and legal considerations in employment. Of particular emphasis will be an examination of key related regulatory obligations facing administrators including, but not limited to, the following: Americans With Disabilities Act and/or Section 504; the Clery Act; IPEDS reporting requirements; the Family Educational Rights and Privacy Act; Title IX, Title VI, the Violence Against Women (and the campus SaVE Act); and the Drug Free Schools and Campuses Act. Students will also review related critical court cases that serve to establish and define the standards for administrative decision-making in higher education.
ELAD 670 22  Selected Topics in Administration and Supervision: School Safety and Security in Educational Leadership
This course will provide students with the knowledge and skills to do one of the most important leadership jobs of our time; keeping students safe. The course will include content that supports N.J.A.C.6A:16-5.1 School safety and security plans, which state each school district shall develop and implement comprehensive plans, procedures and mechanisms that provide for the safety and security in the public elementary and secondary schools of the school districts. Course content will enhance student’s knowledge of the standards to evaluate their school’s security plans, and ways to develop practical and systematic plans for ensuring an orderly and caring learning environment at all times. Attention is given to the distinction between preventing violence and promoting safety.

ELAD 670 91  Selected Topics in Administration and Supervision: Leadership in Special Education
The school administrator’s role in ensuring students’, parents’, and teachers’ rights and responsibilities with respect to the provision of special education and related services will be explored. Specifically, the parameters for determining those rights will be studied as well as the practical implications for the school administrator. Students will utilize current web-based statutory and regulatory documents as well as relevant caselaw and other resources.

Earth and Environmental Studies
EAES 592 31  Pro-Seminar: Intro to GIS/Remote Sensing
The purpose of this course is to provide the students with an introduction to the concepts and techniques of Geographic Information Systems/Sciences (GIS) and Remote Sensing. It is assumed that the students are familiar with desktop computers (PC), the Windows operating system, web browsing, as well as software such as MS Excel and MS Word. The students will learn extensive operations and use of ArcGIS Desktop software through accomplishing the lab assignments. All lab assignments are designed in the way that will help the students to digest the concepts in a practical environment. While the students will be given sufficient guidance, they are also expected to solve these project assignments on their own, since the best pedagogical approach for learning GIS software is through trial and error. Overall, this course will provide the students with a good introduction in GIS and will prepare the students for further GIS courses and an exciting career in this field.

EAES 592 91 Pro Seminar: Urban Contamination
This is an online course that uses the examples from the published peer-reviewed literatures to introduce the basic concept of environmental contamination and the fundamental principles of environmental assessment. This is an introductory course at the graduate level and suitable for the students who are pursuing their graduate degree study and career in environmental education, science and management. The course will focus on environmental topics that are currently raising the public concerns and interest.
Economics and Finance
FINC 577 21 Selected Topics in Finance: Fixed Income Security Analysis
The course teaches a framework for valuing bonds and estimating the risks that impact bond prices and yields. Students will consider the market forces that shape the term structure of interest rates and the useful information projected in these relationships. They will learn the rudiments of risk management for fixed income securities through hedging and duration-based immunization. An overview of the topics include: Time value of money & bond math; synthetic bond arbitrage & pricing; interpreting bond yields; Spot Yields vs. Yield to Maturity; duration, convexity & immunization; forward interest rates; using binomial trees to value imbedded options

English
ENFL 251 31 Special Topics in Film Studies: New York Onscreen
This course will examine a fascinating cluster of films made in Hollywood between 1967 and 1976 that represent New York City in crisis. Police who commit crimes in order to stop crime, doctors who can not heal amidst overcrowded hospitals and ethnic and minority citizens closed off from the American dream populate these films, working and living in a city literally falling apart. The urban crisis cinema of this period was a current within the “New Hollywood” and traditional genre heroes, from cops to cowboys, appear no longer able to make the world right. Films to be studied include Midnight Cowboy, The French Connection, Across 110th Street, The Hospital, The Taking of Pelham 1,2,3 and Taxi Driver. A final paper will be required.

ENGL 250 31 Special Topics in English or American Literature: Golden Age of Children’s Literature
This course will address literature for children by British, American, and other anglophone writers between the 1860s and the 1920s. This period was children's literature's "Golden Age," when children's writing deviated from earlier moral and didactic forms to other modes, including fantasy, new fairy tales, adventure stories, animal tales, nonsense writing, domestic fictions modeled on the adult realist novel, and other coming-of-age stories. Among the authors covered will be Lewis Carroll, Frances Hodgson Burnett, Rudyard Kipling, Jack London, and A. A. Milne. Along the way, we will also address adaptations of major Golden Age works of children's literature into twentieth-century film. Requirements include regular journal entries, quizzes, and 6-8 page essay.

ENGL 493 61 Special Topics in English or American Literature: Arthur Miller
An intensive study of the plays of one of America's greatest dramatists, whose career spanned more than 60 years, and the relationships between his works and his own life. We’ll begin with his first Broadway success, All My Sons, followed by his two most famous plays, Death of a Salesman and The Crucible. We’ll examine A View from the Bridge, After the Fall, and The Price as well as lesser known later plays such as The Ride Down Mount Morgan, and Broken Glass. We’ll also study some of Miller’s cinematic work, including The Misfits (starring Clark Gable and Marilyn Monroe) and Everybody Wins (starring Nick Nolte and Deborah Winger) plus the made for television film about the holocaust, Playing for Time (starring Vanessa Redgrave).
ENWR 250 Special Topics in Writing: *Writing and Rhetoric in Illness and Medicine*
This course takes as its focus the relationship between writing, language, and the body in illness. We will explore the linguistic work of making sense—in writing and in talk—of bodily transformation, of patient and doctor communication, and of scientific knowledge as it manifests in lived, human experience. Recent disciplinary developments in "narrative medicine" and "medical humanities" inform the work of this course, and will allow us to read across a range of relevant genres. However, our focus will be primarily a rhetorical one, geared towards understanding how and why words function so essentially (and sometimes so impossibly) in the struggle to understand the materiality of illness and medicine. This course will also engage students in their own exploratory and analytical writing work, offering opportunities to consider intersections between lived, human realities and the sometimes disparate language of medicine, diagnosis, and treatment.

Family and Child Studies
FCST 590 91 Selected Topics in Family and Child Studies: *Women and Gender Relations*
This graduate level course will examine gender relations and the constructions of womanhood within society and within the family. Historical events and social forces, which have shaped the status of women will also be covered. Special attention will be paid to the diverse experiences that women have based on their socio-cultural locations.

FCST 831 31 Selected Topics in Family Studies: *Divorce, Remarriage and Stepfamilies*
In this seminar course students develop a critical understanding of the transitions related to divorce, remarriage, and stepfamily functioning with a strong emphasis on factors that promote adjustment and well-being. Students use multiple theoretical approaches to analyze how these transitions are influenced by contextual factors, vary by demographic characteristics, and are related to factors associated with individual and couple well-being. Students also will critically analyze a self-selected problem area related to these family transitions based on their potential dissertation interests.

Health and Nutrition Science
HLTH 347 31 Health Issues Forum: *The Experience of the Arts in Health Care*
The purpose of this course is to provide students with an understanding of the many roles the arts can play in healthcare settings, and how this topic establishes an important, interdisciplinary focus both academically and professionally. Students will attend a healthcare delivery site (e.g., hospital) where they can gain hands-on experience observing and participating in arts-based, service-oriented experiences, reflected in readings and other materials provided within the course. Students would be challenged to reflect critically upon their experiences, and to integrate these reflections relevantly into their own area(s) of study.
HLTH 347 11 Health Issues Forum: Immigrant Health
This course will cover current major health issues affecting immigrants to the U.S., with opportunities for students to focus on specific immigrant communities and the health concerns most relevant to each. The course will also examine social determinants of immigrant health, such as current U.S. policies toward immigrants and how these affect immigrants' health status and access to health services. The course will also include an overview of the history of immigration patterns and policies in the U.S. Students will learn through assigned readings, individual research projects, film, video, other media, and in-class discussion.

HLTH 577 31 Selected Topics in Health: The Experience of Arts in Healthcare
The purpose of this course is to provide students with an understanding of the many roles the arts can play in healthcare settings, and how this topic establishes an important, interdisciplinary focus both academically and professionally. Students will attend a healthcare delivery site (e.g., hospital) where they can gain hands-on experience observing and participating in arts-based, service-oriented experiences, reflected in readings and other materials provided within the course. Students would be challenged to reflect critically upon their experiences, and to integrate these reflections relevantly into their own area(s) of study.

Information and Operations Management
INFO 577 21 Selected Topics in Information Systems for Business: Supply Chain Management
This course provides students with an application opportunity of manufacturing and service operations and their role in the organization and in the supply chain. It surveys a wide range of topics, including process flow analysis, forecasting, capacity planning, inventory management, supply chain management, and quality management. The course deals with these topics through a hands-on interactive approach. The course is integrative in nature, emphasizing the fit and relationship of operations with other functions of the firm. Operations and supply chains have to be designed, managed, and controlled. This course is meant to help you gain an understanding and appreciation of this crucial topic. You will do this in an active learning environment that will develop your critical thinking and analytical skills, improve your oral and written communication skills, enhance your computational skills, and gain experience in working productively with your class-mates.

Linguistics
LNGN 450 31 Selected Topics in Linguistics: Languages in Contact
A study of the effects of bilingualism and multilingualism on society and on the languages involved. By examining a variety of examples, students become familiar with the possible outcomes of language contact and with the factors that play a role in language-policy decisions in multilingual societies. Pidgins and creoles are also studied. Prerequisite: LNGN 210
Management
MGMT 577 21 Special Topics in Management: Management of Innovation
This course will focus on the tools, techniques and concepts necessary to the design, development, and management of innovation processes in product and service-based businesses.

Marketing
INBS 577 21 Selected Topics in International Business: Global Competitive Strategy and Trade
For details, please contact the department at 973-655-4254.

MKTG 493 31 Special Topics in Marketing: Entertainment Marketing
This course looks at the marketing of entertainment. It is meant to be an advanced class in this area as the Department already has a variety of classes that cover all of the interrelated areas of sports, events and tourism marketing. The class utilizes behavioral theories of entertainment including those from the fields of psychology and sociology to better understand the marketing of entertainment and the markets for entertainment services. Local field trips and research are required as part of the course requirements.

Mathematical Sciences
STAT 595 31 Topics in Statistics: Environmental Statistics
This course aims to provide a course of study in statistical data analytic methods for problems in the environmental sciences and to provide a foundation for application of statistical models and methods in future scientific research and policy-driven investigations. Topics include evaluation of data, modeling and estimation, generalized linear models, multivariate analysis, time series analysis, analysis on repeated measurements, and spatial statistics. The course focuses on applications in areas including ecology, environmental health and environmental sciences.
Prerequisite: ENVR 896 for PhD students; ENVR 721 or equivalent for masters students.

Modern Languages and Literatures
FREN 527 91 Selected Topics in 17th Century French Literature: Innovations and Trends in 17th Century French Literature
In this course, we will study the major innovations and trends of seventeenth-century French literature. Crossing genre boundaries from prose and poetry to theater, we will investigate such areas as the development of the roman d’analyse and the epistolary novel; salonnier and communal writing productions such as poetry, letters, and moralist literature; the establishment of the norms of tragedy and comedy; the interplay between movements toward linguistic purity stemming from the Académie française and those toward linguistic diversity emanating from précieux circles; and influence on literature from religious and political spheres. Authors to be studied will include Madame de Lafayette, Guilleragues, Mlle de Scudéry, Mme de Sévigné, Voiture, Descartes, La Rochefoucauld, Corneille, Racine, and Molière.
Music (Cali School of Music)
MUED 510 11 Selected Topics in Music Education: *String Institute*
This course is for string players and non-string players who teach string instruments in the schools. Weeks 1 and 4 will be on-line. Weeks 2 and 3 will be held on campus from 4pm - 8pm. Selected topics include assessment and SGO development, string teaching for the non-string player, improvisation, conducting, and technology.

Political Science and Law
LAWS 599 31 Selected Topics in Law and Governance: *Law and Economics*
An exploration of the relationship of law and economics in the 19th century through the present through the work of Picketty, Stiglitz, Acemoglu and McCloskey.

Psychology
PSYC 659 91 Special Topics Seminar in Psychology: *Ethics and Professional Issues in Psychology*
This course provides a survey of important ethical and professional issues in psychology practice, teaching, and research. Through readings, discussions, and case analyses, this course aims to provide students familiarity with the Ethics Code of the American Psychological Association (APA) and skills for ethical decision making and resolution of ethical dilemmas in psychology.

PSYC 659 92 Special Topics Seminar in Psychology: *Ethics and Professional Issues in Psychology*
This course provides a survey of important ethical and professional issues in psychology practice, teaching, and research. Through readings, discussions, and case analyses, this course aims to provide students familiarity with the Ethics Code of the American Psychological Association (APA) and skills for ethical decision making and resolution of ethical dilemmas in psychology.

Secondary and Special Education
SASE 680 41 Selected Topics in Curriculum and Teaching: *iSTEM Part 2*
iSTEM II
The course emphasizes the development and assessment of grade-appropriate Content Driven Design Challenges that integrate science, technology, engineering and mathematics (STEM). In addition, application of grade-appropriate learning standards for science and mathematics will be included in the design challenges. Students will be exposed to real life application of STEM concepts via visitations to schools using STEM programs, visitation to a high-tech industrial setting, and researching and implementing current trends in STEM education.