

Course Descriptions

COURSE NUMBERING SYSTEM

Courses numbered from 100-299 are introductory courses or courses normally taken in the freshman and sophomore years. Courses numbered from 300-399 are normally taken in the junior and senior years. Courses numbered from 400-499 are senior-level courses.

PREREQUISITES

Students must make certain that they have the necessary prerequisites for each course. Failure to do so may result in inadequate preparation and thus failure of the course. Prerequisites are indicated at the end of each course description.

NOTE: The University reserves the right to cancel courses that have insufficient enrollment.

The curriculum may also be subject to change as a result of ongoing curricular revisions and program development.

Please consult the University Web site (www.aup.edu) for the most recent course descriptions and class schedules.

Anthropology

■ AN 101 Social Anthropology

Encourages students to think critically about social difference from a comparative perspective and to analyze notions like the “family” or “ethnic groups,” which often appear self-evident. Provides them with a basic introduction to the research methods used to investigate social organization. Class projects include interactive and ethnographic projects designed to develop students' research skills and critical thinking.

4 Credits. Offered periodically

■ AN 102 Cultural Anthropology

Encourages critical thinking about human variety and the definition of “culture”. Introduces facts about specific ethnic and national groups and the ways that anthropologists have studied their cultural practices. Class projects help clarify students' perceptions of their own cultural experiences and the role culture plays in their lives. These projects develop research and critical thinking skills.

4 Credits. Offered periodically

■ AN 203 Political Anthropology

Using ethnographic case studies, considers issues of power and political institutions from the cross-cultural and holistic perspectives of anthropology. Discusses diverse definitions of power, authority, and charisma and relates them to the development of a variety of approaches in the field of anthropology, and the social sciences more generally.

4 Credits. Offered periodically

■ AN/CM 349 Media and Ethnography

(See *Communications: CM/AN 349*)

■ AN/ES 361 Anthropology of Cities

(See *European and Mediterranean Cultures: ES/AN 361*)

■ AN/GL 362 Science in Archeology

(See *Science: GL/AN 362*)

Arabic

■ AB 110 Elementary Arabic I

This course is designed to familiarize beginners with the Arabic alphabet system and Arabic writing as well as provide the basis for limited conversation.

4 Credits. Offered once a year.

■ AB 120 Elementary Arabic II

4 Credits. Prerequisite: AB 110 or by permission. Offered once a year.

■ AB 130 Intermediate Arabic I

4 Credits. Prerequisite: AB 120 or by permission. Offered once a year.

■ AB 140 Intermediate Arabic II

4 Credits. Prerequisite: AB 130 or by permission. Offered once a year.

Art

■ AR 110 Introduction to Drawing

A studio course, which provides an introduction to basic drawing problems for the beginning student interested in developing his or her drawing skills. Subject matter includes still life, portraiture, landscape, and the nude. Mediums introduced are: pencil, charcoal, and ink wash.

4 Credits. May be taken twice for credit. Nominal materials fee. Offered every Fall

■ AR 115 Introduction to Painting

For students with little or no previous experience in drawing or painting. First analyzes still life objects in basic plastic terms starting with value. Concentrates during each class session on a new painterly quality until a sufficient visual vocabulary is achieved so that more complicated subjects such as the nude can be approached. Work will be done in acrylic.

4 Credits. May be taken twice for credit. Nominal materials fee. Offered every Fall

■ AR 120 Materials and Techniques of the Masters

Lectures, demonstrations, and workshops focus on materials and techniques used by artists over the centuries. Studies the historical background of techniques of drawing, painting, sculpture, and the graphic arts combined with a hands-on approach so that each student can experience the basic elements of the plastic arts.

4 Credits. Offered every Spring

■ AR 160 Introduction to Photography and Documentary Expression

Provides a basic understanding of camera controls, optics, film, exposure and their influences on the final picture. Primarily “hands-on,” the course also features slide lectures, discussions, and critiques to explore photography's many genres. Equipment requirement: a 35 mm camera with a lens capable of manually setting the shutter speeds,

apertures, and focus.

4 Credits. May be taken twice for credit.

Nominal materials fee. Offered every Fall

■ AR 212 Drawing II

Explores in greater depth the concepts of drawing presented in AR 110.

Concentrates on the study of volume, the construction of shallow and deep space, and the design of shapes and negative space. Working from life provides the main focus; however, drawing from memory and collage develop visual imagination and personal expression.

4 Credits. May be taken twice for credit.

Prerequisite: AR 110 or an equivalent course from another institution.

Nominal materials fee. Offered every Spring

■ AR 216 Painting II

Offers a basic study of visual analysis and contemporary painting techniques. Color theory and its practical application and a solid understanding of painting materials are central to the course.

Working from life provides the main focus. Different methods of paint application are introduced, including direct painting, glazing, scumbling, and the use of the palette knife.

4 Credits. May be taken twice for credit.

Prerequisites: AR 115 or equivalent course from another institution. Nominal materials fee. Offered every Spring

■ AR 231 Introduction to Sculpture

For students who have little or no previous experience. Students learn how to see in three dimensions and work from observation. Mastery of structure and the architecture of form in space are acquired by the "building up" technique in clay. Work from plaster copies, nude models (male and female), and imagination are followed by an introduction to the carving technique.

4 Credits. Nominal materials fee.

Offered every Spring

Art History

Art History Study Trips are conceived as integral parts of many art history courses. The cost of study trips varies. One major trip per semester is offered in many courses.

■ AH 100 Introduction to Western Art I: From Greece to the Renaissance

Teaches the skills needed for an informed approach to art and architecture by introducing the salient concepts, techniques, and developments of Western Art. Studies works from ancient Greece, Rome, and the European Middle Ages in their historical, social, and cultural contexts. Includes visits to museums and

monuments in and around Paris.

4 Credits. Offered every Spring

■ AH 120 Introduction to Western Art II: From the Renaissance to the Present

Continues the study of the most significant monuments of Western painting, sculpture, and architecture, from the Renaissance to the 20th-century. Emphasizes historical context, continuity, and critical analysis. Includes direct contact with works of art in Parisian museums.

4 Credits. Offered every semester

■ AH 200 Paris through its Architecture I: From Roman Paris to 1870

Investigates the growth patterns of Paris from Roman times through the Second Empire. Studies major monuments, pivotal points of urban design, and vernacular architecture on site. Presents the general vocabulary of architecture, the history of French architecture and urban planning, as well as a basic knowledge of French history to provide a framework for understanding the development of Paris.

4 Credits. Offered every semester

■ AH 204 Paris through its Architecture II: 1795 to the Present

Studies contemporary urban and architectural projects such as the Pyramide du Louvre, the Opéra Bastille, the Bibliothèque de France, the Cité de la Musique, etc. against the background of 19th-century Paris. Explores the modern and post-modern movements, in particular the architecture of the *Grands Travaux*, in terms of a dialogue between tradition and innovation. Includes on site study.

4 Credits. Offered periodically

■ AH 206 Putting It in Prints

Prints, from woodcuts to etchings, and more experimental media, operate as social satire, political propaganda, and artistic expression. Addresses the function and production of prints in the modern age. Direct contact with originals introduces issues of connoisseurship and market values. Focuses on artists as diverse as Hogarth, Picasso, and Warhol, and explores the print's power as modern communication and fine art.

4 Credits. Offered periodically

■ AH 211 Ancient Art and Architecture

Introduces first the specific contributions of Greek art to the Western tradition. Then presents the diversification of these achievements in the Etruscan civilization and in the Hellenistic age. Examines how the Romans absorbed, continued, and creatively transformed Greek and Etruscan art and passed the ancient heritage on to medieval and early

modern Europe.

4 Credits. Prerequisites: AH 100 or by permission. Offered every Fall

■ AH 212 Medieval Art and Architecture

Explores the adaptation of ancient art by the Christian religious establishment and the interaction of early medieval artists with the Graeco-Roman tradition. Follows the development of medieval art in the West to the Gothic period by analyzing its spiritual dimensions and diversity as well as the impact on artistic creation of the changing centers of power and influences.

4 Credits. Prerequisite: AH 100 or by permission. Offered every Spring

■ AH 213 Renaissance Art and Architecture

Surveys notable developments in painting, sculpture, and architecture in Italy and in Northern Europe (late 13th-16th centuries). Emphasizes the origins of the Renaissance and the basic stylistic evolution from Early to High Renaissance and Mannerism. Explores the ramifications of the Italian Renaissance mode as it came into contact with other historical and cultural traditions in Northern Europe.

4 Credits. Prerequisite: AH 100, AH 120 or by permission. Offered every Fall

■ AH 214 Baroque and Rococo Art and Architecture

Examines the dynamic and often militant Baroque style in Counter-Reformation Italy and its national variants in France, Spain, and Flanders. Traces the development of new and different modes of expression in the emerging Protestant Netherlands. Explores the evolution from Baroque to Rococo as well as the arts of the 18th-Century in France and England.

4 Credits. Prerequisite: AH 120 or by permission. Offered every Spring

■ AH 216 19th- and 20th-Century Art and Architecture

Introduces the principal arts and aesthetic issues of the 19th and 20th centuries from the French Revolution to World War II. Studies artists such as David, Turner, Monet, and Picasso, as well as movements such as Romanticism, Impressionism, and Surrealism, stressing continuities beneath apparent differences of approach. Regular museum sessions in the Louvre, the Musée d'Orsay, and the Centre Pompidou.

4 Credits. Prerequisite: AH 120 or by permission. Offered every Spring

■ AH 218 Art and the Market

Investigates economic and financial aspects of art over several historical periods. Examines painting, sculpture, drawing, and decorative arts as marketable products, analyzing them

from the perspective of patrons, collectors, investors, and speculators. Studies artists as entrepreneurs. Assesses diverse functions and forms of influence exercised by art market specialists: critics, journalists, public officials, auctioneers, museum professionals, experts, and dealers. *4 Credits. Offered every Fall*

■ **AH/ES 219 The Mosque: Introduction to Muslim Cultures**
This course focuses on the history of Muslim cultures through its religious architecture. Mosques, commemorative, and educational structures will be studied from the beginning of Islam in 7th-century Arabia to its developing into a world religion professed by one-sixth of humanity today. A close study of the buildings' architectural layout and decorum traces the ways in which Muslim dynasties have drawn on the aesthetic vocabulary of the ancient Byzantine and Sasanian civilisations, to articulate their own political legitimacy. *4 Credits. Offered periodically*

■ **AH 224 Introduction to Islamic Art and Architecture**
The aim of this course is to introduce students to the multifaceted and dynamic character of Islamic art by focusing on the highest achievements of the major dynasties. The time frame will span over one thousand years and, geographically, will cover lands from the western Mediterranean to the Indian subcontinent. Lectures will concentrate on the most representative monuments and works of art from each period. After examining the distinguishing features of the art and architecture of the principal dynasties, their salient characteristics and their greatest contributions to Islamic art as a whole it should become evident that the field is both full of striking diversity and overall unity. *4 Credits. Offered periodically.*

■ **AH 300 Impressionism - Post-Impressionism**
Discusses the stylistic and thematic concerns of Manet, Monet, Degas, Pissarro, and Renoir, in the context of artistic theory and practice in mid-19th-century France. Analyzes the art of Gauguin, Van Gogh, Cézanne, and Seurat as responses to Impressionism. Classes at the Musée d'Orsay are scheduled regularly. *4 Credits. Prerequisite: AH 120 or by permission. Offered every other Spring*

■ **AH/ES 307 European Urban Culture: The Glory of Ancient Athens**
(See *European and Mediterranean Cultures: ES/AH 307*)

■ **AH/ES 314 European Urban Culture: Istanbul, an Imperial Palimpsest**

(See *European and Mediterranean Cultures: ES/AH 314*)

■ **AH/ES 316 Society and Spectacle: Painting, Photography, and Film in Germany and Russia between the Two Wars**
European film, photography and painting between the two World Wars shared common concerns in the domains of style, theme and theory. This course explores the parallel paths of painters, photographers and directors associated with German Expressionism and Soviet Constructivism to allow students to investigate the underlying affinities in artistic attitudes and approaches while scrutinizing the specific character of each medium. *4 Credits. Offered periodically*

■ **AH 317 History of Photography**
Introduces students to the evolution of photography, which is both closely related to modern painting and clearly distinct from it. Focuses on major figures such as Atget, Weston, Stieglitz, Steichen, Hine, Brassai, and Man Ray, in an effort to develop the visual skills necessary to understand photographs as specific forms of artistic vision and creation. *4 Credits. Prerequisite: AH 120 or by permission. Offered periodically*

■ **AH 319 The French Connection: American Artists and Collectors in France**
Explores the experiences of American artists in European culture, by participation in artists' colonies such as Pont Aven and in the ateliers of French painters. The expatriate contribution to 19th-century art assessed through Whistler's career. The course will include an analysis of American collectors of French art and their role in introducing modern art to America. *4 Credits. Prerequisite: AH 120 or by permission. Offered periodically*

■ **AH 320-329 Topics in Ancient Art: The Ancient Orient, Greece, Etruria, and Rome**
Courses focusing on issues related to the art of Mediterranean civilizations explore the legacy of the Ancient Orient to later civilizations as well as the frequent reciprocal influences in the pluri-cultural societies of the Mediterranean Basin. Topics include: Art and Mythology; The Power of Images in the Hellenistic Age; Art in the Age of Augustus. Study trips to relevant sites. *4 Credits. Prerequisite: AH 100, AH 211 or by permission. Offered periodically*

■ **AH 330-339 Topics in Medieval Art**
Exposes students to specific issues of medieval art, focusing on art of limited periods, geographic areas, or particular media. Present topics include: Early Christian and Byzantine Art;

Romanesque Art in Europe; Gothic Art in Northern France; and Painting the Written Word: Gothic Illuminated Manuscripts. Appropriate study trips planned for each course. *4 Credits. Prerequisite: AH 100, AH 212 or by permission. Offered periodically*

■ **AH 340-349 Topics in Renaissance Art**
Examines specific topics in painting, sculpture, and architecture in Western Europe from the end of the 13th to the late 16th-century. Recent examples include 15th-Century Art and Architecture in Florence; Venetian 16th-Century Painting; and the French Renaissance. Courses change each year and generally include study trips. *4 Credits. Prerequisites: AH 120, AH 213 or by permission. Offered periodically*

■ **AH 350-359 Topics in 17th- and 18th-Century Art**
Offers students more specialized knowledge of specific aspects of art produced during the Baroque, Rococo, and Neoclassical ages. Topics vary. Offerings include: Three Baroque Masters: Rubens, Rembrandt, and Velazquez; Caravaggio and the Caravaggisti; Princes and Patrons: Art Collecting and Patronage in 17th-Century Europe; Taste and Society: 18th-Century French and English Art and Art Collecting. *4 Credits. Prerequisite: AH 120, AH 214 or by permission. Offered every Fall*

■ **AH 360-369 Topics in Modern Art**
Exploring different areas, these courses emphasize artistic theory as well as practice and view the art object in its cultural context, stressing the importance of conceptual concerns for artists from 1780 to the present. Topics include: The Age of Revolution; Neoclassicism, Romanticism, Realism; The French Connection: American Artists and Collectors in France; Early 20th-Century Art; Art Since 1945. Includes museum sessions and study trips if appropriate. *4 Credits. Prerequisite: AH 120, or AH 216, or by permission. Offered every semester*

■ **AH/PL 374 The Philosophy of Aesthetics**
(See *Philosophy: PL/AH 374*)

■ **AH 390 Junior Seminar: the Historiography and Methodology of Art History**
Introduces the methodologies of the discipline. Develops skills in research and analysis by stressing the close, critical reading of art historical texts and investigating the assumptions and perspectives of major art historians. Provides the opportunity to explore

different methods and approaches.
4 Credits. Prerequisites: junior standing, or by permission. Offered every Fall

■ AH 490 Senior Seminar

The senior seminar involves an in-depth study of major artists, epochs or themes in art history. The course regularly changes focus and approach according to the specialty of the professor. It will, however, always include a historiographic component and may cut across traditional, chronological, and/or geographical boundaries.

4 Credits. Prerequisites: junior or senior standing and AH 390, or by permission. Offered every Spring. May be taken a second time as an upper-level art history elective.

Astronomy

■ SC 130 Astronomy: Exploration of the Universe

(See Science: SC 130)

Biology

■ BI 101 Biology of Organisms

(See Science: BI 101)

■ BI 102 GENES: From Mendel to the Human Genome Project

(See Science: BI 102)

■ BI 105 GERMS: Microbial Friends and Foes in our Environment

(See Science: BI 105)

Business Administration

■ BA 105 Principles of Finance

Surveys and studies the main areas of concern of financial analysis and management. Emphasizes the valuation of physical and financial assets, sources and uses of funds, optimal finance structure, and financial markets and instruments.

4 Credits. Offered periodically

■ BA 201 Financial Accounting

Introduces the basics of financial accounting and reporting for corporations. Studies how to measure and record accounting data and prepare financial statements. Emphasizes the effects of transactions on the financial condition of a company and explores the technical aspects of the principles underlying published financial statements.

4 Credits. Offered every semester

■ BA 202 Managerial Accounting

Provides a basic introduction to the concepts of accounting for purposes of management control and management

decision-making. Topics include: budgeting, budget variance analysis, break-even analysis, product cost accounting, and relevant cost analysis.
4 Credits. Prerequisite: BA 201. Offered every semester

■ BA 220 Management and Organizational Behavior

Introduces various aspects of the process by which people work to achieve organizational goals, and the structure and functions of the organization in which they occur. Using lectures, discussions, and case studies, the course focuses on the problems and challenges facing international management in the fields of planning, controlling, and organizing resources, time, and personnel.

4 Credits. Offered every semester

■ BA 240 Marketing

Introduces marketing concepts and their use in contemporary management. Considers how individuals and firms process information to make decisions, and how firms determine and meet customer demands and needs. Through lectures, discussions, case studies, and written analyses, the course examines the marketing function from a strategic and functional point of view. Considers marketing in the US and in an international context.

4 Credits. Offered every semester

■ BA 301 Finance and Accounting for Multinationals

Introduces the financial and accounting practices unique to a multinational enterprise. Includes exchange rate calculations, business combinations by purchase and stock swaps, consolidated financial reports, translation and transaction exposure and hedging methods (forward trading, money markets, futures, and options) used to offset such exposure.

4 Credits. Prerequisite: BA 201 or by permission. Offered every Fall

■ BA 305 Decision Making Tools for Managers

This course reviews basic business statistics and quantitative decision models, focusing on practical approaches for analyzing data, ways of using data effectively to make informed decisions, and approaches for developing, analyzing and solving models of decision problems. Techniques utilized include: filtering & pivot tables in Excel, sampling and estimation, regression analysis, decision and optimization modeling.

4 Credits. Prerequisite: MA 120 and junior standing.

■ BA 307 Financial Markets

The course explains how financial markets work, and how traded financial instruments are valued and used. The list of instruments includes equities,

fixed-income securities, options, and futures. The course includes the use of computer-based financial models.
4 Credits. Prerequisites: MA 120, BA 201. Offered periodically

■ BA 310 Corporate Finance

Examines finance as the practical application of economic theory and accounting data in the procurement and employment of capital funds. Applies the principles of strong fiscal planning and control to asset investment, and debt and equity financing decisions. Emphasizes sound leveraging in view of the time value of money, subject to the pernicious effects of taxation and inflation.

4 Credits. Prerequisites: BA 201, EC 210. BA 202 recommended for simultaneous registration. Offered every semester

■ BA 312 Business Ethics and Corporate Social Responsibility

Provides conceptual tools for the personal and professional development of future business graduates. Explores the responsibilities of managers and those engaged in business from a deontological and consequentialist perspective. Discusses the roles and responsibilities of organizations as corporate citizens. Learning methods include the use of case studies, individual reflective thinking and group discussions

4 Credits. Prerequisite: BA 220. Offered every semester

■ BA 330 Human Resources Management

Offers a systematic analysis of human resource concepts and practices designed to enhance organizational objectives and employee goals. Studies various aspects of the employment relationship: job design, staffing, employee training and development, diversity management, performance evaluation, compensation and salary administration, employee and labor relations, and collective bargaining. Examines contemporary and emerging human resource systems and models found in the US, Europe, and Asia.

4 Credits. Prerequisite: BA 220 or junior standing. Offered every Spring

■ BA 336 Sales Management

Grounded in the modern relationship view of sales management, this course examines the full range of sales management activity including strategic sales planning and budgeting, recruitment, training, compensation, sales forecasting, and sales ethics. Emphasis is placed on recent empirical research in the field with extensive use of the case study method.

4 Credits. Prerequisites: BA 220, BA 240 or by permission. Offered periodically

BA 345 International Marketing

Reviews the basic principles of marketing and examines the process of marketing goods and services internationally. Covers international marketing strategies and analysis, the marketing mix and tactics. Places special emphasis on cross-cultural problems facing international marketers and managers. Readings are from required text, cases, and recent business press.

4 Credits. Prerequisite: BA 240 or by permission. Offered Summer

BA 347 Cyber Marketing

Building on the knowledge of basic marketing, this course investigates the opportunities and challenges presented by the continuing development of Internet technology. Lectures, short films and Internet workshops will serve to develop the marketing mix for both consumer and B to B firms. Use of the Internet in market research and general marketing communication will also be developed.

4 Credits. Prerequisite: BA 240 or by permission. Offered periodically

BA 350 International Financial Markets

Covers topics such as foreign exchange markets, eurocurrency, eurobonds, international stock markets, interaction and integration of national and international money and stock markets, regulation of eurocurrency markets. Analyzes the uses and valuation of international financial instruments and arbitrage relationships concerning such instruments. Problems are assigned.

4 Credits. Prerequisites: BA 201, EC 220, MA 110. Offered every Spring

BA/MA 366 Multivariate Analysis for Behavior Research

Explores the relationships between and the power and limitations of several multivariable statistical techniques: multidimensional scaling, principal component analysis, correspondence analysis, canonical correlation, cluster analysis and conjoint analysis as tools for meaning making in data analysis in psychology, sociology, economics and business. Computer packages used: Systat, NewMDSx, R, APL and Mathematica.

4 Credits. Prerequisite: MA 120. Offered periodically

BA 370 Operations Management

Focuses on identifying and solving managerial problems that occur in the production and the delivery of goods and services. Studies project management, job design, capacity and layout planning, forecasting, inventory and quality control. Includes a mixture of mathematical models and case studies that help illustrate practical applications of the concepts.

4 Credits. Prerequisites: MA 120, BA 220. Offered every semester

BA 375 Legal Environment of Business

Students will examine the legal process and the legal environment within which business must operate, as well as the interrelationship of government and business. Students develop an understanding of the methods by which legal decisions are formulated as they affect both individual rights and business transactions.

4 Credits. Prerequisite: junior standing. Offered every semester

BA 384 International Business Law

Briefly examines the great legal families in the world: Common Law, Civil Law, Socialist Law, and Islamic Law. Within the Civil Law family, emphasizes French Contract Law and then explores the law of the European Union. Studies the legal aspects of international business transactions and uses major international and European projects to examine the principles discussed.

4 Credits. Prerequisite: junior or senior standing. Offered periodically

BA 398 Internship

All finance majors are required to complete one 4-credit internship. The internship may be done in France or elsewhere. Most internships require fluency in French.

4 Credits. Prerequisite: junior standing. Offered every semester

BA 400 Topics in International Business

Introduces a variety of issues pertinent to firms and individuals operating in an international context. Subjects change every semester. Recent topics included: Marketing of New Products, Market Research, and Consumer Behavior.

4 Credits. Prerequisite: junior or senior standing. Offered every semester

BA 401 Information Systems for Competitive Advantage

This course will present students with some of the important managerial issues in information systems today, such as how to gain competitive advantage through information technology and how to build business intelligence. It will also ensure that students have sufficient computing skills to utilize technology for managerial decision-making.

4 Credits. Prerequisites: BA 220 and senior standing.

BA 402 Entrepreneurship

This course provides the student with the basic understanding of small business management and the activities required for the planning and creation of new enterprises. Entrepreneurial spirit, opportunity identification, new venture selection, ownership options, legal and tax issues will be discussed. Students apply concepts by developing

a business plan. Special attention is given to entrepreneurship in an international setting.

4 Credits. Prerequisites: junior or senior standing, IBA major. Offered periodically

BA 403 International Business

This course introduces students to the international business environment domains. It covers multinational corporation strategic imperatives and organizational challenges. It also addresses the following questions: What differentiates a global industry from a domestic one? What are the sources of competitive advantage in a global context? What organizational structural alternatives are available to multinationals?

4 Credits. Prerequisite: EC 220. Offered periodically

BA 410 Investment Analysis

Introduces the processes and analytical tools necessary for investment decision-making. Provides the basic skills, modes of analysis and institutional background useful to work in the investment area of finance firms or as an individual investor. Students who successfully complete the course are expected to be able to work in the field or to continue their specialization in Security Analysis or Portfolio Management.

4 Credits. Prerequisite: BA 310. Offered every Fall

BA 418 Multinational Business Finance

Deals with the theory and practice of multinational financial management. Topics include: foreign exchange risk management, multinational working capital management, managing intracorporate fund flows, foreign investment analysis, financing foreign operations, and multinational management information systems.

4 Credits. Prerequisites: BA 301, BA 310. Offered every Spring

BA 420 Computational Finance

This course is an introduction to numerical techniques for the valuation and hedging of financial investment instruments such as options and other derivatives. It emphasizes the implementation and use-selected models, and links them to related optimization techniques, such as stochastic programming. It is aimed at providing the basic necessary analytical skills useful to working in financial firms and investment banks.

4 Credits. Prerequisites: MA 120, BA 350. Offered every Spring

BA/MA 430 Quantitative Decision-Making

Demonstrates the use of simple mathematical, statistical, computer techniques to explore marketing, finance, personnel, and production problems. Introduces advanced

techniques of operational research: linear and integer programming, simulation, decision analysis, and statistical forecasting. Reviews basic mathematical concepts underlying these techniques by illustrating their use in specific situations. Studies the strengths and weaknesses of mathematical models through individual and group projects.
 4 Credits. Prerequisites: BA 370, MA 110, MA 120. Offered periodically.

■ BA 450 Business Integration Capstone

The purpose of this course is to integrate all business disciplines in a way that will illustrate how all the pieces fit together. It will have three main components. First, students will participate in a business simulation, where they are responsible for running all facets of an international business. Second, students will analyze a complex case study and then present their findings to an external jury. The third component of the course will be to ensure that students understood and retained the most salient parts of their undergraduate education. This will be accomplished by successful completion of approximately 10 assessment instruments designed to measure the various programmatic student learning outcomes.
 2 Credits. Prerequisite: Senior standing & IBA major. Offered every semester

■ BA 480 Strategic Management

Concentrates on functional skills already acquired by students in the area of general management and corporate and business-level strategy. Through case studies, lecture/ discussions, presentations, and the Business Strategy Game simulation, students perfect analytical skills, problem-solving ability, and the application of strategy concepts to the formation and implementation of strategy.
 4 Credits. Prerequisites: EC 220, BA 240, BA 305, BA 370, BA 380, IBA Major (final semester). Offered every semester

Chinese

■ CN 100 Elementary Chinese

This course is designed to familiarize beginners with the Mandarin Chinese language by focusing on communication useful for everyday situations such as introducing a friend or family member, describing a place or person, renting an apartment, ordering in a restaurant, etc. In addition to work on oral communication, students will acquire a basic knowledge of Chinese characters. Supporting books and documentation will be in English. Explanations in class may be given in English or French. Taught at the Chinese Cultural Center, 1, blvd de la Tour Maubourg. Start and finish

dates may differ slightly from the AUP academic calendar.

3 Credits. Offered periodically.

Communications

■ CM/CS 105 Introduction to Web Authoring

(See Computer Science: CS/CM 105)

■ CM/FM 110 Films and their Meanings

(See Film Studies: FM/CM 110)

■ CM/FM 119 Principles of Video Production (formerly CM 329)

The course is a basic primer on digital video and filmmaking. It introduces students to digital video procedures, equipment, techniques and options, including use of cameras and familiarity with editing systems. Students will become proficient in the use of digital video technology and see how to prepare program material for the web, broadcast and other outlets.
 4 Credits. Offered every semester

■ CM 123 Media Analysis

Begins with the formal analysis of newspaper writing, advertisements and logos, and moves on to key elements of film language and narrative analysis of films, advertising, and video. Examines the processes by which media products are differentiated and attributed value, and how they are deployed to form taste. Considers these in relation to various cultural and political contexts.
 4 Credits. Prerequisite: EN 100. Offered every semester

■ CM 161 Intercultural Communication

Examines how culturally conditioned behavior affects relations between groups. Introduces techniques of ethnological research and observation and encourages students to examine issues such as identity formation, perception of time, space, and body, as well as nonverbal communication. Explores through field assignments the major world views and traditions. Looks at the importance of developing cultural sensitivity and awareness.
 4 Credits. Prerequisite: EN 090. Offered periodically

■ CM 201 Speech

Concentrates on the principles of communication in public speaking. Students learn and practice strategies and techniques for effective speech preparation and delivery of informative, ceremonial, persuasive, and impromptu speeches, and panel presentations. Helps students sharpen their oral presentation skills, express their meaning clearly, and become accustomed to public speaking.
 4 Credits. Prerequisite: EN 110.

Offered every Fall

■ CM/EC 203 The New Economy and the Media

(See Economics: EC/CM 203)

■ CM 204 Comparative Historical Communication

Examines the role of communication in different human societies across time and space. Studies oral and literate cultures, the development of writing systems, printing, and approaches to the image in different traditions. The parallel rise of mass media and western modernity is studied with the invention of books, newspapers, radio, recording, cinema, and television.
 4 Credits. Prerequisite: EN 100. Offered every semester

■ CM 205 Communication and Society

Introduces contemporary social communication theory. Teaches techniques such as interviewing, observation, participant observation, and the ethical evaluation of these techniques. Investigates social interactions by studying group formation, social classes, gender relations, and cultures. Considers how definitions of communication imply values and beliefs in everyday life through such terms as beauty and the good life in various religious and political contexts.
 4 Credits. Prerequisite: EN 110. Offered periodically

■ CM 206 Media Globalization

Offers in-depth comparative analysis of media systems, and how differing types of state regimes, market pressures and professional traditions affect media form and content. Raises ethical and philosophical questions about the ideal role for media in public spheres. Considers the effects of globalization on media organizations, audiences, and societies. Critical analysis of newspapers, films, television news, advertisements, and entertainment shows.
 4 Credits. Prerequisite: EN 100. Offered every semester

■ CM 211 Journalism I

Discusses how news is constituted, gathered and written. Examines different aspects of reporting and seeks to impart Accuracy, Precision, Balance, Objectivity, Tone and Color. Teaches students to write concise, well-constructed stories and understand the basics of a newspaper. Students should expect to do a lot of writing. Builds basic reporting and writing skills with weekly writing assignments.
 4 Credits. Prerequisite: EN 110. Offered every Fall

■ CM 212 Journalism II

Examines reporting in specific locations such as courts, police, health, etc.

Studies US Libel and Slander law and compares it to French, British and other legislation. Ethics and their practical implications for the reporter in the field are also studied. Hones and develops writing skills with regular writing assignments.

4 Credits. Prerequisite: CM 211 or by permission. Offered periodically

■ **CM/FM 218 Writing Fiction for Television**

(See *Film Studies: FM/CM 218*)

■ **CM 221 The Internet and Globalization**

Drawing on cultural theory formulated by academics as well as techno-culture journalists and novelists, this course explores the development of the Internet, its role in society, and the ongoing contests to control it. Topics include: hackers, file sharing, online journalism, virtual communities, online dating, activist networks, intellectual property laws, e-commerce, and the new economy.

4 Credits. Prerequisite: CM 205. Offered periodically

■ **CM/FM 232 Paris Documentaries** (previously CM/FM 332) Course divided into theoretical and practical sections.

The practical half of the course includes daily exercises in "hands-on" documentary research, scripting, sketching and shooting in the streets of Paris, with small video cameras, producing work that will then be critiqued in class. The theoretical component surveys the history of documentary film and different approaches to making documentaries.

4 Credits. Prerequisite: CM 123 or CM/FM 119. Offered periodically

■ **CM 251 Communication Theory and Research Techniques**

The skills learned in this course will prepare students for upper division communication courses, and provide students with basic research techniques in the field of communication. Students will become familiar with a range of research methods (survey, interview, ethnography, discourse analysis, and political economy approach). Research exercises are a primary focus of the course.

4 Credits. Prerequisites: EN 100, CM 123. Offered every semester

■ **CM/IT 302 E-Commerce**

(See *Information Technology: IT/CM 302*)

■ **CM/GS 304 Communicating Fashion**

Explores what happens when dress and grooming become the basis for the modern phenomena of fashion. Studies the historical development of fashion: how fashion relates to the emergence of artistic, social, and economic forms

and the ways fashion communicates ideas about status, gender, or culture. Investigates the role of media, advertising and marketing in the global fashion industry.

4 Credits. Prerequisites: CM 123, CM 204, CM 251. Offered periodically

■ **CM 305 Public Relations and Society**

Overview and critical examination of the history, social effects, and ethics of public relations. Emphasis on professional skill development, including writing press releases, speeches, and fundraising letters. Analysis of public relations as a process, involving research, planning, communication, and evaluation. Focus on professional case studies from business, non-profits, and government, as well as international public relations and crisis management.

4 Credits. Prerequisites: EN 220, CM 123, CM 211 or CM 251. Offered periodically

■ **CM 306 Color as Communication**

Examines the complex nature of color — the "perception" of color, physiological and psychological effects, "philosophical" properties, changing "values" in different historical and cultural contexts — and considers how these elements interact when color is encoded as "sign" in visual communication: as culturally specific signifier, as socio-economic marker, and as international advertising and marketing tool.

4 Credits. Prerequisites: CM 123, CM 251. Offered periodically

■ **CM 311 Comparative Political Communication**

A comparative analysis of the relationship between mass media and political decision-making, including a structural analysis of political and media institutions, as well as the rhetorical/marketing strategies used in the formation of public opinion through, and the impact of public opinion on public policy. Treats these issues in the context of political theories of democracy and theories of citizenship.

4 Credits. Prerequisites: CM 123, CM 251. Offered periodically

■ **CM 313 Broadcast News Writing**

Practical sessions on writing style, news gathering, and working to deadlines. Students practice writing in script format styles similar to those used in regular broadcast newsrooms, and they write from authentic news material: wire dispatches, video rushes, etc. Textbook material is supplemented with video material related to broadcast techniques and current professional issues.

4 Credits. Prerequisites: EN 110, CM 123, CM 211, CM 251 or by permission. Offered every Fall

■ **CM 327 Video Production for Broadcast News**

Gives students a basic overview of the process of producing audiovisual material for non-fiction radio and television, with an emphasis on broadcast news and documentaries; explores the various stages of news production, from the development of a story concept to completion of the finished program. The goal is to enable the student to achieve an understanding of the basic techniques, equipment and the role of key personnel in a professional news environment.

4 Credits. Prerequisites: CM 123, CM 204, CM 211, CM 251 or AR 160. Students who take this course may not take CM/FM 119 Principles of Video Production

■ **CM/SO 331 Media Sociology**

Concentrates on the production, social reproduction and effects of the mass media, drawing on the theories of classical sociologists, including Marx and Weber, as well as more contemporary ones including Bourdieu, Habermas and Lazarsfeld, and Merton. Students learn to think sociologically and critically about diverse mass media, including the print media, radio, television and the Internet. Use of course Web site and small group discussions facilitates the accessing and understanding of peer-reviewed articles in contemporary media sociology. Students develop a reflexive awareness of their own role in media production and consumption.

4 Credits. Prerequisites: CM 123, CM 251. Offered periodically

■ **CM 333 Scripts for Travel**

An introduction to writing features and guide books for the travel market. Students will gain insight into the changing set of processes linked to the practice of contemporary, commodified travel, and the way space for tourist use is represented and used. Urban place-making and branding strategies are examined. Students will practice writing in a variety of travel genres.

4 Credits. Prerequisites: EN 220, CM 123, CM 251. Offered periodically

■ **CM 335 Theory and Practice of Digital Interactivity**

Explores the nature of digital interactivity through analysis of theoretical models and through practical experiments. Students will experience and develop digital interactivity as applied to advertising, public relations, business communications, and as an art form.

4 Credits. Prerequisites: CM/CS 105, CM 123, CM 251, EN 110. Offered periodically

■ **CM/ES 337 The Museum as Medium**

In the Age of Enlightenment, the classification and organization of facts and objects gave birth to the concept of the modern 'museum'. This course investigates the construction and communication of national, cultural, and community identities through the medium of the contemporary museum, where material culture is exhibited to express narratives that evoke particular definitions and interpretations of history and values.

4 Credits. Prerequisite: CM 123, CM 251. Offered periodically

■ **CM/IT 338 Digital Media I**

(See Information Technology: IT/CM 338)

■ **CM 341 Modules in Mass Communication Techniques**

Introduces a practical area of journalism or mass communications. Topics oriented, and subject to change, the course is taught by a professional journalist, film maker, or video maker. Options include: photojournalism, radio journalism, writing for magazines, and multimedia, depending on the availability of professionals and equipment. May be taken more than once for credit.

4 Credits. Prerequisites: CM 123, CM 251. Offered periodically

■ **CM 346 Media Law, Policy, and Ethics**

Examines how constitutional and statutory law define and protect media in different countries. Introduces students to libel law, copyright and author's rights, commercial rights issues, and variations across countries. Examines the role of government institutions and regulatory bodies in formulating policy on matters such as children's television and advertising regulation. Explores the process of self-regulation and issues of journalist's ethics.

4 Credits. Prerequisites: CM 123, CM 206, CM 251. Offered periodically

■ **CM/CS 348 Human-Computer Interaction**

(See Computer Science: CS/CM 348)

■ **CM/AN 349 Media and Ethnography**

Explores how ethnography has been applied to a variety of media to understand how audiences receive media and respond to them. Examines how ethnographers and anthropologists use photography and film to explore 'cultures' and how they are re-appropriating media to express their own concerns.

4 Credits. Prerequisites: CM 123, CM 251 or AN course. Offered periodically

■ **CM 352 Rhetoric and Persuasion**

Studies rhetoric as a historical phenomenon and as a practical reality. Considers how words and images are used to convince and persuade individuals of positions, arguments, or actions to undertake, with particular attention to advertising, politics and culture. Studies the use of reason, emotion, and commonplaces, and compares visual and verbal techniques of persuasion.

4 Credits. Prerequisites: CM 123, CM 204, CM 251, EN 220. Offered every semester

■ **CM/GS 353 Media and Gender**

Examines the role the media plays in defining, shaping, and changing gender roles. The media remains extremely gender specific; the course therefore examines how gender differentiates not only audiences but also audience reactions and tastes, and studies how different cultural systems approach gender and its media representations.

4 Credits. Prerequisites: CM 123, CM 251. Offered periodically

■ **CM 355 Visual Rhetoric: Persuasive Images**

This course will examine the hows and whys by which visual cultural products circulate, attempt to persuade audiences, and have effects in contemporary media cultures. These include: film, television, advertising, public spaces, photojournalism, and new media. The course answers the question: How do images, audio-visual products, and their place in media cultures shape us as individuals, groups, or nations?

4 Credits. Prerequisites: EN 220, CM 123, CM 251. Offered periodically

■ **CM 361 Cultural Institutions, Actors and Goods**

Explores culture as a dimension of public policy, emphasizing the articulation of cultural strategies by a range of institutions and actors: international organizations, national governments, foundations, NGOs, trans-national advocacy networks, cultural workers/artists, and civil society activists. Focuses on policy issues arising from both 'identity politics' and the production and consumption of cultural goods and service in the current international free trade environment.

4 Credits. Prerequisites: CM 123, CM 251. Offered periodically

■ **CM 362 Media Semiotics**

Studies radio and television programs, Web sites, and other media as sign systems. Teaches advanced textual analysis of media through the key concepts of genre, narrative, and how meanings change in different contexts and situations. Applies linguistic theory to media.

4 Credits. Prerequisites: CM 123, CM

251 or by permission. Offered periodically

■ **CM 367 Advertising**

(Formerly BA 362)

Concentrates on links between communication, marketing, and advertising. Advertising is defined as any paid form of presentation or promotion of ideas, goods, or services by an identified sponsor. Students develop advertising plans and learn market research techniques, how to establish objectives, budgets, and creative strategies, and how successful advertising is a planned business building technique to develop sales and profits.

4 Credits. Prerequisite: BA 240. Offered every semester

■ **CM/ES 370 Cultural Dimensions of the European Idea - Selves and Others**

Explores the ways in which Europeans have used notions of culture to articulate ideas of European selfhood and non-European 'Others', the cultural dimensions of European integration and enlargement and the efforts of the council of Europe, the European Union, private foundations and NGO networks to elaborate cultural policy in and for Europe.

4 Credits. Prerequisites: CM 123, CM 251. Offered periodically

■ **CM/PO 371 Representing International Politics**

Examines the reciprocal relations between media and politics. How does television affect politicians' behavior? What is the impact on democratic practice, electoral campaigning, and election results? How does this relationship vary between countries with fully private and commercial television systems, and those with an active state role? Focuses on election advertising, political interviews, and election coverage from many different countries.

4 Credits. Prerequisites: CM 123, CM 251. Offered periodically

■ **CM/FM 372 German Cinema**

(See Film Studies: FM/CM 372)

■ **CM 375 Media Aesthetics**

What we consider to be pleasing, appropriate and/or beautiful is conditioned by culture and 'habitus'. This course examines how global media relates to varying aesthetic standards: the role of media in defining contemporary esthetic values as well as in responding to them.

4 Credits. Prerequisites: CM 123, CM 251. Offered periodically

■ **CM 386 Contemporary World Television**

Introduces the operations of contemporary television. Studies television genres and networks, their characteristics, and their place in the

industry. Studies the use of television genres to structure audience habits and expectations. Examines the practical application of these in the development of schedules and competitive programming between networks, as well as the implications of digitalization, satellite and cable television for this process.

4 Credits. Prerequisites: CM 123, CM 251. Offered periodically

■ CM 398 Internship

Students may undertake an internship in an advertising agency, film company, or television company. A second internship can be undertaken for Communications elective credit.

Students have taken internships at CNN, Harpers, Société Française de Production, Le Courrier International, Sixty Minutes, European Broadcasting Union, amongst many others.

4 Credits. Offered every semester

■ CM 400 Topics in Communications

Topics vary. Using analytic skills learned in core courses, students work with an AUP faculty member, visiting scholar or professional in an area of current interest in the field to be determined by the instructor and the faculty of the Global Communications Department.

4 Credits. Prerequisites: CM 123, CM 251. Offered periodically

■ CM 412 Feature Journalism

Introduces students to the craft through the practice of feature-writing's most common forms, including personality profiles, trend stories, and personal narratives. Emphasizes good reporting; analyses leading writers in the field. While writing a variety of feature articles, students will gain experience in basic techniques, from how to generate ideas to interviewing skills to making writing more vivid and how to edit their own overly vivid writing.

4 Credits. Prerequisites: CM 123, CM 211, CM 251. Offered periodically

■ CM 414 Comparative Journalism

Examines how journalism differs across the world: how journalists approach a subject differently, how they determine what is newsworthy, how they distinguish between what is objective and subjective. Explores the impact of language and style of writing.

4 Credits. Prerequisites: CM 123, CM 211, CM 251. Offered periodically

■ CM 416 Global Advocacy

This course focuses on how transnational actors—governments, citizens, social movements, corporations, NGOs, issue groups, and so forth—communicate to achieve their goals. The course also helps students develop skills in global advocacy, learning the genre of the press release, the organization and transmission of information (or, more accurately,

persuasion) on websites, list-servs, grassroots work, and in visual rhetoric (posters, culture jamming).

4 Credits. Prerequisites: EN 220, CM 123, CM 251. Offered periodically

■ CM 417 Media and War

Surveys major areas of research about Media and War. Students are introduced to the following topics: esthetics of war in film, news, TV, and print media and resulting construction of national and historical memory; close relationship of media entertainment technologies to practices of war; and mediation of war in relation to trends in globalization, empire, and international politics.

4 Credits. Prerequisites: EN 220, CM 123, CM 251. Offered periodically

■ CM 426 Cultures of Music Production

This course looks at how music is culturally produced in every sense: socially, industrially, commercially, and technically. Students will also learn practical radio production skills and cultural journalism forms.

4 Credits. Prerequisites: EN 220, CM 123, CM 251. Offered periodically

■ CM 428 Advanced Video Production

Broadens the basic conceptual skills needed in the production of audio-visual material destined for broadcast, Internet, and other distribution means. Emphasizes creative content development through practical work involving exploration of ideas, scripting, and creatively writing for video. Actual production exercises used for adapting ideas to program formats. Conducted from the producer/director viewpoint, stressing content and production management.

4 Credits. Prerequisites: CM 123, CM 251, CM/FM 119 or by permission. Offered periodically

■ CM 448 Marketing Strategies for Brand Development

Investigates the global communications strategies of commercial companies and how they manage their brands. Covers the entire process of how brands are built and marketed and how corporations use the tools of advertising, promotion, packaging, identity, public relations, events, sponsorships, internal communications and more to create a desired image for the corporation and its brands.

4 Credits. Prerequisites: BA 240, CM 123, CM 251, or by permission. Offered every semester

■ CM 473 Media and Society in the Arab World

Provides broad cultural background to the diverse geopolitical region referred to as 'the Arab World'. Looks at the interplay between the forces and

process involved in the expansion of mass media in this context with a particular focus on state/society development and the role of the media through themes like press freedoms, satellite broadcasting, discursive analysis of media text.

4 Credits. Prerequisites: CM 123, CM 251. Offered periodically

■ CM 490 Senior Seminar

In consultation with the faculty member and with feedback from other students, IC majors complete a senior project before they graduate. Students give class presentations on their projects at each stage of their research and present their projects at the end of the semester.

4 Credits. Prerequisite: senior standing. Offered periodically

Comparative Literature

■ CL 125 The World, the Text, and the Critic I

Considers closely three moments when the practice of writing changed radically in response to historical and cultural processes, from Ancient Greece to 1800 (specific contents change each year). Investigates the forces that inform creative imagination and cultural production. Places those moments and those forces within a geographical and historical map of literary production, and introduces the tools of literary analysis.

4 Credits. No prerequisites. Offered every Fall

■ CL 150 The World, the Text, and the Critic II

Considers closely three moments when the practice of writing changed radically in response to historical and cultural processes, from 1800 to the present day (specific contents change each year). Investigates the forces that inform creative imagination and cultural production. Places those moments and those forces within a geographical and historical map of literary production, and introduces the tools of literary analysis.

4 Credits. Offered every Spring

■ CL/FS 203 We'll always have Paris: Psychology of the City (See French: FS/CL 203)

■ CL/GS 206 Contemporary Feminist Theory (See Gender Studies: GS/CL 206)

■ CL/ES 218 Introduction to Ancient Greece and Rome

The presence of Ancient Greece and Rome in our world cannot be overestimated. The Greeks taught us *demokratia*, our computers have a Latin name. Through ancient Greece and Rome western civilization has

assimilated Near Eastern achievements like the alphabet. Presenting striking show cases, this course enables you to recognize how your life and thought has been shaped by ancient influences and to acquire a basic overview of more than 2000 years of Greco-Roman civilization – from the time of Troy to the many ends of Rome in late antiquity. *4 Credits. No prerequisites. Offered periodically*

■ **CL 219 Socio-Political Space in Classical Antiquity**

Combines literary texts and visual material to look at the archaeological monuments of Ancient Greece and Rome from a political perspective. Investigates the socio-political function and the ideological implications of how the ancients organized the space of their cities, built their temples, theatres, baths and toilets or decorated their houses. Places discussed will include Athens, Delphi, Olympia, Pompeii and Rome, and the class will visit one or more of the sites on a study trip. *4 Credits. No prerequisites. Offered periodically*

■ **CL/FM 228 The Art of Screenwriting**

(See Film Studies: FM/CL 228)

■ **CL 231 American Fiction, 1845-1970: Studies in Compassion**

Surveys American fiction from 1845-1970, with a particular focus on compassion as an intersection for literary, political, and racial discourses and practices. Considers how fictions are positioned as objects of compassion, and how fiction addresses compassion as a social, moral, and political. Texts may include works by Frederic Douglass, Harriet Beecher Stowe, Agnes Smedley, Richard Wright, and Joyce Carol Oates. *4 Credits. Offered periodically*

■ **CL/EN 251 English Literature before 1800**

Begins with Old English literary texts, then examines selections from Chaucer's *Canterbury Tales*, the conventions of Middle English drama and lyrics, earlier Renaissance styles of lyric poetry (Wyatt, Surrey, Sidney), and then Shakespeare's Sonnets and a major Shakespeare play. Reviews the dominant styles of Metaphysical and Cavalier poetry (Donne, Herbert, Marvell, Crashaw, Suckling, Waller, Milton). *4 Credits. Offered periodically*

■ **CL/EN 252 English Literature since 1800**

From the Romantic period, covers major examples of: prose — the transition from the 19th century models to Modernist experimentation; poetry — the development of modern poetic form and the fortunes of European

hermetic influence in an increasingly politicized century; and drama — examples of absurdist and left-wing drama which have dominated the British stage since the 1950s.

4 Credits. Offered periodically

■ **CL 253 The Golden Age in Spain and Europe**

Examines the legacy of the Golden Age in Spain: popular ballad, love lyric picaresque novel, mystic poetry, psychological tale, classical drama, and moral satire. Readings include *La Celestina*, Garcilaso de la Vega, *Lazarillo de Tormes*, Cervantes, Lope de Vega, Tirso de Molina, Calderón, and Quevedo, concentrating on their sources and influence across Europe. Written work accepted in English or Spanish. *4 Credits. Offered periodically*

■ **CL 254 Modern Latin American and Spanish Literature**

Traces modern continental and Latin American literature from the Molièresque comedy of Moratín to the magical realism of García Márquez. Readings include Spanish authors (fiction by Galdós, Unamuno, Cela, Goytisolo), Spanish-American writers (poetry of Neruda, Paz and tales by Borges, Rulfo), and one Brazilian writer (Clarice Lispector). Conducted in English. Written work accepted in English or Spanish. *4 Credits. Offered periodically*

■ **CL 255 Saints and Sinners in the Renaissance**

Presents a panorama of pre-modern Italian poetry, prose, and drama within their European context. Readings include: early religious and erotic lyrics (Sicilians, Tuscans, and Stilnovists), *Inferno* (Dante), *Rime* (Petrarch), *Decameron* (Boccaccio), the fiction and drama of Machiavelli, the love sonnets of Michelangelo, the Socratic dialogues of Tasso, and the Utopian fiction of Campanella. *4 Credits. Offered periodically*

■ **CL 256 French & American Exchanges in Italian Literature**

Offers a sampling of modern and contemporary Italian masters beginning with early modern drama, prose, and poetry. Concentrates on selections from 20th-century poetry and short fiction, with an emphasis on Italian authors who wrote partly in France or in French (Goldoni, Casanova, Leopardi, Ungaretti) or were influenced by America and its literature (Moravia, Pavese, Calvino). *4 Credits. Offered periodically*

■ **CL 257 The Rise of the Hero and the Poet in French Literature**

Defines the originality of early French literature through reading of key texts. Traces innovation and imitation in French masterworks. Discusses topics such as epic quests and bride quests;

courts, courtliness, and discourtesy; women, love, and marriage; Paris and the bourgeois spirit; bawdy tales and idealizing poetry; man's place in the universe and the writer's role in society. Written work accepted in French or English. *4 Credits. Offered periodically*

■ **CL 258 Loves Sacred and Profane in French Lyric**

Follows the development of the love poetry tradition in France from its medieval origins through the Renaissance and into modern times. Studies *troubadour canso*, *trouvère lyric*, late medieval *ballade*, and the Renaissance sonnet sequence, followed by works from the Baroque period to Baudelaire and the contemporary poet Yves Bonnefoy. Written work accepted in French or English. *4 Credits. Offered periodically*

■ **CL/FS 265 Le Plaisir du roman: Great Stories of the XIXth Century**
(See French: FS/CL 265)

■ **CL/FS 275 Theater in Paris**
(See French: FS/CL 275)

■ **CL 285 Literary Theory and Criticism** (formerly CL 385)

Examines the major tenets, philosophical perspectives, and critical orientations of literary theory from Plato and Aristotle to the present. Students study critical texts from literary and non-literary disciplines, schools, and voices that have come to impact the Western theoretical canon, including psychoanalysis, Marxism, Russian formalism, structuralism, deconstruction, feminism, queer theory, new historicism, and post colonialism. *4 Credits. Prerequisite: CL 150. Offered every Spring.*

■ **CL/EN 300 Creative Writing**
(See English: EN/CL 300)

■ **CL 302 Word & Image: Literature and the Visual Arts**

Focuses on late 19th-century events from the beginning of typographical exploration, to the disruptions of Modernism, to contemporary investigations of relationships between literary language and visual form. Studies works from *fin-de-siècle* Symbolist poetry to the violent literary and artistic products of the First World War and beyond, including Woolf, Potter, Proust, Pasolini, Apollinaire, Ashbery, W. C. Williams, and Godard. *4 Credits. Offered periodically*

■ **CL/ES 303 European Urban Culture: Naples and Palermo: The Two Sicilies**

(See European and Mediterranean Cultures: ES/CL 303)

■ **CL/ES 310 European Urban Culture: Edinburgh the City, Scotland the Kingdom**

(See *European and Mediterranean Cultures: ES/CL 310*)

■ **CL 313 The Beginnings of European Literature: Ancient Greece**

Overview of Greek literature from its beginnings to the brilliant intellectuals of the Roman Empire. Tracks the creation of literary forms like lyric, tragedy, and novel. Points out contexts and discourses that nourished this grand enterprise, the invention of literature. Authors considered include Homer, Sappho, Sophocles, Euripides, Aristophanes, Herodotus, Plato, and Plutarch.

4 Credits. Offered periodically

■ **CL 315 Forming a Western Cultural Identity: The Literature of Ancient Rome**

Greece was the cradle of European literature. Rome, from the start a multi-cultural society, was the first to import and transmit it. We will see how Roman authors negotiated the concerns of their own generation within a framework of tradition and innovation. Authors considered include Cicero, Catullus, Horace, Vergil, Livy, Ovid, Seneca, and Apuleius.

4 Credits. Offered periodically

■ **CL/PL 317 Key Texts of Greek and Roman Antiquity**

In-depth study of Ancient Greek and Latin texts or authors of both literary and philosophical interest. Subjects may include, e.g., the comparison of a Greek and a Roman philosopher; close reading of the oeuvre, or part of an oeuvre, of one author; the literary and philosophical analysis of a collection of thematically and generically connected passages.

4 Credits. Offered every Spring

■ **CL 320 Production, Translation, Creation, Publication**

Workshops a range of professional writing and presentation skills for the cultural sphere (cultural journalism, reviewing, grant applications, creative pitches, page layout). Students collectively produce and maintain a website of cultural activity in Paris. Practical work is placed in cultural and theoretical contexts, including introduction to the publication industry, legal contexts, and cultural studies.

4 Credits. Prerequisite: junior standing. Offered periodically

■ **CL/ES 325 Dante and Medieval Culture**

Offers a detailed investigation of *The Divine Comedy*. Traces Dante's development in several related areas (love, mysticism, allegory, poetics, politics) and his affinity with other key cultural figures (Virgil, St. Augustine, St.

Bernard, St. Thomas, Boccaccio).

Includes an overview of medieval history.

4 Credits. Offered periodically

■ **CL 327 Law, Morality, Society: Guilt In Translation**

Examines the interrelationship between the disciplines of Law and Literature. Considers how law circulates in the works of key literary texts which explicitly address legal, juridical, and penal issues. Questions how literature influences, informs, and possibly exposes the claims of law. Selected writers and thinkers may include Dostoyevsky, Kafka, Camus, Foucault, and Nietzsche.

4 Credits. Offered periodically

■ **CL 329 Renaissance Comparative Literature: In Praise of Love, Honor, and Folly**

Introduces the Renaissance ideal through Petrarch. Examines: lyric origins of the love sonnet and sequence with influence across Europe; narrative, with relations of the novella collection to medieval antecedents and the birth of the novel; drama, in connection to classical and modern comedy and tragedy. Includes: Petrarch, Boccaccio, *La Celestina*, Machiavelli, picaresque novel, feminist poetry, and Golden Age drama.

4 Credits. Offered periodically

■ **CL/PL 330 Philosophy and the Theatre**

This course develops a philosophical analysis of three major ruptures in the history of theatre: first, the initial Greek encounter between philosophy and theatre; second the emergence of realism from Diderot to Stanislavsky; and finally modernism, marked by the groundbreaking explorations of Meyerhold, Brecht and Artaud. Four plays will be studied in tandem with theatrical manifestoes and philosophical texts.

4 Credits. Offered periodically

■ **CL/HI 333 Discovery and Conquest: Creation of the New World**

Examines differing perspectives on the discovery, conquest and creation of the New World: Columbus and the encounter of difference; Cortés and the Aztecs; and, 500 years later, the events seen through works of contemporary fiction and post-colonial theory. Includes 15th- and 16th-century documents, Aztec civilization, and 20th-century literature by Pablo Neruda, Octavio Paz, and Carlos Fuentes.

4 Credits. Offered periodically

■ **CL/FS 336 Issues in French Women's Writings**

(See French: FS/CL 336)

■ **CL/DR 338 Shakespeare in Context**

Considers a selection of Shakespeare's plays in the context of the dramatist's explorations of the possibilities of theatricality. Examines how theater is represented in his work and how his work lends itself to production in theater and film today. Students view video versions, visit Paris theaters, and travel to London and Stratford-on-Avon to see the Royal Shakespeare Company in performance.

4 Credits. Offered every Spring

■ **CL/ES 343 The Attraction of Paris: Modernist Experiments in Migration**

Explores the work of Anglo-American modernist writers in Paris, concentrating on the works of Ernest Hemingway, Wyndham Lewis, Gertrude Stein, Djuna Barnes, Jean Rhys, and other writers. Relates their formal experimentation to the visual arts and to the psychic dynamics of exile: the experience of liberation from the constraints of one culture and an alienated relation to the new environment.

4 Credits. Offered periodically

■ **CL/FM 348 Shakespeare and Film**

This course considers how the language of film can sometimes unlock the secrets of Shakespeare's world and help us to understand his contribution to the evolution of art cinema as well as to blockbuster culture. Focus is given to close readings of Shakespeare's plays, analysis of cinematic adaptations and a study of films such as Al Pacino's *Looking for Richard* or *Shakespeare in Love*. Directors Kozintsev, Welles, Godard, Olivier and Kurosawa are also studied.

4 Credits. Offered periodically

■ **CL 351 The Romantic Novel of Revolution**

Focuses on the Romantic novel in Britain and France (1780-1840). Readings include: Laclos, the Marquis de Sade (the bridge between the Enlightenment and the Gothic form), Matthew Lewis (Gothic fiction), Jane Austen (Gothic parody), Sir Walter Scott (birth of the historical novel), Mary Shelley (the pleasures and dangers of individualism), and Stendhal (historical versus psychological realism).

4 Credits. Offered periodically

■ **CL 352 European Romantic Poetry: Feeding Upon Infinity**

Focuses on English, German, and Italian Romanticism, from 1780 to 1820, concentrating on the open and unstable poetics of Wordsworth, Hölderlin, and Leopardi, among others. Contemporary theoretical works, including Herder, Schlegel, and Coleridge, are used to illuminate primary texts where useful, but the

principal concern is the critical analysis of the poems themselves.
4 Credits. Offered periodically

■ **CL/HI 353 In 1871...: Case Study in Comparative Literature and History**

Examines the literature of 1871. Allows for theoretical meditation and research on the local engagements of literature with historical events and processes, including philosophical, technological, and political developments, and work in the other arts, including opera. Studies works by Rimbaud, Whitman, Dostoevsky, Turgenev, George Eliot, Swinburne, Dickinson, Darwin, Nietzsche, Marx, Verdi, and Réclus.
4 Credits. Offered periodically

■ **CL 356 Dostoevsky and the 19th-Century Novel: From Social Romanticism to Fantastic Realism**

Considers the evolution of the Russian writer's work through a series of books leading up to *The Brothers Karamazov*. Examines the controversial stylistic qualities of Dostoevsky's work along with his roles as a great innovator in the history of the novel and as a participant in the ideological debates that marked his century and prefigured our own.
4 Credits. Offered periodically

■ **CL/GS 357 19th-Century Women Writers**

Addresses questions of authorship, literary inheritance, and generic form against a backdrop of interdisciplinary feminist criticism, gender studies, and 19th-century intellectual history. Begins in 1802 with Madame de Staël's novel *Corinne*, or *Italy* and ends with Emily Dickinson's cryptic lyrics. Other authors include Jane Austen, Mary Shelley, Emily Brontë, Charlotte Brontë, Elizabeth Barrett Browning, and George Sand.
4 Credits. Offered periodically

■ **CL 358 The Realist Novel: Documents and Desires**

Studies the dominant literary mode of the 19th-century in France and Britain: the realist novel. Works by Defoe, Richardson, Dickens, Eliot, the Brontës, Balzac, Flaubert, Zola, and James. Relates the effect of realism to surrounding sociological, historical, and psychological writings, and analyzes the desires — encoded in the novel form — to escape and surpass sociology, history, and psychology.
4 Credits. Offered periodically

■ **CL/ES 359 Baudelaire and Flaubert: Writing Modernity**

Studies the literary works, poetic aspirations and legal trials of Flaubert and Baudelaire, while tracing their tremendous influence on 19th-century French literature and their contribution

to the emergence of modernity. Readings include *Madame Bovary*, *Trois contes*, *Bouvard et Pécuchet*, and Baudelaire's *Les Fleurs du Mal* among other works, as well as a range of critical and philosophical commentaries.
4 Credits. Offered periodically

■ **CL 360 Literature and the Political Imagination in the Nineteenth Century**

Approaches western political discourses through major texts of 19th-century literature. Provides an introduction to socialism, anarchism, liberalism, and communism, and relates them to questions of literary production, arguing that the literary and the political imaginations are intimately related. Literary texts studied include fiction by Zola, Gaskell, Dickens, Turgenev, Dostoevsky, Chernyshevsky, and Conrad, and poetry by French and British writers.
4 Credits. Offered periodically

■ **CL 362 Conquering Colonies: America and European Literature**

Examines America's indebtedness to the European tradition and more recent role in its evolution. Explores Europe's importance in molding 19th-century American masters: Hawthorne, Poe, Melville, Crane. Examines European visions of America in *Amerika* (Kafka), and *Poet in New York* (García Lorca), closing on the influence of Faulkner on the *nouveau roman* and of existentialism on Richard Wright.
4 Credits. Offered periodically

■ **CL 364 Magic Realism and the Fantastic: Contemporary Latin American Fiction**

Offers in-depth study of outstanding modern authors (Borges, Cortázar, Rulfo, García Márquez), whose works have defined the world of 20th-century Latin American fiction. A world of the fantastic and magic realism, of philosophical inquiry and existential quest, of labyrinths where at the end there is but one absolute, solitude. All works read in translation. No Spanish required.
4 Credits. Offered periodically

■ **CL 365 Post-War European Literature**

Addresses major themes and preoccupations that have concerned writers since the Second World War. Focuses on writers who have felt and expressed with peculiar poignancy the challenge which the experience of the war poses to our understanding of humanity. Selected writers include Appelfield, Belben, Bernhard, Calvino, Celan, Duras, Gadda, Hofmann, Josipovici, Levi, Perec, Sciascia, Spark.
4 Credits. Offered periodically

■ **CL 368 Worlds of Russian Fiction: Prose Writers of the 19th-Century**

Explores the breadth and innovativeness of Russian fiction through works of different genres by four writers — Alexander Pushkin, Nikolai Gogol, Leo Tolstoy, and Anton Chekhov — who together span the 19th-century. Provides a solid grounding both in the forms of Russian fiction and in the variety of its “worlds”— geographical, intellectual, and imaginative.
4 Credits. Offered periodically

■ **CL/FM 369 The Aesthetics of Crime Fiction**

Examines works of modernist fiction writers: Faulkner, Joyce, Proust, Kafka, Hemingway, Nabokov. Studies works of a second literary revolution that included: Hammett, Greene, Highsmith, Himes. Other readings are: Babel, Carver, Carter, Sciascia, and Daeninckx. Also studies the relationship between the best crime fiction and innovative crime films such as *The Killing*, *Chinatown*, *Le Samouraï*, *Prizzi's Honor*, and *Pulp Fiction*.
4 Credits. Offered periodically

■ **CL 371 20th-Century Latin American Writers: Literature, Politics, and History**

Examines Latin America 500 years after Columbus: parody, despair, the grotesque and the carnivalesque in contemporary novelists. History seen through the eyes of fiction, includes: the jail cell of *Kiss of the Spider Woman* (Manuel Puig), the jungle brothel of *The Green House* (Mario Vargas Llosa), the satirical and unrelenting vision of 20th-century Mexico, *Christopher Unborn* (Carlos Fuentes).
4 Credits. Offered periodically

■ **CL 373 Ulysses and British Modernism**

Reads Joyce's *Ulysses* in depth, and in the context of British modernist culture. Supporting readings include works by Wyndham Lewis and Virginia Woolf, and documents from contemporary periodicals. Articulates the relationships between stylistic creativity and the imagination of new possibilities for living, arguing that stylistic innovation attempts seriously and productively to grasp the emerging difficulties and opportunities of late capitalism.
4 Credits. Offered periodically

■ **CL 374 Russian Modernism: Topics in 20th-Century Russian Literature**

Considers major prose writers who continued the line of Gogol and Dostoevsky into and throughout the 20th-century: Andrei Bely, Evgeny Zamyatin, Isaac Babel, Andrei Platonov, Vladimir Nabokov, Mikhail Bulgakov, Daniil Kharms, Abram Tertz, and Viktor

Pelevin. Focuses upon the continuity of the Russian tradition and its confrontation with the century's upheavals. Discusses Russian modernist visual art and theater.
4 Credits. Offered periodically

■ **CL 376 Modern Sexuality and the Process of Writing**

Considers a range of literary writing in which experimental prose and challenging depictions of sex have together defined a particularly subversive force. Reads these works against the development of particularly modern varieties of sexual identity and sexual behavior. Includes works by Genet, Nabokov, Orton, Bataille, Kathy Acker, Nella Larsen, among others.
4 Credits. Offered periodically

■ **CL 379 Proust and Beckett: The Art of Failure**

Examines Proust's view on time and memory, love and impossibility, knowledge and jealousy in *A la recherche du temps perdu*, the account of magnificent failure, and a transition between the 19th-century and modern novel. The notion of failure is also central to the work of Beckett, greatly influenced by Proust. His *Trilogy* and selected plays are read.
4 Credits. Offered periodically

■ **CL 381 Postcolonial Literatures and Theory**

Explores literary works from Africa, Asia, India, Latin American, Ireland and/or the Caribbean alongside classics from the Western canon that address key colonial and postcolonial issues and concepts: imperialism, nationalism, globalization, empire, resistance writing, feminism, hybridity, border-crossing, exile and cultural translation. Introduces major voices in postcolonial literary and cultural studies, Franz Fanon, Edward Said, Homi Bhabha, and Gayatri Spivak.
4 Credits. Offered periodically

■ **CL/ES 386 The Turn of Irony: Re-cognition in the Western Tradition**

Constitutes an historical and interdisciplinary approach to irony through classical and modern literature (with reference to philosophy and intellectual history). Moving beyond irony as a figure of speech and/or a dramatic situation, the course appraises how irony both organizes limits between the human and non-human and structures their (mis)recognition over the Western tradition (Greek, Christian, Renaissance, Modern and 20th-century writing).
4 Credits. Offered periodically

■ **CL 400 Interdisciplinary Topics in Literature**

Changes every year, offering the chance to study literature from within different perspectives and across different periods. Studies literature as it is actively involved with other artistic practices, such as painting or music, and engaged with other disciplines, such as science or philosophy or cultural studies or gender studies. Recent examples include: Literature and Science, Literature and Politics.
4 Credits. Offered periodically

■ **CL 475 Portfolio**

Under the supervision of the major advisor, students prepare a portfolio of at least 5 essays from their major courses, along with relevant work in other courses, and identify, evaluate and justify the personal focus of their work in an introductory essay. Examined orally by a panel of faculty.
1 Credit. Prerequisite: junior standing. Offered every semester

■ **CL 495 Senior Project**

In consultation with a faculty member, the student undertakes a senior research project, resulting in a 25- to 30-page paper, which is normally on a literary topic or theme in more than one literature. In certain circumstances, a student may propose a creative project in lieu of a critical paper.
4 Credits. May be taken twice for credit. Prerequisite: senior standing. Offered every semester

Computer Science

■ **CS/CM 105 Introduction to Web Authoring**

Introduces Web publishing in 12 sessions. Students will learn the basics of HTML and the use of at least one HTML editor. Site publishing including file structures, image and sound files will be covered.
2 Credits. Offered every semester

■ **CS 110 Introduction to the Use of Computer Environments**

We begin with easily-learned Logo then NetLogo to explore emergent characteristics of multiple-agent systems. Next, we look at Mathematica, an extraordinarily sophisticated computational environment. Finally, we look at some software applications including ubiquitous Excel. Topics from: computer graphics; linear algebra; operations research; statistics; design; computational methods in biology, psychology and economics; visual thinking; general problem-solving and poetry.
4 Credits. Offered every Fall

■ **CS 120 Introduction to Information and Communication Technology**

The course introduces the basic

concepts of computer architecture: data representation, computer arithmetic, the instruction set architecture and explains how a computer works. Students will learn about telecommunications, networks, internet and web applications. After the completion of this course the students will have better ideas of how the information and communication technology can be used in their professional and personal life. The examples and the labs will be based on mobile devices like iPod and iPhone.
4 Credits. No prerequisites. Offered periodically

■ **CS 140 Introduction to Computer Programming I**

Introduces the field of computer science and the fundamental concepts of programming from an object-oriented perspective using the programming language Java. Starts with practical problem solving and leads to the study and analysis of simple algorithms, data types, control structures, and use of simple data structures such as arrays and strings.
5 Credits. Offered every Fall

■ **CS 150 Introduction to Computer Programming II**

This is the second part of the foundation course for the Information and Communication Technologies degree program. Successful students will have a thorough knowledge of the computer language Java, the systematic development of programs, problem solving and a knowledge of some of the fundamental algorithms of computer science. Essential concepts include inheritance, polymorphism, and error handling using exceptions.
5 Credits. Prerequisite: CS 140. Offered every Spring

■ **CS 200 Topics in Computer Science**

Covers a current CS topic of interest. Content changes each semester the course is offered.
4 Credits. Offered periodically

■ **CS 220 Computer Games Design**

This project based course provides an in-depth understanding of how the computer game design process works. Students with no or little programming experience will learn how to create their own computer games using either "drag-and-drop" game engines to create 2Dimensional and 3Dimensional games without any programming or computer programming for wireless devices (cell phones), using a subset of Java programming language J2ME, with examples from the game development process.
4 Credits. No prerequisites. Offered periodically

■ **CS 221 Social Robotics**

This course introduces the fundamental concepts of simulation of complex systems (from collections of a few objects to multi-agent systems and societies in general), computation, and information processing, via a hands-on, active learning approach. By building physical artificial agents and using ready-made simulation programs, students will also learn about modeling complex phenomena along with experiment design and reporting. These skills are essential for any discipline.
4 Credits. Offered every Fall

■ **CS 271 Languages and Data Structures**

Uses predefined classes and class libraries to introduce standard data structures (stacks, queues, sets, trees, and graphs). Studies and implements algorithms for string searching, sorting, trees and graph traversals. Introduces algorithm complexity analysis and big-Oh (O , Θ) notation.
4 Credits. Prerequisite: CS 150. Offered every Fall

■ **CS 310 Computational Methods in the Social Sciences: Agents Based Simulations**

In this project based course students will learn several computational based methodologies that can be used to analyze a wide variety of complex social phenomena in various fields of study. Students will acquire knowledge about fundamental model design principles and gain practical experience with the entire simulation development life-cycle. While the focus will be on agents based simulations, students will become aware of other fundamental methodologies.
4 Credits. Prerequisite: CS 140. Offered periodically

■ **CS/IT 315 Computer Architectures**

The course is an introduction to digital logic and computer organization and architecture. It examines the internal structure and functioning of a modern computer system, emphasizing both the fundamental principles and the role of performance in computer design. The topics covered are: data representation, digital logic, the instruction set architecture, machine and assembly language programming, microprogramming, storage and access techniques, input and output.
4 Credits. Prerequisites: CS 150, MA 140. Offered every Fall

■ **CS 317 Real-Time Systems**

Introduces the principles of real-time systems and embedded systems programming, as well as several programming approaches, including state machines and multithreading. Introduces real-time programming, real-time constraints, determinism, predictability of systems, and

dependability of systems, scheduling approaches including rate monotonic analysis, or earliest deadline scheduling. Describes real-time software engineering approaches (Statecharts, SA/RT-SD/RT, OMT, UML...).
4 Credits. Prerequisites: CS 271, MA 140. Offered periodically

■ **CS 325 Network Architectures**

The course explains through an architecture perspective the principles and practice of computer networking, with emphasis on the Internet and on pervasive computing. The following topics will be covered: structure and components of distributed systems, layered ISO/OSI architectures, protocols, local Area Networks, wide area networking issues including routing, flow control. Some advanced topics will also be covered such as pervasive computing, ad-hoc networks, security, service discovery and queuing theory.
4 Credits. Prerequisite: CS 150. Offered periodically

■ **CS 326 Artificial Intelligence**

Introduces some of the key ideas and concepts in artificial intelligence (e.g. knowledge bases, problem solving). Provides an overview of current applications (expert systems and rule-based systems, language understanding, perception, learning). Introduces some of the techniques (matching, goal reduction, tree pruning, searching, etc.) that are typically used.
4 Credits. Prerequisites: CS 271, MA 140. Offered periodically

■ **CS 332 Operating Systems**

Studies the design and implementation of general purpose operating systems on digital computers: memory management, virtual memory, storage hierarchy evaluation, multiprogramming, process creation, synchronization, deadlock, message communication, parallel programming constructs, I/O management, and file systems. Includes case studies of major operating systems.
4 Credits. Prerequisite: CS 271. Offered every Spring

■ **CS 335 Computer and Network Security**

The course covers principles of computer systems security. We will discuss various attack techniques and how to defend against them. Topics include basic cryptography, authentication, secure network protocols, program security, attacks and defenses on computer systems, smart cards and security evaluation.
4 Credits. Prerequisite: CS 271. Offered periodically

■ **CS 346 Efficient Algorithms**

Develops skill in devising combinatorial algorithms and in analyzing their behavior. Starts with a brief introduction on formal systems,

automata and Turing machines and continues with a study of algorithms for sorting, searching, string processing, geometry, graphs, numeric, and algebraic applications.
4 Credits. Prerequisites: CS 271, MA 140, or by permission. Offered periodically

■ **CS/CM 348 Human-Computer Interaction**

Introduces theories of human-computer interaction and analyzes human factors related to the design, development, and use of Information Systems. Students will apply these theories with examples of design, implementation, and evaluation of multimedia user interfaces. The subject of this course is inherently interdisciplinary and the students attending the course normally represent several majors.
4 Credits. Prerequisite: CS/CM 105 with a minimum 'B' grade or CS 150. Offered every Spring

■ **CS/IT 351 Web Applications**

Introduces web-server-side programming. Students learn the fundamentals of web applications and web servers, security, state management, and dynamic page generation using server-side Java technologies such as Java servlets, Java Server Pages, Java Server Faces and others. Explores database connection, site management and "helper applications" such as FTP servers and e-mail.
4 Credits. Prerequisite: CS 150. Recommended: CS/CM 105. Offered periodically

■ **CS 353 Software Engineering**

Covers methods and tools associated with the entire software life cycle: requirement management, testing and profiling, deployment, change and configuration management, quality management, project management and security. Special emphases are given to object-oriented software analysis and design as a foundation to Model-driven architecture (MDA). Automated and semi-automated tools that support these procedures will also be examined.
4 Credits. Offered periodically

■ **CS 357 Wireless Communications**

The course introduces state-of-the-art wireless technologies and services. The course is project based. Students with little programming experience will learn how to develop wireless applications to solve real life business and communication problems, using Wireless Markup Language (WML), Bluetooth Wireless technology, i-mode, Microsoft.NET Mobile Internet Toolkit and others.
4 Credits. Prerequisite: CS 140 or by permission. Offered periodically

CS/IT 368 Database Applications

Introduces databases from the programmer's perspective. IT and CS students have common lectures but different projects. IT students learn the fundamentals of database design, SQL, and how to integrate a database into applications. CS students learn the fundamentals of database design, application integration, query motors, and space management.

4 Credits. Offered every Spring

CS 372 Compilers Design

Explores computer languages as entities, which can themselves be manipulated by computers by applying the techniques and tools developed in CS 271. Describes lexical and syntax analyzers and their application to compilers. Teaches students to construct a complete compiler for a small language. Studies methods by which data-flow analysis, control-flow analysis and call graphs can be used in language processors.

4 Credits. Prerequisite: CS 271. Offered periodically

CS 400 Senior Option

Covers a current CS topic of interest. Content changes each semester the course is offered.

4 Credits. Offered periodically

CS 491 Senior Seminar I

First part of a final thesis due at the end of this course that allows students to work individually or in groups on a year-long project. One professor oversees and coordinates student work, but other professors may be involved for special projects. Students propose functional specifications and start the implementations. The seminar presents walk-throughs of designs and implementations.

4 Credits. Prerequisite: senior standing in Computer Science. Offered every Fall

CS 492 Senior Seminar II

During this second semester of the senior project, students will complete the implementation of their projects and write a senior thesis.

4 Credits. Prerequisite: CS 491. Offered every Spring

Drama

DR/EN 200 Theater Arts

Offers a practical workshop in the art of acting and dramatic expression. Students learn to bring texts to life on stage through a variety of approaches to performance. This course develops valuable analytical skills through play analysis, as well as building confidence in presentation and group communications skills through acting techniques and the rehearsal and performance of play scenes.

4 Credits. May be taken twice for credit. Offered every semester

DR/FR 277 Acting in French

(See French: FR/DR 277)

DR/CL 338 Shakespeare in Context

(See Comparative Literature: CL/DR 338)

Economics

EC/CM 203 The New Economy and the Media

Studies the main characteristics of the "New Economy" and explores the existing linkages between the digital media, technological innovation and the network economy in relation to the market in a national and international context.

4 Credits. Offered every Fall

EC 210 Principles of Microeconomics

Focuses on the role played by relative market prices in our society and on the forces of market supply and demand in determining these prices. Since the actions of consumers and firms underlie supply and demand, the course studies in detail the behavior of these two groups.

4 Credits. Offered every semester

EC 220 Principles of Macroeconomics

Examines the determinants of the levels of national income, employment, rates of interest, and prices. Studies in detail the instruments of monetary and fiscal policy, highlighting the domestic and international repercussions of their implementation.

4 Credits. Offered every semester

EC 230 Introduction to International Economic Relations

Deals with the mechanisms of international trade and finance. Topics covered include the theory of trade, commercial policy, the international monetary system, the balance of payments adjustments process, regional economic integration, and the role of international organizations in international economic relations.

4 Credits. Prerequisites: EC 210, EC 220. Offered every semester

EC 310 Intermediate Microeconomics

Uses the concepts of formal economic analysis to study topics ranging from the theory of consumer behavior to the formation of market demand, economics of the firm, pricing under competition and monopoly, income distribution, general equilibrium, and welfare economics. Emphasizes the application of various theoretical constructs in the analysis and interpretation of problems encountered in the real world.

4 Credits. Prerequisites: EC 210, EC 220. Offered every year

EC 311 Quantitative Intermediate Microeconomics

Uses calculus to study topics such as the theory of consumer behavior, the formation of market demand, economics of the firm, pricing under competition and monopoly, general equilibrium, welfare economics and various types of market failure. This course covers essentially the same material as EC 310.

4 Credits. Prerequisites: EC 210, EC 220, MA 130. Offered periodically

EC 320 Intermediate Macroeconomics

Studies in depth factors influencing aggregate supply and demand, inflation, unemployment, interest rates, and international payments. Develops an analytic framework for the purpose of investigating the interrelationships among principal macroeconomic aggregates. Discusses current issues and controversies regarding macroeconomic policies.

4 Credits. Prerequisites: EC 210, EC 220. Offered every Spring

EC 329 Issues in Global Economics

Examines the development of modern economics from the first industrial revolution to the present. Some of the topics discussed include: Technological Progress and Innovation in Europe, International Trade, Migration and International Capital Flows, the emergence of Asia and Latin America, the socialist economies, transition capitalistic economies in Eastern Europe and Latin America, Globalization, Convergence and Inequality.

4 Credits. Prerequisites: EC 210, EC 220. Offered periodically

EC 330 Comparative Economic Systems

Studies an economic system in terms of its institutions, goals, instruments, and economic performance. This course will analyze the theory and practice of the capitalist market economies and its varieties. It will review the theory of centrally planned "command" economies and assess the transition economies in practice. Islamic economics in theory and practice will also be visited.

4 Credits. Prerequisites: EC 210, EC 220. Offered periodically

EC 333 Economics of Technology

Focuses on the economic underpinnings of the economics of information and technological innovation. The course covers topics such as agglomeration and localization of innovative firms, impact of innovation on productivity gains, R & D and spillover effects, technology and globalization.

4 Credits. Prerequisites: EC 210, EC 220. Offered every Fall

■ **EC 336 Economics of the Muslim World**

Examines first the subject, methodology, laws and meaning of the Islamic economic system. Studies the nature of consumer behavior, principles of production, ownership, and the distribution of income from an Islamic perspective. Then focuses on the practice of Islamic economics in selected countries in the second part of the course.

4 Credits. Prerequisites: EC 210, EC 220. Offered periodically

■ **EC 342 Economic Development**

Examines the evolution of the concept of economic development and its means of assessment. The course studies the models explaining the process of economic development and the barriers to it. A critical analysis of the success and failure of development theories and policies is examined. A survey of neo-classical, dualist, structuralist, Third-Worldist, Marxist and IMF based discourses of development and underdevelopment are undertaken.

4 Credits. Prerequisites: EC 210, EC 220. Offered every Spring

■ **EC 343 Economics of Sustainable Development**

This course familiarizes students with concepts and methods that are used in the analysis of the interaction between the economy, the environment and society, and studies the range of policies that can be applied to environmental and social problems. The key issue is how markets can be made to work for sustainable development.

4 Credits. Prerequisites: EC 210, EC 220. Offered every Fall

■ **EC 352 International Trade Theory and Policy**

Combines study of classical and new theories of trade and analytical tools for evaluating the economic effects of tariffs and other forms of government intervention in trade with an in-depth examination of how governments regulate international trade in practice. Analysis covers goods and services, multilateral trade rules, developed and developing country experiences.

4 Credits. Prerequisite: EC 230 or by permission. Offered every Spring

■ **EC 353 International Monetary Economics**

Covers the monetary aspect of international trade theory. Discusses the balance of payments and the exchange rate with reference to the institutional framework, focusing on demand management or, more generally, the pursuit of the major economic goals in an open economy. Relates basic theory to current international problems, using a policy-oriented approach.

4 Credits. Prerequisite: EC 230 or by permission. Offered every Spring

■ **EC 360 Managerial Economics**

Applies microeconomic theory to business decision-making, emphasizing efficient use of resources to maximize profits. Considers aspects of the decision sciences as related to business problems while dealing with a profit-maximizing firm in private industry. Examines decision-making under risk and uncertainty, estimation and use of demand functions for forecasting, pricing of interrelated products, market entry strategy, and economic models of advertising.

4 Credits. Prerequisites: EC 210, EC 220. Offered periodically

■ **EC 361 Economic Applications of Game Theory**

Introduces game theory as used in many different disciplines, with an emphasis on economics. The course will focus on finding Nash equilibrium of non-cooperative games. The reasonableness of various kinds of equilibria will also be discussed, as well as departures from the usual assumptions of rational behavior. Students will describe a situation as a game and solve for its equilibria.

4 Credits. Prerequisites: EC 210, EC 220. Offered every Spring

■ **EC 373 Money, Banking, and Finance**

Presents an analysis of the general principles of monetary theory, the role of money, commercial banking and the Federal Reserve System, as they relate to the performance of the economic system. Considers current problems concerning inflation and the use of monetary policy and financial controls. The Internet is used extensively as a pedagogical and research tool.

4 Credits. Prerequisites: EC 210, EC 220. Offered every Fall

■ **EC 376 Public Finance**

Provides the economic rationale for public intervention in markets (public goods, externalities, and distribution), and presents public expenditure issues, such as anti-poverty programs, health care, social security, and revenues, e.g., personal and corporate income taxes, as well as the political economics of public finance.

4 Credits, Prerequisites: EC 210, EC 220. Offered every Fall

■ **EC 385 Economics of the European Union**

Introduces the rationality and history of economic integration in general, and the political economy of the European integration at different stages of its development, as well as microeconomic-macroeconomic policies and the economic performance of the European Union in particular.

4 Credits. Prerequisites: EC 210, EC 220. Offered once per year

■ **EC 386 Introduction to Econometrics**

Includes an introduction to the linear regression model; a review of elementary statistics; the two-variable regression model in detail; the multiple regression model, its use, and problems arising from violations of its underlying assumptions; and an introduction to simultaneous equation models.

4 Credits. Prerequisites: EC 210, EC 220, MA 120. Offered every Spring

■ **EC 391 Topics in Economics**

Courses on different and emerging topics in the discipline, enriching the present course offerings. These classes are taught by permanent or visiting faculty.

4 Credits. Prerequisites: EC 210, EC 220. Offered periodically

■ **EC 490 Seminar in International Economics**

Provides a rigorous analysis of key international economic problems. Subjects treated vary from semester to semester. In addition to the application of tools of analysis developed in previous courses, further theoretical material may be presented. Part of the seminar is centered on the preparation of a major term project.

4 Credits. Prerequisites: EC 210, EC 220, EC 230. Offered periodically

English

For English Literature courses, see Comparative Literature

■ **EN 060 English Grammar Review**

Provides an in-depth understanding of the grammar system of English through formal analysis of excerpts from a variety of sources including academic and non-academic texts and film. Covers fine points such as tense, time, aspect, register, voice, and idioms. Gives individualized feedback to help students focus on their particular needs.

4 Credits. Although this course carries 4 Credits, it does not fulfill the University's English requirement. Offered every semester

■ **EN 070 Grammar for English Speakers**

This is a six-week course for people who speak English but who have never learned how to talk or think about how the language is structured. This course will be particularly helpful for students having trouble with grammatical aspects of their writing and for those trying to learn another language but who lack the concepts and vocabulary to discuss how language, even their own, is structured.

2 Credits. No Prerequisites. Offered periodically

EN 085 Intensive Writing

(Formerly EN 003)

Prepares students to become proficient writers of academic English. Reviews grammar in the context of writing. Students learn the essential steps of writing, such as planning, organization, mechanics, word choice, style, and editing

6 Credits. *Although this course carries 6 credits, it does not fulfill the University's English requirement. Offered every semester*

EN 095 Advanced Intensive Writing

(Formerly EN 001)

Helps students develop greater sophistication, nuance, and style in writing academic papers in English. Allows students to practice all the phases of preparing and producing quality academic writing, including critical thinking, essay planning, outlining and organization, proofreading, editing, and rewriting.

6 Credits. *Prerequisites: EN 085 or EN 003 with a minimum grade of C or placement. Although this course carries 6 credits, it does not fulfill the University's English requirement. Offered every semester*

EN 100 Principles of Academic Writing

Emphasizes the stages required to produce a polished, articulate essay by practicing the necessary components of excellent academic writing: sharpening critical thinking skills, organizing ideas, choosing appropriate and dynamic words, varying prose style, editing, refining, and proofreading.

4 Credits. *Prerequisites: EN 090 or EN 001 or EN 095 with a minimum grade of C or placement. Although this course carries 4 credits, it does not fulfill the University's English requirement. Offered every semester*

EN 110 College Writing

Taught through thematically-linked works of literature from the Ancient world to the present day. Stresses expository writing, accurate expression, and logical organization of ideas in academic writing. Recent themes include: Childhood, Friendship from Aristotle to Derrida, Social Organization and Alienation, Monstrosity, and Music and Literature.

4 Credits. *This course satisfies only 4 credits of the University's English requirement. Prerequisite: EN 100 with a minimum grade of C, or by AUP placement. Offered every semester*

EN/DR 200 Theater Arts(See *Drama: DR/EN 200*)**EN 220 Writing and Criticism**

(Formerly EN 120)
A series of topic-centered courses refining the skills of academic essay

writing, studying a wide range of ideas as expressed in diverse literary genres and periods. Introduces the analysis of literary texts and gives training in the writing of critical essays and research papers. Recent topics include: Utopia and Anti-Utopia, City as Metaphor, Portraits of Women, Culture Conflict, and Labyrinths.

4 Credits. *May be taken twice for credit. Prerequisite: EN 110 with a minimum grade of C, or AUP placement. Offered every semester*

EN 230 Advanced Critical Analysis and Writing

(Formerly EN 130)

Focuses on defining terms, developing positions and strategies for argumentation, based on written and oral summary and synthesis, and on how contextual requirements affect the written and oral expression of ideas. Teaches the use of critical analysis and writing skills mastered in EN 220 in a larger context. Considers issues concerning cultural, economic, and technological value systems from a range of disciplines.

4 Credits. *Prerequisite: EN 220 with a minimum grade of C. Offered periodically*

EN/CL 251 Masters of English Literature before 1800(See *Comparative Literature: CL/EN 251*)**EN/CL 252 Masters of English Literature since 1800**(See *Comparative Literature: CL/EN 252*)**EN/CL 300 Creative Writing**

Discusses the craft of creative writing, and workshops student writing. Focus varies from semester to semester; generally concentrates on fictional modes in Fall, poetry in Spring.

4 Credits. *May be taken twice for credit. Offered every semester*

EN 340 The Study of Language: An Introduction to Linguistics

A basic introduction. Focuses on the core areas of general linguistics: syntax, morphology, phonetics/phonology, historical linguistics, and socio-linguistics. Discusses first and second language acquisition and Pidgin and Creole Languages. A course of interest to both native and non-native English speakers.

4 Credits. *Offered periodically*

European and Mediterranean Cultures

ES 100 Sources of European and Mediterranean Cultures

Chooses as its focus for the semester a topic which is of constant and emblematic importance in the development of European culture over many centuries. Examines the evolution by various means, including text and film.

4 Credits. *Offered every year*

ES 105 Europe and Cities: The Italian Renaissance

Focuses on Florence as a source of culture and artistic flowering, and locus of competition, contestation and strife. Examines the distribution of wealth and the structuring of society and politics, the development of humanist inquiry and pedagogy, the religious climate and artistic patronage. Surveys, for comparison, Rome and Venice.

4 Credits. *Offered every year*

ES 110 Europe and Cities: The Modern City

Studies the foundations of the 19th- and 20th-century city, examining the cultural dynamics of key European cities. Uses film and other texts to question and explore urban modernity.

4 Credits. *Offered every year*

ES/PL 213 Philosophy and Religion I: From the Ancient to the Medieval World(See *Philosophy: PL/ES 213*)**ES/PL 214 Philosophy and Religion II: From the Early Modern to the Postmodern World**(See *Philosophy: PL/ES 214*)**ES/PL 215 Philosophy and the City**

Offers an interdisciplinary, historically informed reflection on the city and its role in civilization from the perspective of philosophy, with emphasis on urban dwelling and citizenship. Topics to be considered: the city and politics, the city and tolerance (law, multiculturalism and religion), the city and its limits (urbs and sub-urbs), real to virtual cities (philosophy, space and digital communities).

4 Credits. *Offered every year*

ES/CL 218 Introduction to Ancient Greece and Rome(See *Comparative Literature: CL/ES 218*)**ES/AH 219 The Mosque: Introduction to Muslim Cultures**(See *Art History: AH/ES 219*)

Environmental Science

SC 120 Environmental Science(See *Science: SC 120*)

■ **ES/HI 225 Contemporary**

Germany

(See *History: HI/ES 225*)

■ **ES/GS 246 Land of Hope and Glory: Culture in Victorian and Edwardian Britain**

19th century and early 20th century Britain was a period in which questions of culture – who defined it and who produced it – were extremely important. This course will look at what the Victorians and Edwardians understood by culture and cultural production, and will examine some of that cultural production more intently in terms of a contemporary understanding of culture. *4 Credits. Offered periodically*

■ **ES 300 Topics in European and Mediterranean Cultures**

Courses will be developed from time to time which examine various aspects of European and Mediterranean cultural and social history, focusing on different questions, historical periods and places. These are taught by permanent or visiting faculty, and will generally be specific to their specialization. *4 Credits. Offered periodically*

■ **ES/FM 300 Topics: The Film Culture of Europe's Cities**

Examines the intricate relationship existing between major European cities (Paris, Rome, Berlin, Moscow, Madrid, London) and cinema. Structured around screenings and classroom lectures, it develops an understanding of how key metropolitan cities have been represented in films, but also how cinematographic art has been influenced by the very rich and unique cultural experiences offered by these cities.

4 Credits. Offered periodically

■ **ES/HI 301 European Urban Culture: Berlin From Imperial Germany to the Third Reich**

A study of Berlin: From elegant palaces and parks to commercial and industrial sectors, investigates the German capital's cultural transitions from 1870 to 1945. Selected dramas, films, and novels offer insight into the political culture of a city constantly in the process of remaking itself. Includes a study trip to Berlin.

4 Credits. Offered periodically. At least 2 Urban Culture courses are offered each semester

■ **ES/HI 302 European Urban Culture: Berlin From Allied Occupation to German Capital**

Examines the Allied partition of Berlin, the politics of the Cold War, the Berlin Air Lift, the emergence of two German states, the division by the Berlin Wall, and the reemergence of a unified city in a new Germany. Films, drama, and novels trace the historical development of the city. Includes a study trip to

Berlin.

4 Credits. Offered periodically. At least 2 Urban Culture courses are offered each semester

■ **ES/CL 303 European Urban Culture: Naples and Palermo: The Two Sicilies**

Focuses on Naples, but also deals with Palermo and Sicily. Studies three representative periods through their history, art, literature, philosophy, and film: the Baroque and beyond; the discovery of Pompeii; Fascism, the War, and their aftermath. Examines representations of Sicily, the South, and the Mafia. Includes a study trip to Naples.

4 Credits. Offered periodically. At least 2 Urban Culture courses are offered each semester

■ **ES/HI 304: The History of Paris**

(See *History: HI/ES 304*)

■ **ES/HI 305 European Urban Culture: Rome from the Renaissance to the Counter-Reformation**

Studies the history of Rome from the 14th-century through the 17th-century. Examines the omnipresence of the Church and the relations between the papal government and the Roman populace. Includes a review of the economic basis of Roman life, the humanistic sphere and the artistic environment. Includes a study trip to Rome.

4 Credits. Offered periodically. At least 2 Urban Culture courses are offered each semester

■ **ES/HI 306 European Urban Culture: Vienna from Baroque to Modernism**

Studies Vienna's culture and Austria's history against a background of spatial transformations from Baroque palaces to the historicist style of the Ringstrasse and the modernist architecture of Wagner and Loos. Investigates building styles, paintings, novels, memoirs, music and films to document the city's development. Some readings are: Freud, Roth, Schnitzler, Zweig. Includes a study trip to Vienna.

4 Credits. Offered periodically. At least 2 Urban Culture courses are offered each semester

■ **ES/AH 307 European Urban Culture: The Glory of Ancient Athens**

Examines the glory of Athens, its political constitution, and its exceptional intellectual and artistic achievements, and the legacy to subsequent Western thought, society, and culture. Studies the period from the end of the Persian Wars to the death of Socrates (479-399 BC). Includes a study trip to Athens and the environs.

4 Credits. Offered periodically. At least 2 Urban Culture courses are offered each semester

■ **ES/HI 308 European Urban**

Culture: Amsterdam and Antwerp from the 15th to the 17th-Century

Compares the two port cities. Examines Antwerp's prosperity, which produced a remarkable cultural flowering, beginning in the late 15th-century. Studies Amsterdam's surge to prominence while Antwerp's fortunes ebbed, an expansion reflecting new Dutch economic and political power, enabling the affirmation of a rich national identity and culture. Includes a study trip to Amsterdam and Antwerp.

4 Credits. Offered periodically. At least 2 Urban Culture courses are offered each semester

■ **ES/HI 309 European Urban Culture: Venice from the Renaissance to the Fall of the Republic**

Studies the history of Venice from the end of the 15th-century to the collapse of the Republic at the end of the 18th-century. Examines politics and government, economics and trade, society, religion, humanism and the arts. Includes a study trip to Venice.

4 Credits. Offered periodically. At least 2 Urban Culture courses are offered each semester

■ **ES/CL 310 European Urban Culture: Edinburgh the City, Scotland the Kingdom**

Traces the development of Edinburgh from the Act of Union with England (1707) to the present, through architecture, philosophy, religion, cultural history, literature, and film. Links the city to Scotland's attempt to define its identity and achieve greater political autonomy. Some authors studied include David Hume, Adam Smith, Irvine Welsh. Includes a study trip to Edinburgh.

4 Credits. Satisfies CL 400 Topics requirement. Offered periodically. At least 2 Urban Culture courses are offered each semester

■ **ES/HI 311 European Urban Culture: Prague: from Imperial City to National Capital**

Crown city of the Habsburg Empire, Prague was for centuries the cultural threshold between East and West in Europe. The course focuses on the political struggles and cultural interactions of Germans and Slavs from Habsburg rule to the emergence of Czechoslovakia and the later Czech Republic. Includes a study trip to Prague.

4 Credits. Offered periodically. At least 2 Urban Culture courses are offered each semester

■ **ES/HI 312 European Urban Culture: The Jewish Presence I: From the Origins to the 17th Century**

Considers the way communities of Jews coexisted in Europe with Christians, and

sometimes with Muslims, throughout history. Focuses on the Jewish presence in European urban culture from the late Middle Ages to the mid-17th-century. Considers all of Europe with emphasis on Cordoba, Cologne, Prague, Venice, Amsterdam, and Ottoman Salonica. Includes a study trip.

4 Credits. Offered periodically. At least 2 Urban Culture courses are offered each semester

■ **ES/HI 313 European Urban Culture: The Jewish Presence II: From the 17th to the 20th Century**

Explores the history of the Jews in Europe from the mid-17th-century to the present with special attention to the effects of urbanization on Jewish belief and practice and the impact of the Jewish presence on European urban culture. Reflects on the themes of assimilation, acculturation, and alienation. Makes specific reference to Warsaw, Amsterdam, Paris, London, and Berlin. Includes a Study Trip.

4 Credits. Offered periodically. At least 2 Urban Culture courses are offered each semester

■ **ES/AH 314 European Urban Culture: Istanbul, an Imperial Palimpsest**

Covers Istanbul's history from its birth as a Greek city in the 7th-century BCE to its transition, first, to Constantinople, a major capital of Christendom, then, to its becoming the seat of the Muslim Ottoman Empire. Examines the city's patronage and imperial prowess by concentrating on works of art, architecture and literature. Includes a study trip to Istanbul.

4 Credits. Offered periodically. At least 2 Urban Culture courses are offered each semester

■ **ES/AH 316 Society and Spectacle: Painting, Photography, and Film in Germany and Russia between the Two Wars**

(See Art History: AH/ES 316)

■ **ES/HI 317 Mediterranean Urban Culture: The Islamic City - History, Spaces, and Visual Culture**

Surveys the history of urban form in the predominantly Muslim cities of the Middle East and North Africa. Students will study the relationship between urban morphology and society, practices of sacred space, and the interplay of power, belief, and architectural form. Also covered are the politics behind the forms now seen as the defining features of Islamic building and the question of the image in Islamic building. On a contemporary note, students will explore the symbolic politics of the Muslim built heritage and examine the extreme conditions facing many Middle Eastern urban populations today. Includes a Study Trip.

4 Credits. Offered periodically. At least 2 Urban Culture courses are offered each semester

■ **ES 318-320 European Urban Culture: Parisian Topics**

Offers a rotation of courses with an interdisciplinary focus on the history and culture of Paris. Subjects include: explorations of the city's life in the Middle Ages, in the Renaissance, and in the 17th and 18th centuries, Revolutionary Paris, Paris at War, and Paris as a Modern Metropolis. Supplements classroom lectures by on-site visits.

4 Credits. Offered periodically. At least 2 Urban Culture courses are offered each semester

■ **ES/FS 321 Paris Au Quotidien: Temoignages Littéraires I (du Moyen Age à la fin de l'Ancienne Régime)**

■ **ES/FS 322 Paris Au Quotidien: Temoignages Littéraires II (de la Révolution à la fin du 19^{ème} Siècle)**

■ **ES/FS 323 Paris Au Quotidien: Temoignages Littéraires III (de la Belle Epoque à nos Jours)**

These three courses examine the daily life of Parisians, in their personal and professional environments, studied in three important periods. A variety of texts (chronicles, correspondence, novels, etc.) is used to testify to the diversity of urban experience and to illuminate life in the French capital. 4 Credits. Prerequisites: FR 220 or FR 235 or equivalent. Taught in French. Students submitting written work in French will be given ES/FS credit; those submitting written work in English will be given ES credit. Offered periodically

■ **ES/CL 325 Dante and Medieval Culture**

(See Comparative Literature CL/ES 325)

■ **ES/HI 329 Mediterranean Urban Culture: Jerusalem, Navel of the World**

This course introduces the student to the geography, history, economy and politics of Jerusalem. Emphasis is placed on the history of Jerusalem as it was imagined and depicted by scores of people - Jews, Christians and Muslims - throughout the ages. Since Jerusalem is one of the most ancient cities continuously inhabited for thousands of years, the course will proceed in chronological order. The final aim is to familiarize the student with Jerusalem's special place and complex role in the histories of the three monotheistic religions, and of the Middle East. 4 Credits. Offered periodically

■ **ES/FS 330 Culture(s) et Nourriture(s)**

(See French: FS/ES 330)

■ **ES/CM 337 The Museum as Medium**

(See Communications: CM/ES 337)

■ **ES/FS 340 Littérature et colonialisme: Ecrire dans la langue du maître**

(See French: FS/ES 340)

■ **ES/CL 343 The Attraction of Paris: Modernist Experiments in Migration**

(See Comparative Literature: CL/ES 343)

■ **ES/CL 354 The 18th-Century Divide Between Philosophy and Literature**

(See Comparative Literature: CL/ES 354)

■ **ES/CL 359 Baudelaire and Flaubert: Writing Modernity**

(See Comparative Literature: CL/ES 359)

■ **ES/AN 361 The Anthropology of Cities**

Presents an anthropological approach to the study of cities, providing students with theoretical and methodological tools to think critically about the meaning of urban life today. Approaches this topic from a cross-cultural perspective, with a number of readings focusing on Paris in particular. Students will undertake a Paris-based qualitative research project during the course of the semester.

4 Credits. Offered periodically

■ **ES/CM 370 Cultural Dimensions of the European Idea**

(See Communications: CM/ES 370)

■ **ES 384 Documenting Change in French Society: 1914 to the Present**

Examines events and tendencies that have shaped French society since World War I. For a country which went from predominantly agricultural to post-modern in less than a century, what better means than life captured on celluloid or in print? Documentaries, feature films, and written documents help students understand the evolution of this society. Taught in French.

4 Credits. Prerequisites: FR 220 or FR 235 or equivalent. Offered periodically

■ **ES/FS 391 Topics (Sorbonne)**

A limited number of students with requisite oral and written competence in French may follow one course at the Université de Paris IV – Sorbonne. Every semester, a different selection of courses will be proposed from the Sorbonne's History department, generally on a subject of the cultural and social history of Europe. Students who are selected for participation attend amphitheater lectures and classroom meetings (travaux dirigés) at the Sorbonne, and also classroom

meetings at AUP through the semester with a designated faculty member. Tests, exams, oral presentations and papers are assigned both at the Sorbonne and at AUP. The course grade and credits are given as for an AUP course. Information on this cooperative program is available from Professors Marie Roussel and George Wanklyn (European and Mediterranean Cultures). *4 Credits. Prerequisites: FR 220 or FR 235 or equivalent.*

Department of Language Research and Teaching

FR 125 Intensive Elementary French

This course is intended to help students acquire the basic elements of spoken and written French. Students will learn how to express themselves in everyday life situations. This course will use the students' encounter with a different country, language and its impact on their definition of who they are. The students' basic needs for linguistic and cultural information will be the main focus of this course. In class, work will be supplemented by multimedia activities and real-life situations in the city of Paris. Taught in French. *6 Credits. Prerequisite: None. Offered every semester*

FR 225 Intensive Intermediate French

This course opens students to discussions on their experience in Paris. Cultural and historical aspects of the French "différence" are introduced. Students learn to express opinions, beliefs, doubts, and emotions and are shown various language registers (formal/informal vocabulary and structures) and intonations. Examples are taken from real life situations, film, television, newspaper articles, etc... The four language skills (listening, speaking, reading, and writing) are reinforced and special emphasis is placed on pronunciation. Taught in French.

6 Credits. Prerequisite: FR 125 Intensive Elementary French or equivalent. Offered every semester

FR 235 French for Communication and Culture

Ce cours se propose de développer et d'approfondir les connaissances de l'apprenant. Il lui permet d'atteindre le niveau d'« utilisateur indépendant » tel que défini par le Cadre européen commun de référence mis en œuvre par le Conseil de l'Europe (Niveau B1). L'apprentissage se fait à l'aide de documents authentiques (écrits, oraux et visuels) et de visites servant de base à la réflexion, à la consolidation et au réemploi des acquis socioculturels et linguistiques. Taught in French.

6 Credits. Prerequisite: FR 210 or FR

225 Intensive Intermediate French or equivalent. Offered every semester

Language courses: Courses to help acquire linguistic skills in French: reading, translating, speaking and writing.

FR 205 French for Conversation

This course focuses on communicative strategies in informal social contexts requiring competence in spoken French. The ample use of multimedia exercises and the close study of authentic or re-created oral situations in dialogues (in theatre, films, skits, documentaries, spontaneous situations) will enable students to acquire the French body language using passive and active vocabulary and grammatical structures in real life situations. Taught in French. *4 Credits. Prerequisite: FR 210, FR 225 or equivalent. Offered periodically*

FR 209 French for Writing

This course is designed for students interested in literature. After reading a series of representative novels' abstracts or short fictions, plays and poetry, students will be taught the main notions of literary study in French and the principles of French literary scholarship (dissertation, commentaire composé, explication de texte, exposé oral). Students will improve their written argumentative and communicative skills in French. Taught in French. Strongly recommended for French Majors. *4 Credits. Prerequisite: FR 220, FR 235 or equivalent (a good reading and speaking knowledge of French). Offered periodically*

FR 263 French for International Business

This course is designed for students interested in international business or who intend to work or travel for business in French-speaking countries. Students will learn about the present economic questions and climate in France and Europe, learn about practices and traditions that make French business different from its counterparts in the United States or elsewhere (according to students' interests). Taught in French.

4 Credits. Prerequisite: FR 220 or FR 235 or equivalent. Offered periodically

FR/DR 277 Acting in French

For non-francophones. Aims at improving oral skills, expression, spontaneous production of French using drama and situations closer to reality than usual classroom settings. Thanks to acting techniques, students will learn to use their relationships with the world and others to stimulate their imagination and their own creativity.

4 Credits. Prerequisite: FR 220 or FR 235 or equivalent. Offered periodically

FR 293 Initiation à la traduction

(Formerly FR 203 French for Translation) This course is designed to help students learn both linguistic and cultural differences by translating French prose into English and English prose to French (specific themes to be chosen according to students' interests). Emphasis will be placed on the acquisition of vocabulary, grammatical forms and usages, and sentence structures. The notion of styles of discourses and the study of the principles and problems of translating skills will be introduced. Taught in French.

4 Credits. Prerequisite: FR 210 or FR 225 or FR 235 or equivalent. Offered periodically

Language courses: Advanced courses of a more specialized nature designed to improve a particular skill: oral comprehension, translation, written and oral grammar, contemporary vocabulary and corrective pronunciation.

FR 294 Pratique de la traduction

(Formerly Advanced Translation) This course is designed for students intending to improve their written French and vocabulary. The tools and principles of both French-English and English-French translations will be taught to help students discuss the particular questions posed by cultural transpositions. Texts will derive from various contexts with an emphasis on literary, philosophical or political themes according to the instructor's choice. Taught in French.

4 Credits. Prerequisite: FR 235, FR 209 or FR 307 or equivalent. Offered periodically

FR 305 L'art de la conversation

Using authentic material from various media, the students will be given systematic exercises to improve their comprehension of a large variety of francophone voices and accents recorded in different contexts (daily lives, media interviews or professional presentations). The students will summarize the main points of these short oral texts and therefore improve on their logical and oral argumentative skills. Taught in French.

4 Credits. Prerequisite: FR 220 or FR 235 or equivalent. Offered periodically

FR 306 L'art de la prononciation

For French majors and other students who plan to enroll in advanced courses. This course is designed to improve the students' spoken French and vocabulary while studying and practicing the French language sound system.

4 Credits. Prerequisite: FR 220 or FR 235 or equivalent. Offered periodically

FR 307 Advanced Grammar

This course is designed for highly motivated students who plan to enroll in advanced French courses on campus or abroad. Heavy emphasis will be placed on individual work based on customized programs of study in the Computer Lab or in chosen text-books. Class time will be devoted to analyzing the students' trials and errors, through group discussions, review and quizzes. Taught in French.

4 Credits. Prerequisite: FR 220 or FR 235 or equivalent. Offered periodically

Film Studies

FM/CM 110 Films and Their Meanings

Students begin with an analysis of basic elements of film language (signs, codes, syntax). They study the technology, economics and politics of the film industry as it has developed in the United States and Europe. In the latter half of the course they will investigate the impact of television, video, computers and digital media in the history of cinema.

4 Credits. Offered periodically

FM/CM 119 Principles of Video Production

(See Communications: CM/FM 119)

FM/CM 218 Writing Fiction for Television

Over the past twenty years, Granada, HBO, and the BBC have been creating series such as *The Singing Detective*, *Cracker*, *MI5*, *The Sopranos*, and *The Wire* that are much darker and more persuasive and perverse than anything else on television or on the big screen. Students will examine these "visual texts," and will also outline one or two series of their own, working on individual scenes that will be dramatized in class.

4 Credits. Offered periodically

FM 225 Set Design in Cinema

Set Design in Cinema is a course that aims to define the profession of set design and familiarize students with some of the greatest set-designers in cinema as well as recognize their style throughout films. Students will discover and analyze the parallel between the historical and aesthetic development of set-design as well as its reputation as a paradoxical art form.

4 Credits. Offered periodically

FM/CL 228 The Art of Screenwriting

Devoted to the theory and practice of writing for the screen. Analyzes selected screenplays, such as Robert Towne's *Chinatown*, Jane Campion's *The Piano*, and Quentin Tarantino's *Pulp Fiction*, in terms of structure, conflict, and dialogue, and then concentrates on

students' own screenplays, with one or two individual scenes.

4 Credits. May be taken twice for credit. Offered every Spring

FM/CM 232 Paris Documentaries

(See Communications: CM/FM 232)

FM 238 Producers and Producing

This course documents some of the great producers who brought movies to life, from legendary moguls like David O. Selznick and Dino de Laurentiis to producers of independent cinema today. We also look at case histories of movies where there were tensions between business and creative sides. Students will learn how business and art co-exist in Hollywood compared with Europe and how movies are budgeted and financed on both sides of the Atlantic.

4 Credits. Offered periodically

FM/FS 245 Photographie et le cinema

This course will explore the bridges between photographic imagery and cinematographic imagery. This course will focus on contemporary artists (Cindy Sherman, Sophie Calle, Jeff Wall, Gregory Crewdson...) whose hybrid works deconstruct the real and dissolve identity. We will also focus on how the cinematographic eye converges with and complements the photographic eye. Conducted in French, this course combines critical analysis and practice (production of films and photographs). Prerequisites: 100 level course (preferably in Film Studies, French studies, Communication, or Art History) Satisfies FrenchBridge requirement.

4 Credits.

FM 275 Introduction to the History and Analysis of Narrative Film I: From Méliès through the Hollywood Studio Era and World War II

Studies film history, aesthetics, and techniques of film analysis. Illustrates the basic theories of filmmaking with specific films of important directors such as Griffith, Eisenstein, Stroheim, Chaplin, Keaton, Murnau, Sternberg, Lubitsch, Renoir, Hawks, Ford, Welles, and Sturges.

4 Credits. Offered periodically

FM 276 Introduction to the History and Analysis of Narrative Film II: From 1945 to the Present

Studies postwar cinema, including the Italian Neorealists, Film Noir, the French New Wave, Hitchcock, Fellini, Antonioni, Kurosawa, Coppola, Bergman, Bertolucci, Scorsese, Penn, Fassbinder, Jane Campion, Tarantino, Woody Allen, and Spike Lee.

4 Credits. Offered periodically

FM 280 Film Directors: Orson Welles and His Inheritors

Studies Welles' chaotic film career —

his spectacular rise and fall, quest for a total cinema, exile, frustrations and triumphs, both as actor and filmmaker — and his place in American cinema. Films include: *Citizen Kane*, *The Magnificent Ambersons*, *Journey Into Fear*, *The Lady From Shanghai*, *Macbeth*, *The Third Man*, *Mr. Arkadin*, *Touch of Evil*, and *The Trial*.

4 Credits. Offered periodically

FM 281 Film Directors: Alfred Hitchcock

Studies Hitchcock's art and its contradictions: his pessimism, his perverse sense of play, his love of manipulating an audience, his ability to produce disturbing "fables" about our deepest anxieties and sexual malaise while working within the Hollywood system. Concentrates on the films: *Shadow of a Doubt*, *Notorious*, *Rear Window*, *Vertigo*, *Psycho*, *North by Northwest*, and *The Birds*.

4 Credits. Offered periodically

FM 282 Film Directors: Tarantino and His Many Fathers

Studies the most influential filmmaker of the past 20 years, and his quirky, exciting, bewildering narrative, "cannibalizing" other directors to produce a highly original vision. Films include: *Reservoir Dogs*, *Pulp Fiction*, *Jackie Brown*, *Kill Bill*, and films of Kubrick, Melville, Godard, and others which can be seen as influential for Tarantino's provocative art.

4 Credits. Offered periodically

FM 286 The American New Wave, 1967-1979

The American New Wave, 1967-1979, is the most significant period in American film history; it was the only time that directors worked as real creators within the studio system. This only happened because the studio system began to fail miserably by the mid-sixties, and directors such as Arthur Penn, Robert Altman, Francis Coppola, and Martin Scorsese were able to impose their will and their talent upon Hollywood.

4 Credits. Offered periodically

FM 290 Film Genres and Topics: Film Noir

Studies America's cinematic myth: Film Noir, a pessimistic style appearing in Hollywood in the 1940s. Films include: *The Maltese Falcon*, *Shadow of a Doubt*, *The Big Sleep*, *Double Indemnity*, *The Postman Always Rings Twice*, *Touch of Evil*, *Out of the Past*, *The Woman in the Window*, *Murder My Sweet*, *Force of Evil*, *Pickup on South Street*, and *Kiss Me Deadly*.

4 Credits. Offered periodically

FM 291 Film Genres and Topics: The Western

No other film genre has remained as rooted within our psyche as the Western.

Explores the myth of the cowboy, examining classic and revisionist Westerns including: *Stagecoach*, *Destry Rides Again*, *Red River*, *Duel in the Sun*, *High Noon*, *Hombre*, *Johnny Guitar*, *McCabe and Mrs. Miller*, *The Wild Bunch*, *Blazing Saddles*, *The Man Who Shot Liberty Valance*, and *The Unforgiven*.

4 Credits. Offered periodically

■ **FM 292 Film Genres and Topics: Women and Film**

Attempts to understand Hollywood's ambiguous attitude toward women during and after the studio system. What do roles played by women tell us about American culture and its fear of women? Also investigates women's roles in Fellini, Antonioni, Godard, and Truffaut, and the female image presented on the screen by directors such as Jane Campion, Diane Kurys, and Agnès Varda.

4 Credits. Offered periodically

■ **FM 293 Film Genres and Topics: Cinema and Poetry**

Teaches how to analyze cinematic language and films critically by focusing on the work of four modern European film directors, beginning with Pasolini in 1965 and his contemporaries, followed by Andrei Tarkovsky. Examines how the critical concepts learned can be applied to the work of other directors — taking as representative examples the works of Bergman and Kieslowski.

4 Credits. Offered periodically

■ **FM 294 Film Genres and Topics: The Documentary**

The first films documented real or pseudo-events, but the documentary as a conscious work of art did not appear until Robert Flaherty's *Nanook of the North*, 1922. Explores the relationship between the documentary and fictional narrative: Doesn't the documentary filmmaker fragment and "fictionalize" reality, and aren't the best narrative films often a type of "documentary"?

4 Credits. Offered periodically

■ **FM/PL 295 Film Genres and Topics: Philosophy and Film**

Uses film to examine various philosophical ideas and critical concepts. Students look at a number of key Western texts and thinkers and discuss them in the context of a broad range of films. Uses these films as illustrations to investigate questions about knowledge, the self and personal identity, moral philosophy, social and political thought, and critical theory.

4 Credits. Offered periodically

■ **FM 300 Topics in Film Studies**

Courses will be developed from time to time which examine various aspects of film studies, focusing on different problems, phenomena, practices and personalities. These are taught by

permanent or visiting faculty, and will be generally specific to their specialization.

4 Credits. Offered periodically

■ **FM/ES 300 Topics: The Film Culture of Europe's Cities**

(See *European and Mediterranean Cultures: ES/FM 300*)

■ **FM/FS 311 Issues in Contemporary French Film and Literature**

(See *French: FS/FM 311*)

■ **FM 327 Film Theory and Criticism**

Examines film theory with two motives: how does it help us read individual films, and what does it tell us about this medium? Studies theorists such as Sergei Eisenstein, André Bazin, Robin Wood, Christian Metz, Joan Mellen, Laura Mulvey, and Gaylyn Studlar, in relation to certain seminal films — *Potemkin*, *Citizen Kane*, *Vertigo*, *A bout de souffle*, and *Pulp Fiction*.

4 Credits. Offered periodically

■ **FM 330 Directors and Directing**

Looks at the aesthetics and techniques of film directing in a range of styles in American and European films over the past 50 years. Examines the relation of the director to the story, the camera, the actors, and the editing. Directors include: Ophuls, Kazan, Bergman, De Sica, Rossellini, Pollack, Scorsese, Huston, Fassbinder, Malick, Spielberg, Frears, and Altman.

4 Credits. Prerequisite: One course in Film Studies. Offered periodically

■ **FM 338 The Pragmatics of Producing**

The Pragmatics of Producing will introduce students to the business of filmmaking and compel them to interrogate the fundamental, financial role of television in cinema as well as how this alliance orients the production's strategy and nature. The producers, distributors and jurists who will come to AUP will help students develop an acute understanding of what the modern-day producer represents in the film industry.

4 Credits. Offered periodically.

Prerequisite: one 100- or 200-level FM course. Offered periodically

■ **FM 339 Directing Fiction**

This course aims to teach the fundamentals of directing — storyboarding, preparation of a shooting script, choice of camera angles and lenses, etc. — and show the relationship between the technical and creative aspects of filmmaking. Students will analyze direction in films and work as small production teams on their own short films to illustrate the "how and why" of film technique's influence on storytelling and character portrayal.

4 Credits. Prerequisite: one 100- or 200-level FM course. Offered every year

■ **FM/CL 348 Shakespeare and Film**

This course allows students to do close readings of Shakespeare's plays as well as explore more deeply the various film adaptations of each of the plays assigned for the course. How does the language of film, as developed in the films we will study, add to or detract from the language of Shakespeare's plays themselves? Through the work of directors such as Welles, Olivier, Kurosawa, Branagh, Kotsinzev and Godard we will explore the links between a director's adaptation of a Shakespeare play and the rich poetic language that we find in Shakespeare's texts.

4 Credits. Offered periodically

■ **FM 363 Making a Documentary**

(previously FM 229) In this course, students will have the opportunity to make their own documentary shorts and to begin work on longer form projects. They will also be introduced to some basic documentary genres and approaches such as social issue, journalistic, dramatic, personal, poetic, biographical, experimental. They will learn how to research, script, shoot, and edit their work, also how to interview and improvise.

4 Credits. Prerequisite: CM/FM 119. Offered periodically

■ **FM/CL 369 The Aesthetics of Crime Fiction**

(See *Comparative Literature: CL/FM 369*)

■ **FM/CM 372 German Cinema**

Focuses on two major periods of production: Weimar and the New German Cinema. Features the work of Lang, Murnau, Wiene, Pabst, and Lubitsch, and studies their important contribution to film form. Attention given to *émigré* directors in Hollywood, and then moves onto works by Fassbinder, Kluge, Wenders, Schlöndorff, Herzog, Margarethe von Trotta, and Doris Dörrie.

4 Credits. Offered periodically

■ **FM 373 Asian Cinema**

Studies post-1945 Japanese cinema, including the Kurosawa epics (*Seven Samurai*, *Rashomon*, *Ran*, *Dream*). Other masters include Ozu, Mizoguchi and Oshima. Examines Indian cinema and Satyajit Ray, and his masterful Apu trilogy. Concentrates on new Asian film, with works by Chinese (including Hong Kong and Taiwan) directors such as Zhang Yimou, Chen Kaige, Wong Kar-Wai, Tsai Ming Liang, and Ang Lee.

4 Credits. Offered periodically

■ **FM 374 Italian Cinema**

Focuses on periods when Italian cinema was at the cutting edge of World

Cinema. Begins with films such as Fellini's autobiographical *Amarcord*. Studies silent-era spectacles (*Quo Vadis*, *Cabiria*), and Italian film under fascism and its renaissance with Rossellini and De Sica. Examines leading filmmakers including Fellini, Pasolini, Visconti, and Antonioni. Explores Italian comedy, and the links between cinema and society.
4 Credits. Offered periodically

■ **FM 375 East European Cinema**

Examines post-World War II East European cinema, including Poland, Hungary, Czechoslovakia, and social and political contexts in which films developed, moving from indoctrination and dogma to dissent and independence. Studies basic cinematic principles and enduring cultural traditions in Czech cinema (Menzel, Forman, Prague Spring works), Polish cinema (Wajda, Polanski, Skolimowski, Zanussi, Kieslowski) and Hungarian cinema (Jansco, Szabo, Meszaros, Makk).
4 Credits. Offered periodically

■ **FM 376 Arab Cinema**

An exploration of the Arabic-language film as entertainment, narrative and cultural event in the Arab Middle East and North Africa. Themes include cinema in the Arabophone socio-cultural context and film-producing institutions in national and pan-Arab culture. The final project is based on either visual analysis of an Arab film or an aspect of the politics of filmmaking in the Middle East.
4 Credits. Offered periodically

■ **FM/FS 377 Du livre à l'image**

(See French Studies: FS/FM 377)

■ **FM 378 Iberian and Latin American Cinema**

Offers an overview of the "Iberian and Latin American New Wave": a group of national cinemas exploring contemporary societies of Latin America and the Iberian Peninsula. Assesses how films problematize political and cultural issues such as dictatorial pasts, post-modern capitalist democracy, negotiating gender, sexual and racial identities in phallogocentric post-colonial societies. The course is structured around screenings and class lectures/seminars.
4 Credits. Offered periodically

■ **FM/FS 379 Prostitution and Cinema**

(See French: FS/FM 379)

■ **FM 381 The Editing Process**

The course begins by looking at the editor as filmmaker, and compares the work of today's film editor to that of other editors in film history. After tracing the evolution of major developments in editing technique and style, students proceed to study the actual work of film editing through all the basic stages of craft: looking at

rushes, selecting shots, cutting, creating the structure, finding the rhythm, working with sound, analyzing rules and conventions and how and when to break them. In the course of the semester students will have the opportunity to edit their own pieces, producing work that will be critiqued in class.

4 Credits. Prerequisite: CM/FM 119. Offered periodically

■ **FM/FS 386 French Cinema: La Nouvelle Vague**

(See French: FS/FM 386)

■ **FM/FS 387 Paris Cinema**

(See French: FS/FM 387)

■ **FM 396 Junior Seminar**

Involves a particularly focused look at an important aspect of film theory or history, a filmmaker, actor or actress, or a cinematic topic or genre. Subjects will vary according to the particular interest of the professor, with the course work aiming at developing methodical and critical skills of analysis.
4 Credits. Prerequisite: one 100- or 200-level FM course. Offered periodically

FirstBridge

FirstBridge courses vary from year to year and may include regularly scheduled courses from the general curriculum. Each semester's offerings appear in the final edition of the academic schedule.

8 Credits. Offered every Fall

French

■ **FS/CL 203 We'll always have Paris: Psychology of the City**

While retelling the story of the construction of Gay Paree in the American imaginary since the XIXth Century, its feminization as a "dream city" for women; its poetic mystique offered to the French working classes through popular songs and films, this course will interweave history, cultural studies and psychology to show how the mental mapping of a City is not only constructed through geography but with states of mind: anxieties and xenophobia, (des)inhibitions, cultural shocks and emancipation from stereotypes.

If taught in French, prerequisite: FR 220 or FR 235. 4 Credits. Offered periodically

■ **FS/HI 206 Histoire des Idées I (XVIIe-XVIIIe): Inventing Human Rights**

(Formerly FS/CL 301)

Où en sont les Droits de l'homme au XXIe siècle? A quelle distance sommes-nous du Siècle des Lumières qui donna

naissance aux idées de la Révolution française et à l'émancipation des peuples? Comment l'esprit, la Raison sont-ils venus aux hommes? Ce cours permettra de comprendre comment les idées de liberté, d'égalité et d'individu sont apparues dans l'Histoire grâce à la philosophie et à la littérature.
Taught in French.

4 Credits. Prerequisite: FR 220 or FR 235 or equivalent. Core survey course for FS Major and Minor. Offered every year

■ **FS/HI 208 Histoire des Idées II (XIXe-XXIe): The Rise and Fall of the Ego**

(Formerly FS 339)

Depuis qu'au XVIIe siècle le philosophe français René Descartes déclara "Je pense donc je suis", la notion de sujet se trouve au centre de la culture française: qu'est-ce que le moi? Qu'est-ce que communiquer, créer ou encore juger en tant qu'individu? De quoi est constituée l'expérience de soi et du monde? En examinant comment la plupart des écrivains et penseurs français ont répondu à ces questions depuis le Romantisme, ce cours interdisciplinaire reconstruira l'Histoire de la pensée et de la société française depuis la Révolution en donnant aux étudiants des outils culturels et intellectuels pour penser le monde d'aujourd'hui dans sa complexité et ses hésitations. Textes, peintures, sculptures, images seront étudiés en classe et in situ (musées ou expositions, projections de films).
Taught in French.

4 Credits. Prerequisite: FR 220 or FR 235 or equivalent. Core survey course for FS Major and Minor. Offered every year.

■ **FS/FM 245 Photographie et le cinéma**

(See Film: FM/FS 245)

■ **FS/CL 265 Le Plaisir du roman: Great Stories of the XIXth Century**

This course is both an introduction to literature through the reading of some of the greatest French novels of the XIXth Century, the ideas and world views they echo both as form and content, and a fostering of the pleasure of reading good stories while improving one's French vocabulary and grammar. The bibliography (Balzac, Dumas, Victor Hugo, Maupassant, Jules Verne, George Sand, Zola...) will be chosen democratically at the beginning of class according to the students' interests.
Taught in French (some English).
4 Credits. Prerequisite: FR 235 or equivalent. Course strongly recommended if grade obtained in FR 235 was below B. Not recommended for students with French Bac. Offered periodically

■ **FS/CL 275 Theater in Paris**

Uses the resources of Paris to study the history of Western theater: theater visits and exchanges with directors, theater historians, actors, and scholars from other institutions. Taught in French. All papers and presentations completed in French for French credit. For all other students, papers can be done in French or English.

4 Credits. Prerequisite: FR 220 or FR 235 or equivalent. Offered every Fall

■ **FS/FM 311 Issues in Contemporary French Film and Literature**

Literature Considers films, novels or plays charged with a special meaning in today's France. Traces their importance and symbolism and replaces them in the history, ethnography and sociology of the French Imaginary. Analyzes how these cultural objects constitute the intangible fact of Being French today, and places them in the global Western mind frame. Taught in French.

4 Credits. Prerequisite: FR 220 or FR 235. Offered every Spring

■ **FS/ES 321 Paris au Quotidien I**

Taught in French
(See *European and Mediterranean Cultures: ES/FS 321*)

■ **FS/ES 322 Paris au Quotidien II**

Taught in French
(See *European and Mediterranean Cultures: ES/FS 322*)

■ **FS/ES 323 Paris au Quotidien III**

Taught in French
(See *European and Mediterranean Cultures: ES/FS 323*)

■ **FS/ES 330 Culture(s) et Nourriture(s)**

This course, multicultural in its historical, anthropological and psychoanalytical approach, will study the ways the art of cooking is at the foundation and the memory of a culture: from the Last Supper's sacred sacrificial feast and the ambivalence of the dinner table to the compelling French culinary arts, from Plato's philosophy to Flaubert's, Zola's novels and European detective stories, the course will use written material and films to examine the literary, historical and societal significance of this rich and universal theme. Taught in French.

4 Credits. Prerequisite: FR 220 or FR 235 or equivalent. Offered periodically

■ **FS/CL 336 Issues in French Women's Writings**

Introduces the important texts written by women in the history of French literature and/or the history of the Women's movement. Replaces these texts in the greater history of ideas, philosophy or sociology and questions ideological approaches to the complex question of sexual difference. Taught in French.

4 Credits. Prerequisite: FR 220 or FR 235. Offered periodically

■ **FS/ES 340 Littérature et colonialisme: Ecrire dans la langue du maître**

Ce cours se propose d'étudier principalement, à travers la production littéraire des auteurs maghrébins de langue française, l'évolution de la position de ces écrivains face au fait colonial. Il analysera en particulier le statut ambivalent de la langue française dans ses écrits, à la fois objet de fascination et de haine, d'émancipation et d'aliénation. Il soulignera la façon dont ces écrivains vont peu à peu se réapproprier l'héritage colonial de cette langue, pour la transformer, que ce soit dans son lexique ou dans ses structures. Les textes étudiés sont ceux publiés entre 1950 et aujourd'hui. Taught in French.

4 Credits. Prerequisite: FR 220 or FR 235 or equivalent. Offered periodically

■ **FS/FM 377 Du Livre à l'Image**

By comparing books and films as two different languages, the course will improve students' analytical skills; demonstrate the influence of the novel's structure on cinema through the close study of works by, e.g. Zola and Flaubert, Marguerite Duras and Jean-Luc Godard. Taught in French

4 Credits. Prerequisite: FR 220 or FR 235. Offered periodically

■ **FS/FM 379 Prostitution and Cinema**

Marginalisée dans la rue et souvent mythifiée à l'écran, la prostituée est le miroir des fantasmes les plus intimes et le reflet des tabous de notre société. Ce cours incitera les étudiants à s'interroger sur la fonction de l'image. Quel rôle joue le cinéma ? Remettant en question le mercantilisme cinématographique, certains cinéastes comme Godard amènent le spectateur voyeur à s'interroger aussi sur son statut de consommateur... De nombreux extraits de films seront projetés et analysés en classe. Axé sur les grandes figures de la prostitution dans le cinéma français, ce cours se réfèrera également à d'autres cinémas européens (italien, espagnol...), américain et japonais. Taught in French.

4 Credits. Prerequisite: FR 220 or FR 235 or equivalent. Offered periodically

■ **FS/FM 386 French Cinema: La Nouvelle Vague**

Shows the evolution of modern French culture in its relationship to cinema. Examines the early influence of literature and theater on cinema and its subsequent detachment, to be recognized as an art in itself with its own particular form. Emphasizes the viewing and discussing of one film each week: two class meetings plus one film per week. Taught in French

4 Credits. Prerequisite: FR 220 or FR 235 or equivalent. Offered every Spring

■ **FS/FM 387 Paris Cinema**

Studies the numerous facets, whether real or imaginary, of the close relationship between Paris and cinema. Analyzes films made by famous directors such as Clair, Carné, Godard, Malle, Rohmer, Polanski, Collard, Kassovitz, and others. Taught in French.

4 Credits. Prerequisite: FR 220 or FR 235 or equivalent. Offered every Fall

■ **FS/PY 390 Topics in Literature & Psychoanalysis**

Topics change every year. The course uses French literary or cinematographic material in order to introduce and illustrate important psychoanalytical notions which will help students understand the complexity of the human psyche and its cultural constructions. Course subjects have included: Fairy Tales and the Complexity of growing up, Psychoanalysis as Detective Story, Scandal as a cultural pathology, Islam and the invention of the Self... Taught in French.

4 Credits. Prerequisite: FR 220 or FR 235 or equivalent. Offered every Spring

■ **FS/ES 391 Topics**

(See *European and Mediterranean Cultures: ES/FS 391*)

Gender Studies

■ **GS/PO 205 The Political Economy of Developing Countries**

(See *Political Science: PO/GS 205*)

■ **GS/CL 206 Contemporary Feminist Theory**

Introduces the methodology of Gender Studies and the theory upon which it is based. Examines contemporary debates across a range of issues now felt to be of world-wide feminist interest: sexuality, reproduction, production, writing, representation, culture, race, and politics. Encourages responsible theorizing across disciplines and cultures.

4 Credits. Offered periodically

■ **GS/PY 208 Gender Identity, Homosexuality, and the Cinema: A Psychosocial Approach**

(See *Psychology: PY/GS 208*)

■ **GS/PY 210 Psychology and Gender**

(See *Psychology: PY/GS 210*)

■ **GS/HI 213 Women in Paris: History and Art**

This course focuses on the roles women have played throughout Parisian history in the religious, political, and artistic realms. Images, monuments, and texts highlight women who achieved fame (Blanche de Castille, Catherine

and Maria de' Medici, Mme de Pompadour, Rosa Bonheur, Louise Michel...), but also the anonymous *parisienne*, at the workplace, "manning" the barricades, deported, or organizing the home.
4 Credits. Offered periodically

■ **GS/PY 239 Human Nature and Eros**

An interdisciplinary approach to the theory of love, eroticism, and sexual orientation in texts by Plato, Lucian, Plutarch, Plotinus, and Freud. Analyzes *The Symposium* thematically from the point of view of the psychologist, the classicist, and the gender-studies specialist. Will relate erotic themes to modern scholarship, textual interpretation, and the formulation of social issues.
4 Credits. Offered periodically

■ **GS/PY 245 Social Psychology**
(See *Psychology: PY/GS 245*)

■ **GS/ES 246 Land of Hope and Glory: Culture in Victorian and Edwardian Britain**
(See *European and Mediterranean Cultures: ES/GS 246*)

■ **GS/PY 251 Sexuality, Aggression, and Guilt**
(See *Psychology: PY/GS 251*)

■ **GS/PY 261 Love, Sexuality and the Cinema: A Psychodynamic Approach**
(See *Psychology: PY/GS 261*)

■ **GS/CM 304 Communicating Fashion**
(See *Communications: CM/GS 304*)

■ **GS/VC 314 Art, Culture, and Gender in the Italian Renaissance**
Examines the art and culture of the Italian Renaissance from the ever-expanding modern perspectives of Gay and Women's studies. Studies the art of Donatello, Leonardo, Michelangelo and lesser-known artists, as well as Castiglione's *Book of the Courtier*, within the broad context of early modern history and in relation to contemporaneous sexual practices and gender roles. Includes Louvre visits.
4 Credits. Offered periodically

■ **GS/CL 318 Sex, Politics, and Culture I**
(See *Comparative Literature: CL/GS 318*)

■ **GS/HI 319 Women Artists in European History**
(See *History: HI/GS 319*)

■ **GS/PO 324 Politics of Human Rights**
(See *Political Science: PO/GS 324*)

■ **GS/HI 326 Women in the French Renaissance: From Joan of Arc to Catherine de Medici**

Studies the ways women have been presented (and misrepresented) in Renaissance France. Case studies include Joan of Arc; the writings of Christine de Pisan and Marguerite de Navarre; political roles of queen mothers, daughters, sisters, and mistresses of kings (Diane de Poitiers and Catherine de Medici, the "Reine Margot"); the ways women molded artistic realities and were pictured in art.
4 Credits. Offered periodically

■ **GS/HI 328 Existentialism: Choice, Sex, and Will**
(See *History: HI/GS 328*)

■ **GS/VC 332 The Power of Images in Western History**
(See *Visual Culture: VC/GS 332*)

■ **GS/CM 353 Media and Gender**
(See *Communications: CM/GS 353*)

■ **GS/CL 357 19th Century Women Writers**
(See *Comparative Literature: CL/GS 357*)

■ **GS/PO 386 Women and Politics**
Explores the formal, public domain of women in politics and the informal, pragmatic strategies used by women's organizations throughout the world to obtain women's rights. Divided into three units: women's organizations, past and current women leaders, and the long-term feminization of politics. Requires a mid-term exam, a 15-20 page paper, and a group in-class project.
4 Credits. Offered periodically

Geology

■ **GL 101 Physical Geology**
(See *Science: GL 101*)

■ **GL 102 Historical Geology**
(See *Science: GL 102*)

■ **GL/AN 362 Science in Archeology**
(See *Science: GL/AN 362*)

German

■ **GM 110 Elementary German I**
An introduction to the German language and culture, the course stresses the development of the student's ability to read and understand the language. Grammar, vocabulary and idioms are studied with this goal in mind.
4 Credits. Offered every Fall

■ **GM 120 Elementary German II**
The continuation of GM 110. The students acquire the mastery of all

essential tenses and grammatical structures in order to improve oral and written skills. The reading texts are carefully graded so that the students can progress to tackling longer and more difficult texts as they work their way through the course.
4 Credits. Prerequisite: GM 110.
Offered every Spring

Greek

■ **GK 105 Elementary Ancient Greek I**

This is a course for beginners. By reading simple ancient Greek texts and trying to write (or, if you like, speak) some Greek yourself, you learn the first grammar essentials and acquire a basic vocabulary of c. 1000 words. Choice of a particular textbook and specialization on particular aspects, e.g. Greek for students of philosophy, is possible.
4 Credits. Offered every semester

■ **GK 106 Elementary Ancient Greek II**

This course continues Elementary Ancient Greek I. At the end of the course you will have an overview of the grammar and a basic vocabulary of c. 2000 words. You will learn how to write simple Greek texts yourself and start to read excerpts of original literature. Specialization on certain classes of texts, e.g. Greek tragedies, is possible.
4 Credits. Prerequisites: GK 105 or placement. Offered every semester

■ **GK 205 Intermediate Ancient Greek I**

Revision and expansion of the skills acquired at the Elementary level and review of grammar knowledge. The main goal at this level is to gain fluency in reading. Texts will be selected according to the interests or needs of the student.
4 Credits. Prerequisites: GK 106 or placement. Offered every semester

■ **GK/CL 370 Intermediate Ancient Greek II**

This course builds on the skills acquired in Intermediate Ancient Greek I. Students read longer, more difficult texts and train basic methods of classical philology and literary criticism, e.g. metrical and stylistic analysis, textual criticism, use of scholarly commentaries and dictionaries, recognizing levels of style and characteristic generic features.
4 Credits. Prerequisites: GK 110 or placement. Offered every semester

■ **GK/CL 470 Advanced Study in Ancient Greek**

Advanced study in ancient Greek according to the wishes of the student. This course can be taken several times with different projects. Some of the possible offers are: in-depth study of the work of a particular Greek author,

genre, or period; Greek prose composition; Greek dialects; study of Greek meter (including a public recitation); performance of a Greek tragedy in the original language (if a sufficient number of interested students can be found).

4 Credits. Prerequisites: GK 206 or placement. Offered every semester

History

HI 101 History of Western Civilization up to 1500

Surveys the development of Western civilization and culture, from the ancient civilizations of the Levant, Greece, and Rome, through the Middle Ages to the Renaissance.

4 Credits. Offered every year

HI 102 History of Western Civilization from 1500

Continues History 101, from the Renaissance and the Reformation through commercialism, Absolutism, the Enlightenment, the French Revolution and the industrial and social revolutions of the 19th-century to nationalism and socialism in the contemporary Western world.

4 Credits. Offered every year

HI 103 The Contemporary World

Beginning with the bipolar world of the Cold War, focuses on ideological struggles of the West, East, and Third World and the reactions of nations to the politics of the superpowers. Topics range from decolonization to the rise of the new Asia, African independence, the reemergence of the Muslim world, the collapse of communism, globalization and clash of world cultures.

4 Credits. Offered every year

HI 105 World History to 1500

This seminar surveys basic themes in world history from the origins of humanity until about the year 1500 AD. Major themes include the rise of civilizations in Mesopotamia, India, East Asia, Central Asia, Africa, Europe, and the Americas, the role of technological change as a motor of historical development, the role of imperial states in the ancient world, the development of major world religions, the establishment of trade routes and other forms of contact between the main civilizations.

4 Credits. Offered periodically

HI 106 World History from 1500

This course provides an introduction to world history from the early modern period to the late twentieth century. Students will attain a sound grasp of the world history approach through study of the political, economic, and social connections and networks generated within and among these societies.

4 Credits. Offered periodically

HI 201 The French Revolution and Napoleon

Examines French history between 1770 and 1815: the rise of the modern monarchical state, population growth and increased commercial wealth calling for flexibility and innovation, new values of the Enlightenment urging a rethinking of traditional beliefs and practices, war and bankruptcy precipitating revolution and bringing to power men such as Robespierre and Napoleon.

4 Credits. Offered every Fall

HI 202 France in the Modern World

Studies the social revolution in 19th-century France as it corresponded to the new sense of justice in French society. Examines the redefinition of France's place in the modern world in the 20th-century, and focuses on French military defeat and the dismantlement of empire as well as on the present leadership of France in the building of a new Europe.

4 Credits. Offered periodically

HI/FS 206 Histoire des Idées I (See French FS/HI 206)

HI/FS 208 Histoire des Idées II (See French FS/HI 208)

HI/ES 210 French Cultural History 1453-1715

(See European and Mediterranean Cultures: ES/HI 210)

HI/GS 213 Women in Paris: History and Art

(See Gender Studies: GS/HI 213)

HI/ES 225 Contemporary Germany

Taking the founding of the Second Empire (1871-1918) as a point of departure, the course investigates Germany's historical transformations from Imperial Empire to Weimar Republic, the Third Reich, the postwar Allied occupation, the creation of the two German states, and the unification of the country.

4 Credits. Offered periodically

HI 241 American Civilization: Origins to 1877

Discusses the history of the British colonies in North America and the United States in terms of economic development and social and cultural evolution. Contrasts the emergence of a unique American civilization with the internal debate over opposing conceptions that deteriorated into sectional strife. Themes include the genesis of a peculiarly American mentality, race relations, economic development, and social conflict.

4 Credits. Offered periodically

HI 242 American Civilization: 1865 to Present

Discusses the growth of the United States as an urban, industrialized society and a global power. Themes include patterns and problems of immigration, the ending of the frontier, the emergence of labor and social movements, and cultural evolution. Examines how the rise of the US as a dominant world power in the 20th-century has influenced social and political life there.

4 Credits. Offered periodically

HI/ES 301 European Urban Culture: Berlin From Imperial Germany to the Third Reich

(For HI/ES 301-313 see European and Mediterranean Cultures)

HI/ES 302 European Urban Culture: Berlin From Allied Occupation to German Capital

HI/ES 304 The History of Paris

Seeks to understand how Paris elucidates the history of France by following its history from its origins to the present. The site of religious and political revolution, Paris testifies to the trials and glories of French history.

4 Credits. Offered periodically

HI/ES 305 European Urban Culture: Rome from The Renaissance to the Counter Reformation

HI/ES 306 European Urban Culture: Vienna From Baroque to Modernism

HI/ES 308 European Urban Culture: Amsterdam and Antwerp from the 15th to the 17th-Century

HI/ES 309 European Urban Culture: Venice from the Renaissance to the Fall of the Republic

HI/ES 311 European Urban Culture: Prague: From Imperial City to National Capital

HI/ES 312 European Urban Culture: The Jewish Presence I: From the Origins to the 17th-Century

HI/ES 313 European Urban Culture: The Jewish Presence II: From the 17th- to the 20th-Century

HI/PO 315 Contemporary Ideologies

Surveys the origins of capitalism, conservatism, absolutism, liberalism, socialism, nationalism, anarchism, communism, authoritarianism, and fascism, using contemporary models.

4 Credits. Prerequisite: One upper division course in HI or PO. Offered periodically

■ **HI/ES 317 The Islamic City**
(See *European and Mediterranean Cultures: ES/HI 317*)

■ **HI/GS 319 Women Artists in European History**

A sequel to *Sex, Politics, and Culture I*. Focuses exclusively on modern women artists and writers from the 17th-century with particular attention to France and England. Considers the problematic of female careers and male canons, and issues such as motherhood, creativity, subjectivity, political engagement, stylistic innovation, sexuality, and psychoanalysis against a backdrop of interdisciplinary feminist theory.
4 Credits. Offered periodically

■ **HI 324 Nietzsche's Philosophy: Genealogy, History, and the Individual**

Taken as "Untimely Meditations" in the 19th century, Nietzsche's works today stand for an inquiry of the "Human, All Too Human" and are central in discussions on history, art, human nature, and psychology. Considering Nietzsche's major writings, focuses on his notions of the will to power and of eternal recurrence, the nature of self and history, the art of interpretation and perspectivism.
4 Credits. Offered periodically

■ **HI/GS 326 Women in the French Renaissance: From Joan of Arc to Catherine de Medici**
(See *Gender Studies: GS/HI 326*)

■ **HI/GS 328 Existentialism: Choice, Sex, and Will**

Discusses topics such as choice and responsibility, sexual attitudes and gender perceptions, reason and will. Questions humanity's fundamental search for meaning, the "why" of existence, and examines Nietzsche's statement that anyone "who has a why to live can bear with almost any how." Readings include Simone de Beauvoir, Camus, Dostoevsky, Heidegger, Jaspers, Kierkegaard, Nietzsche, and Sartre.
4 Credits. Offered periodically

■ **HI/ES 329 Mediterranean Urban Culture: Jerusalem, Navel of the World**
(See *European and Mediterranean Cultures ES/HI 329*)

■ **HI/CL 333 Discovery and Conquest: Creation of the New World**
(See *Comparative Literature: CL/HI 333*)

■ **HI 338 Social and Political Discourse in Early Modern Europe**
Examines how the debates of the 16th and 17th centuries set the foundations of modernity. Studies how rival interpretations of the nature of political obligation, religious commitment, and human freedom defined a public space where the agents of innovation and

tradition struggled for dominance.
4 Credits. Offered periodically

■ **HI 339 History and Science, Technology and Human Values**

Examines the claim of objectivity and passion for secular investigations emerging in the early modern period and then extending its hold on the life sciences and the social sciences. Investigates the cultural context of the scientific revolution, the role of germs, guns, and geography in the evolution of human history.
4 Credits. Offered periodically

■ **HI 342 Europe from 1914 to 1945**

Beginning with the First World War and the Russian revolutions of 1917, moves through the halcyon 1920s to the crises of the 1930s, and examines the causes, course, and consequences of the Second World War.
4 Credits. Prerequisites: HI 101 and HI 102 or equivalent. Offered periodically

■ **HI 343 Europe from 1945 to Present**

Examines the political, social, and economic forces driving European history between 1945 and the emergence of the Economic and Monetary Union. Seeks to define Europe's place in the contemporary world as an independent and vital political and economic regional power.
4 Credits. Prerequisites: HI 101 and HI 102 or equivalent. Offered periodically

■ **HI/PO 346 American Foreign Policy**

(See *Political Science: PO/HI 346*)

■ **HI 350 History Workshop**

The history Workshop is a course in the historian's craft that will give students an opportunity to learn about the discipline of history. Students learn how to pose researchable questions (problématiques), to gather evidence, and to present their findings before an audience of their peers in a seminar setting.
4 Credits. Prerequisite: junior standing. Offered every Fall

■ **HI/CL 353 In 1871....: Case Study in Comparative Literature and History**

(See *Comparative Literature: CL/HI 353*)

■ **HI/PO 354 20th-Century Diplomatic History**

Examines the creation of the Bismarckian state, the origins of World War I and World War II, and the creation of a united Europe in the post-war period. Investigates the efforts of the European state system to adapt to the challenges of nationalism and globalization.
4 Credits. Prerequisite: sophomore standing. Offered every semester

■ **HI 355 Social Theory and Political Utopias: From Marx to Marcuse**

Begins with Marx's critique of political economy and his social theory, together with Freud's metapsychology and investigation of the unconscious, then proceeds through selected works of Weber, Horkheimer, Mannheim to the political and psychological projects of Fromm and Marcuse.
4 Credits. Offered periodically

■ **HI/PO 358 Russian Foreign Policy: From 17th-Century to the Present**

(See *Political Science: PO/HI 358*)

■ **HI/PO 360 War and Peace**
(See *Political Science: PO/HI 360*)

■ **HI 363 Reason & Choice: The Age of Enlightenment**

The debates of the 18th-century opened the modern period. Investigates the conflict to control the public space as Europe made the transition to modernity. Investigates the major interpretive schools of the Enlightenment and evaluates the post-modern critique of the Enlightenment project.
4 Credits. Offered periodically

■ **HI/ES 371 Crisis and Decline: From Liberalism to Fascism**

Considers the history of Europe from 1880 to 1940, focusing on the decline of liberal values and the rise of communism and fascism. Examines the emergence of a new political language of class and race and how that language prepared the way for communism and fascism. Readings include selections from Benjamin, Freud, Hitler, Lenin, Marx, Nietzsche, Sartre.
4 Credits. Offered periodically

■ **HI 391-395 Topics in History**

Topics may change annually, may be taught by regular or visiting faculty, and may introduce areas of study not listed in the Department's current repertoire of courses.
4 Credits. Offered periodically

■ **HI 490 Senior Seminar**

The Senior Seminar is designed to offer students an opportunity to discuss a series of topics or issues around a table in an intimate setting between students and a faculty director. Each student is expected to undertake a research project and to make an oral presentation in class. A final paper will be required. The Senior Seminar may be taken either junior or senior year, but only after completion of the Workshop. See the Academic Schedule for the description of the seminar offered in the current year.
4 Credits. Offered every Fall

Information Technology

IT 130 Applied Computing

(Formerly IT 230) The course introduces relevant software to students with no previous computer experience. It provides hands-on experience with common productivity applications. Successful students will be confident in using a variety of tools from the Microsoft Office Suite (Word, PowerPoint, Excel) to solve everyday problems, by creating, handling, and presenting sophisticated documents, thereby becoming better-enabled citizens of the digital world.

4 Credits. Offered periodically

IT/CM 302 E-Commerce

Overview of the business and technical aspects of electronic commerce. Introduces issues such as cost structures, target audiences, and cultural impacts. Teaches the fundamentals of e-commerce Web technology through building a small e-commerce site.

4 Credits. Prerequisite: CM/CS 105. Offered periodically

IT/CS 315 Computer Architectures

(See Computer Science: CS/IT 315)

IT/CM 338 Digital Media I

This course supplies students with a broad view of new electronic media technologies as well as the ability to use specialized software tools to acquire, create and edit both text and graphics. In addition some social, economic and regulatory aspects of the use of these tools and technologies will be discussed.

4 Credits. Prerequisites: CM/CS 105. Offered periodically

IT/CS 351 Web Applications

(See Computer Science: CS/IT 351)

IT/CS 368 Database Applications

(See Computer Science: CS/IT 368)

Italian

IL 110 Elementary Italian I

Introduces the Italian language with emphasis upon speaking, basic grammatical structure, with a particular focus on culture. Videos, CD-ROMs, plus a field trip to Venice, make this class an enjoyable challenge.

4 Credits. Offered every Fall

IL 120 Elementary Italian II

Sequel to Italian I, with an emphasis on debate, more advanced grammatical structure, plus introduction to literary texts, newspaper reading, and Italian cinema. A field trip to Florence or Naples will fully expose students to Italian culture.

4 Credits. Prerequisite: IL 110 or by permission. Offered every Spring

Latin

LT 101 Elementary Latin I

This is a Latin course for beginners. By reading simple Latin texts and trying to write (or, if you like, speak) some Latin yourself, you learn the first grammar essentials and acquire a basic passive vocabulary of c. 1000 words. Choice of a particular textbook and specialization on particular aspects, e.g. Medieval Latin, is possible.

4 Credits. Offered every semester

LT 102 Elementary Latin II

This course continues Elementary Latin I. At the end of the course you will have an overview of Latin grammar and a basic passive vocabulary of c. 2000 words. You will learn how to write simple Latin texts yourself and start to read excerpts of original literature.

Specialization on certain classes of texts, e.g. Latin inscriptions, is possible.

4 Credits. Prerequisite: LT 101 or placement. Offered every semester

LT 201 Intermediate Latin I

Revision and expansion of the skills acquired at the Elementary level and review of grammar knowledge. The main goal at this level is to gain fluency in reading. Texts will be selected according to the interests or needs of the student.

4 Credits. Prerequisite: LT 102 or placement. Offered every semester

LT/CL 350 Intermediate Latin II

This course builds on the skills acquired in Intermediate Latin I.

You read longer, more difficult texts and train basic methods of classical philology and literary criticism, e.g. metrical and stylistic analysis, textual criticism, use of scholarly commentaries and dictionaries, recognizing levels of style and characteristic generic features.

4 Credits. Prerequisite: LT 110 or placement. Offered every semester

LT/cl 450 Advanced Study in Latin

Advanced study in Latin according to the wishes of the student. This course can be taken several times with different projects. Some of the possible offers are: in-depth study of the work of a particular Latin author, genre, or period; Latin prose composition; study of Latin meter (including a public recitation); performance of a Latin drama in the original language (if a sufficient number of interested students can be found).

4 Credits. Prerequisite: LT 202 or placement. Offered every semester

Linguistics

LI/PY 335 Psycholinguistics

(See Psychology: PY/LI 335)

Mathematics

MA 101 Algebra

This course is designed for students with no background in algebra and for students who need a review before proceeding further in mathematics. Topics are illustrated by examples and applications in business and other sciences and include: linear and quadratic equations, inequalities, break-even analysis, graphs, polynomials, factoring, radical expressions, 2 x 2 systems of linear equations, integer exponents and scientific notation.

4 Credits. Offered every semester

MA 105 Math for Life

A general education course designed for students majoring in subjects not requiring math skills, and those who dislike math. Projects are developed from a range of everyday situations: banking, the stock market, gambling, and even art. Meeting alternately in the classroom and the computer lab to develop mathematical models, students will develop quantitative reasoning, critical thinking, and problem-solving skills.

Note: MA 105 is not open to students who have taken MA 110 or above.

4 Credits. Offered every semester

MA 110 Applied Finite Mathematics: Introduction to Mathematical Modelling

Introduces the mathematical foundation of quantitative problem solving in economics, business, and other social sciences. Combines discussions on theory with computer-assisted explanation of the concepts introduced. Gives students an appreciation of the strengths and limitations of mathematical model building. Topics include: functions (linear, quadratic, exponential, logarithm), their graphs and applications, financial mathematics, linear programming, set theory, and probability.

4 Credits. Prerequisite: MA 101 (or equivalent). Offered every semester

MA 120 Applied Statistics I

Introduces the tools of statistical analysis. Combines theory with extensive data collection and computer-assisted laboratory work. Develops an attitude of mind accepting uncertainty and variability as part of problem analysis and decision-making. Topics include: exploratory data analysis and data transformation, hypothesis testing and the analysis of variance, simple and multiple regression with residual and

influence analyses.

4 Credits. Prerequisite: MA 101, or by permission. Offered every semester

■ MA 130 Calculus I

Introduces differential and integral calculus. Develops the concepts of calculus as applied to polynomials, logarithmic, and exponential functions. Topics include: limits, derivatives, techniques of differentiation, applications to extrema and graphing; the definite integral; the fundamental theorem of calculus, applications; logarithmic and exponential functions, growth and decay; partial derivatives. Appropriate for students in the biological, management, computer and social sciences.

4 Credits. Prerequisites: MA 110 or by permission. Offered every semester

■ MA 140 Discrete Mathematics

This course is designed to highlight discrete mathematical structures. Discusses propositional logic, proofs and mathematical induction, matrices of relations and digraphs, set theory and number bases, combinatorial analysis, graph theory and Boolean algebra.

4 Credits. Offered every Spring

■ MA 207 Operations Research: Mathematical Programming

This course is intended to study the computational methodologies of Linear Programming and its extensions from the Transportation Problem and Assignment Model to the Network optimisation. Various types of applications from the fields of Economics, Finance, and Advertising will be investigated, and the methods by which useful results are obtainable — together with the reasoning behind the use of these methods — will be discussed.

4 Credits. Prerequisite: MA 110 or by permission. Offered once per year

■ MA 220 Applied Statistics II

Familiarizes students with several types of multivariate statistics methods with respect primarily to applications and interpretations in the area of social sciences. This course will cover the data-analysis concepts and procedures used in applied and experimental psychology, economics, business and in general in social sciences. Emphasis will be given to the qualitative interpretation and manipulation of mathematical and statistical concepts, showing the students their effectiveness through concrete applications. Students will use appropriate software packages for labs and projects.

4 Credits. Prerequisite: MA 120. Offered once per year

■ MA 230 Calculus II

The continuation of MA 130, Calculus I. This course is appropriate for economics, mathematics, business and computer science majors. Topics include: infinite series and applications; differential equations of first and second order and applications, functions of several variables, partial derivatives with applications, especially Lagrange multipliers. Includes the use of Mathematica.

4 Credits. Prerequisite: MA 130. Offered every Fall

■ MA 241 Linear Algebra

Treats applications in economics and computer science, limited to Euclidean n -space. Topics include: the linear structure of space, vectors, norms and angles, transformations of space, systems of linear equations and their applications, the Gauss-Jordan method, matrices, determinants, eigenvalues and eigenvectors. Uses Mathematica for graphics and algorithms.

4 Credits. Prerequisite: MA 130, or by permission. Offered every Fall

■ MA 300 Topics in Mathematics or Statistics

Topic changes every year offering the chance to study mathematics or statistics in greater depth. Topics will be offered to complement the common mathematical background of AUP students in Applied Mathematics and Statistics and be aimed in particular at broadening the quantitative background of students with a major in the social sciences or in computer science. Where appropriate, topics courses may include a significant portion of independent research (project design, data collection, analysis) leading to a written report as part of the course assessment.

4 Credits. Prerequisites: As required background will change from course to course, students will be accepted to the course by faculty approval. Offered periodically

■ MA 305 Probability

Examines probability in its various components and through its diverse applications. Topics include: combinatorial analysis, axioms of probability, discrete random variables and distributions & continuous random variables and probability density functions, joint distribution functions, law of large numbers. The statistical concepts of conditioning, independence and expectation will be highlighted, as well as the notion of moments. Selected applications will shed light on the use of probability in various fields.

4 Credits. Prerequisite: MA 130. Offered periodically

■ MA 330 Calculus III

Examines examples from the physical sciences to illustrate the introduced

concepts. Topics include: trigonometric and hyperbolic functions; polar coordinates, parametric curves and conic sections; vectors, curves and surfaces in space; vector fields, line integrals, theorems of Green and Stokes.

4 Credits. Prerequisite : MA 230. Offered periodically

■ MA/BA 366 Multivariate Analysis for Behavior Research

(See Business Administration: BA/MA 366)

■ MA/BA 430 Quantitative Decision-Making

(See Business Administration: BA/MA 430)

Music

■ MU 100 Individual Piano Instruction

Private piano instruction, all levels, one 50 minute sessions per week, taken from AUP music faculty.

2 Credits. A total of 8 credit hours may be counted toward graduation. Additional fee required. Offered every semester

■ MU 131 Music Appreciation: The Orchestra and Instrumental Music

Traces the historical evolution of musical forms in masterpieces of symphonic and instrumental repertoire and enhances music appreciation by developing auditory skills. Appropriate for students without extensive musical training.

4 Credits. Offered every Fall

■ MU 132 Music Appreciation: Opera and Vocal Music

This course is an introduction to the specific idioms of vocal repertoire, the styles and genres of opera, oratorio, art songs, and other aspects of vocal music, and their interrelation with musical development in other mediums. Appropriate for students without extensive musical training.

4 Credits. Offered every Spring

Philosophy

■ PL 100 Belief, Knowledge, Facts

Introduces the skills and techniques appropriate to philosophy. Analyzes examples of philosophical reasoning as well as ordinary reasoning, to make clear the nature of argument and show what is specific to philosophy. Aims to equip students with essential tools for the understanding of contemporary debate.

4 Credits. Offered every semester

■ **PL 121 Ethical Inquiry: Problems and Paradigms**

How should I live? How can I determine whether an action is right or just? These are perennial questions that philosophers have long considered and attempted to answer. Explores the ethical writings of several philosophers, including Plato, Hobbes, and Mill, in order to help us clarify and articulate our own values as well as discover the nature of philosophy.

4 Credits. Offered periodically

■ **PL/PO 203 Political Philosophy**

(See *Political Science* : PO/PL 203)

■ **PL 211 History of Philosophy I: From Ancient to Medieval**

This course offers an overview of ancient and medieval philosophy. Beginning with the earliest Greek philosophers and ending with the late medieval founding fathers of modern scientific thought, we will read and discuss various answers these thinkers gave to questions such as: "What is a good life?" or "How can I reconcile my faith with what reason tells me?"

Readings include Parmenides, Plato, Aristotle, Epicurus, Seneca, Plotinus, Anselm, Avicenna, Abelard, Maimonides, Thomas Aquinas and Nicolaus of Autrecourt.

4 Credits. Offered every other semester

■ **PL/ES 213 Philosophy and Religion I: From the Ancient to the Medieval World**

Although religion and philosophy ask many of the same questions about the world and our place in it, their answers appear to diverge widely and dramatically. This course explores the origins and nature of the tension between religion and philosophy and examines various attempts by Christians, Muslims, and Jews in the ancient and medieval world to resolve this tension.

4 Credits. Offered periodically

■ **PL/ES 214 Philosophy and Religion II: From the Early Modern to the Postmodern World**

Continues PL/ES 213 through the early modern and postmodern periods. Examines modern and postmodern thinkers, beginning with Descartes, raises radical questions about the possibility of acquiring any knowledge. As a result, the intricate relationship forged in the Middle Ages between reason and religion is torn asunder.

4 Credits. Offered periodically

■ **PL/ES 215 Philosophy and the City**

(See *European and Mediterranean Cultures*: ES/PL 215)

■ **PL 222 History of Philosophy II: From Renaissance to Contemporary**

This course aims to provide a solid and comprehensive grounding in modern philosophy focusing on the main issues and theories of late Renaissance philosophy, modern Rationalism and Empiricism, philosophies of the Enlightenment, Critical philosophy, modern Idealism, Phenomenology and some questions of analytic philosophy. It offers an introduction to the works of the major figures of this tradition.

4 Credits. Offered periodically

■ **PL 236 Metaphysics, Science and Rationalism: Spinoza and Leibniz**

This course explores the impact of modern science upon philosophy through an exploration of the fundamental texts of classical metaphysics – Descartes Principles of Philosophy, Spinoza's Ethics, Leibniz's Discourse on Metaphysics and The Monadology – an examination guided by the question of what is it to act with freedom and grace in an infinite universe ruled by the laws of nature.

4 Credits. Offered periodically

■ **PL 237 Empiricism, Skepticism and Materialism: Locke and Hume**

In this course we shall examine the birth of empiricism in polemics over the origins of knowledge and political authority, the limits of human reason, and the possibility of philosophy itself finding a way out of the seventeenth century's religious wars and tyranny towards the creation of free and tolerant societies of rational individuals. Readings from Descartes, Locke, Berkeley and Hume.

4 Credits. Offered periodically

■ **PL 271 The Critique of Political Economy: from Adam Smith to Karl Marx**

The course focuses on the impact of the emergent discipline of political economy on modern philosophy. A brief overview of the work of Adam Smith and David Ricardo will introduce the concerns of political economy before the course focuses on Karl Marx's attempt to re-orientate philosophy through the critique of political economy.

4 Credits. Offered periodically

■ **PL 272 Genealogies of the Subject: Freud and Nietzsche**

An introduction to one of the key orientations of modern philosophy: critical genealogy and its central problematic, the identity and formation of the subject. The aim of critical genealogy is to unearth the hidden and unsuspected mechanisms, whether institutional or familial, which lie behind the formation of individual and social identities.

4 Credits. Offered periodically

■ **PL/FM 295 Philosophy and Film**

(See *Film Studies*: FM/PL 295)

■ **PL 300 Topics in Philosophy**

Courses examining focal areas of modern philosophy are offered occasionally. For instance the course "Existentialism and Phenomenology" studies how Sartre's and Merleau-Ponty's highly innovative and influential works ground philosophical reflection in the world as it is and in human experience. Issue of human freedom, responsibility and interaction lie at the heart of this course.

4 Credits. Offered periodically

■ **PL/PO 304 Contemporary Political Thought: Rawls, Nozick, Habermas**

The course provides a perspective on major currents of recent political thought in the context of the economy. It considers the spectrum of thinking from libertarianism through classical and progressive liberalism, focusing on distinctions between economic and political liberty, social justice, and democratic citizenship. The course considers lastly contemporary concern with international distributive justice.

4 Credits. Offered periodically

■ **PL/CL 317 Key Texts of Greek and Roman Antiquity**

(See *Comparative Literature*: CL/PL 317)

■ **PL/PO 321 Thinking the World: Cosmopolitanism and Its Critics**

The course discusses the pertinence or not of cosmopolitan thought to analysis of world politics. Born from a moral discourse pitched against the power politics of empire (Greek stoicism), cosmopolitanism is today defined by a moral and legal culture of human rights and an ethical and political culture of global values and/or goods. Contemporary proponents and critics of cosmopolitanism are analyzed in this context.

4 Credits. Offered periodically

■ **PL/CL 330 Philosophy and the Theatre**

(See *Comparative Literature*: CL/PL 330)

■ **PL 347 Wittgenstein and the Vienna Circle**

One of the most original and influential philosophers of the 20th-century, Wittgenstein's work radically redirected the development of modern philosophy and continues to fascinate philosophers, poets, painters, and filmmakers. Examines the singular thought of Wittgenstein in the context of the general epistemology of the Vienna Circle.

4 Credits. Offered periodically

■ PL 349 Introduction to Analytic Philosophy

This course offers an overview of key moments in the development of analytic philosophy, from Frege and Russell's foundational construction of symbolic logic, to Quine's critique of empiricism and Lewis' elaborate multiplication of possible worlds. Readings include Frege, Russell, Carnap, Strawson, Kripke, Quine, Putnam, Davidson and Lewis.

4 Credits. Offered periodically

■ PL/PO 367 Capitalism and Democracy

Capitalism is a specific organization of socio-economic relations between human beings and between human beings and nature. Democracy is a specific institution of political behavior and culture within, between, and, perhaps, beyond nation-states. This course explores the relation between these two historically resistant and mutually compatible and incompatible organizations of human activity in order to appraise contemporary political actuality from a philosophical perspective.

4 Credits. Offered periodically

■ PL/AH 374 The Philosophy of Aesthetics

Examines major issues in philosophical aesthetics, involving the definition of art; theories of aesthetics; natural and formal beauty; and the value of art. Supplements classical and contemporary readings with film and visual materials.

4 Credits. Offered periodically

■ PL/PO 376 Philosophical and Political Modernity: Kant, Hegel, and Beyond

Philosophical and political modernity concerns the development of rationality, freedom, and social responsibility from out of the tensions between ethics, religion, politics and the economy. With postmodernist epistemology, the so-called 'return' of religion, and economic globalization, this 'modernity' has been questioned. In this historical context the course re-elaborates the problematic of modernity through selective reading of Kant, Hegel, and Nietzsche.

4 Credits. Offered periodically

■ PL 379 Modern Critical Theory

Modern Critical Theory examines the notions of experience, representation and value form a plurality of standpoints: linguistic, semiotic, anthropological, psychoanalytic, literary, philosophical, aesthetic. This course studies the main schools and authors of this tradition and focuses on the notion of cultural meaning in the works of key theorists (from Levi-Strauss to Said, from Adorno to Butler).

4 Credits. Offered periodically

Physics

■ PH 100 Physics for Non-Scientists

(See *Science: PH 100*)

Political Science

■ PO 107 Critical Junctures in Politics

The course of politics is often determined by seminal events or critical junctures, great dates in history where the tide turned and a society or civilization changed forever. Great Dates in Politics explores these seminal events across time and space, analyzing the impact of these momentous occasions in history and on contemporary politics.

4 Credits. Offered periodically

■ PO 111 Foundations of Modern Politics

What is politics – the quest for the common good or who gets what, when, and how? We study what defines politics in the modern age: states and nations in the international system, collective action and representation in mass societies, trajectories of democracy and dictatorship, politics and development in the context of capitalism. The course will introduce you to the concerns, the language and the methods of Political Science.

4 Credits. Offered regularly

■ PO/PL 203 Political Philosophy

Political philosophy forms that branch of philosophy that reflects on the specificity of the political. Why are humans, as Aristotle argued, political animals? How are they political? What are the means and ends of the political, and how best does one organize the political with such questions in mind? The course offers a topic-oriented approach to the fundamental problems underlying political theory and practice.

4 Credits. Offered periodically

■ PO/GS 205 The Political Economy of Developing Countries

Offers a comparative introduction to the political systems of developing countries through the study of decolonization, nation building, political institutions, and economy. Studies problems of political culture, leadership, representation, and the place of developing countries in the world system.

4 Credits. Prerequisite: PO 111 or equivalent. Offered regularly

■ PO 210 European Politics

Taking a comparative perspective, this course introduces you to politics in Europe. We study the political concepts, processes and institutions that shape politics all over Europe, particularly via dynamics of Europeanization within the political system of the European Union. While examining the differences

between European states, a key question is whether there are shared elements that designate a particular European mode of politics.

4 Credits. Prerequisite: PO 111 or by permission. Offered regularly

■ PO 212 Introduction to Political Geography and Geopolitics

(Formerly PO 112)

This course investigates how political processes shape human geography and, conversely, how assumptions about places underpin world politics. It presents the main theories of political geography, as well as essential concepts and terminology. It points to the historical contingency of political identities and organizations and reveals how major world events as well as spaces are shaped by everyday politics.

4 Credits. Offered regularly

■ PO 215 Comparative Politics

(Formerly PO 115)

This course introduces students to the comparative study of politics, focusing on political behavior and the structures and practices that political systems have in common and those that distinguish them. We study different forms of democratic and authoritarian rule, state-society relationships, and key issues of political economy like development and welfare states. While the emphasis is on domestic features, we also analyze the impacts of globalization on national politics.

4 Credits. Offered regularly

■ PO 231 World Politics

This course analyses the basic setting, structure and dynamics of world politics with emphasis on current global problems, practices and processes. In doing so, it introduces the major theoretical approaches to international politics, and uses theory as a methodological tool for analyzing sources of change and causes of conflict and/or cooperation in the global arena.

4 Credits. Prerequisite: one 100-level PO course. Offered regularly

■ PO 250 Political Analysis

This course examines the nature of knowledge claims in political science: how we know what we know and how certain we are. Research schools, the nature of description and explanation in political science, and basis issues of quantitative analysis will form the core elements of this course, while substantive themes may vary each year.

4 Credits. Prerequisite: PO 106 (FirstBridge), or PO 111 or equivalent. Offered regularly

■ PO 300 Topics

Topics courses change every semester, offering advanced study in themes, theories and issues beyond the regular departmental course offerings. Taught by permanent or visiting faculty, recent

Topics courses include: "The French Elections", "Refugee and Asylum Law", "Turkey and the EU", or "Law and Corruption".

4 Credits. Prerequisites: junior ICP standing or permission. Offered regularly

■ **PO/PL 304 Contemporary Political Thought: Rowls, Nozick, Habermas**

(See Philosophy: PL/PO 304)

■ **PO 306 Politics of Latin America**

Examines not only the political culture and economic growth of the entire Latin American region but also the confusion, especially in the United States, regarding Latin American realities.

4 Credits. Prerequisites: PO/GS 205. Offered periodically

■ **PO/HI 315 Contemporary Ideologies**

(See History: HI/PO 315)

■ **PO 316 Ideas of Europe**

Explores the competing visions of Europe. What kind of Europe emerges — as a power-pole, or as a looser political and economic space — will be partly determined by which "idea of Europe" eventually dominates. Students will gain insight into how big and small countries conceptualize Europe, with particular attention to Russian, French, Central European, UK, and US viewpoints.

4 Credits. Prerequisite: One 200-level PO course. Offered periodically

■ **PO/PL 321 Thinking the World: Cosmopolitanism and its Critics**

(See Philosophy: PL/PO 321)

■ **PO 322 Politics in Africa**

This course serves as an introduction to the political systems of African countries, and explores the cultural and economic legacies of anglophone, francophone, lusophone, hispanophone and italoophone colonial rule.

4 Credits. Prerequisite: PO/GS 205. Offered periodically

■ **PO/GS 324 Politics of Human Rights**

Examines the work of international organizations, public and private, that are engaged in exposing the violation of human rights throughout the world, as well as the international agreements that have been concluded and the results of these agreements.

4 Credits. Prerequisite: PO/GS 205 or PO 231. Offered periodically

■ **PO 326 The Politics of European Integration**

Analyzes the dynamics of the postwar movement toward economic and political cooperation among the European states. Explores the impact on inter-European relations of the rise and demise of the Cold War, the

emergence of the Third World, the transformation and crises of the international economy, and the contradictions between emerging supranationality and resurgent nationalisms, particularly in Eastern Europe.

4 Credits. Prerequisites: junior ICP standing or permission. Offered periodically

■ **PO 327 Politics in China**

Examines the evolution of the Chinese political system with a focus on contemporary policy issues. Devotes special attention to the political party, the military, and the process of economic and social planning.

Addresses problems of culture, national leadership, and China's role in world affairs. Includes an analysis of recent economic and political reforms. May be taught in French.

4 Credits. Prerequisite: junior ICP standing or by permission. Offered periodically

■ **PO 329 International Relations in Asia**

This seminar is designed to introduce students to modern Southeast Asian politics, particularly the historical foundations for current events. Students will explore the complexities of the continental and island states of this region with emphasis on the legacy of colonialism and war, ASEAN, the burgeoning regional economy, terrorism and democratic governance.

4 Credits. Prerequisites: junior ICP standing or by permission. Offered periodically

■ **PO 332 International Institutions**

Studies the origins, politics, structures, and impact of international organizations with a focus on the United Nations group, specialized agencies, regional organizations, and international administration. Discusses the UN role in peacekeeping, decolonization, refugees, social and health problems, trade and monetary policy, development, technology transfer, and UN reform as well as new developments since the end of the Cold War.

4 Credits. Prerequisite: one 200-level course in Political Science. Offered periodically

■ **PO 333 International Politics of the Environment**

Examines concerns about interaction between environmental degradation and developmental aspirations that have recently been placed on political agendas around the world. Examines how and to what extent the international system imposes constraints on and presents opportunities for nation states as they attempt to achieve sustainable

development.

4 Credits. Prerequisite: one 200-level course in Political Science. Offered periodically

■ **PO 334 Comparative Public Policy**

Introduces the skills used by public policy analysts, applying them through case studies of real public policy decisions from a variety of industrialized and developing countries. Familiarizes students with policy skills useful in future careers while analyzing the underlying assumptions and limitations of the policy approach. Discusses topics such as planning, budgeting, implementation strategies, and program evaluation techniques.

4 Credits. Prerequisite: PO 210 or by permission. Offered periodically

■ **PO 335 Waters of the Globe**

This course examines the role of marine environments and fresh waters from the perspective of international security, conflict and cooperation, international law, economics, and environmental safety and culture. Topics include water scarcity, access to sanitation and health, water and gender, capacity-building, financing, valuation, integrated water resources management, trans-boundary water issues, environment and biodiversity, and disaster prevention.

4 Credits. Offered regularly

■ **PO 336 Bureaucracy, Development, Corruption**

Examines the role of bureaucracy in the development process. Compares the role of the state in industrializing Europe and North America with the fragile states in the Third World. Evaluates the administrative implications of different development strategies, the relative power of bureaucrats in Third World policymaking, the vestiges of colonial influence, and experiments in participatory administrative structures for rural development.

4 Credits. Prerequisite: PO/GS 205 or by permission. Offered periodically

■ **PO 341 International Human Rights Law**

International human rights law established the norms, jurisprudence and legal infrastructure necessary to promote the implementation of international human rights standards. This course introduces key substantive and institutional issues and explores the establishment of standards, international human rights treaties, their implementation mechanisms and the expanding body of jurisprudence that make up this discipline at the crossroads of law and development.

4 Credits. Offered regularly

■ **PO 343 European Security: NATO, the EU and Russia**

Analyzes European security issues in the post-Cold War era. Traces the evolution of NATO, as well as British, French, and German security policy. Focuses on the security issues facing Eastern Europe and the ramifications of NATO enlargement in regard to US, European, and Russian security issues.

4 Credits. Prerequisite: PO 231 or by permission. Offered periodically

■ **PO 345 Politics in Russia**

Focuses on both historical and contemporary aspects of Russian domestic politics, with particular attention to the present day situation. Provides an insight into the nature of Russian communism and its economic infrastructure, and discusses in great detail, political and social aspects of the post-communist transition to the free-market economy.

4 Credits. Prerequisite: junior ICP standing or by permission. Offered periodically

■ **PO/HI 346 American Foreign Policy**

Analyzes the formulation and practice of American foreign policy, with emphasis on its continually changing relation to the domestic political process. Topics include the constitutional and political power sharing between the President and Congress, NATO membership, the Korean War, the Middle East involvement, and the Cold War. Focuses particularly on US policy in the “new world order.”

4 Credits. Prerequisites: PO 231, sophomore standing. Offered periodically

■ **PO 350 European Union Law**

This course provides an in-depth analysis of European Union (EU) law. The student will study the historical development of the EU, the institutions which create its laws and conduct its legislative process, and the general principles of EU law. It will then focus upon substantive policy areas and conclude by analyzing EU progress toward a common foreign and security policy.

4 Credits. Prerequisite: junior ICP standing or permission. Offered periodically

■ **PO 351 Global Political Economy**

Introduces the basic theories and practices of political economy through the lens of globalization. Discusses the World Bank, the International Monetary Fund, the OECD and the former GATT as well as the WTO. Explores the complex trade relations between Asia, Europe, and the US, and the impact of financial crisis on world markets.

4 Credits. Prerequisite: junior ICP standing or permission. Offered periodically

■ **PO 352 Global Hotspots and Conflict Resolution**

Examines the changing context of post-Cold War conflict and how contemporary disputes may be resolved. Analyzes the nature of intervention strategies and their consequences; negotiation and mediation techniques, as well as other political instruments to deal with conflict resolution; the institutions and regimes of security and conflict management, plus the problems related to peace and state building.

4 Credits. Prerequisites: PO 231, sophomore standing. Offered periodically

■ **PO 353 Politics in France**

Studies France's development from a provincial peasant society, hampered by weak governments and enduring colonial wars, to a technologically sophisticated industrial democracy and a major international power. Studies France's cultural, social, and economic contexts, evolving party system, and institutions and policy-making processes to better understand this phenomenal change and its consequences for France's role in the world.

4 Credits. Prerequisite: PO 210, or by permission. The ability to read in French will facilitate research, but is not required. Offered periodically

■ **PO/HI 354 20th Century Diplomatic History**

(See History: HI/PO 354)

■ **PO 356 The Cold War and After**

Analyzes the history of the post-World War II US-Soviet relationship. Examines the foundations of the doctrine of “containment,” Soviet efforts to counter US policy, the implications of National Security Council Directive NSC-68, and US-Soviet geostrategic relations in relation to Europe, Asia, and peripheral regions. Explores the implications of the Soviet collapse and new relations between the US and Russia.

4 Credits. Prerequisite: PO 231. Offered periodically

■ **PO 357 Politics in Central and Eastern Europe**

Analyzes the evolution of political life in eastern Europe from the socialist bloc alliance under the Soviet Union to a new period of democratic and free market reform. Deals with the revised concerns of security and nationalism, and analyzes eastern European relations with western Europe and the former Soviet Union.

4 Credits. Prerequisite: PO 210, or by permission. Offered periodically

■ **PO/HI 358 Russian Foreign Policy: From 17th-Century to the Present**

Studies Russian foreign policy, featuring the historical evolution, the policy-making process, and the roles of the

party and the military. Emphasizes contemporary policy issues, e.g. relations with the US, the Third World, China, and Europe.

4 Credits. Prerequisites: HI/PO 354 or permission, and junior standing. Offered periodically

■ **PO/HI 360 War and Peace**

Focuses on causes and consequences of European military conflicts and the historical transformations resulting from peace settlements. Examines the European wars of religion, the Napoleonic wars, the Franco-Prussian war, the Treaty of Portsmouth, the Paris Peace Conference and the Versailles Treaty as well as World War Two and the Yalta Conference. The approach is interdisciplinary, combining history and political science.

4 Credits. Prerequisite: One 200-level course in Political Science. Offered periodically

■ **PO 361 International Law**

Covers the formal structure of the international legal order; sources, uses and dynamics of law in international relations; use of force, war crimes; the status and functions of states, governments, international organizations, companies, and individuals; law of the sea, environment, jurisdiction, aliens, human rights, the diplomatic process and its protection, and treaties. Discusses theory and future directions of international law.

4 Credits. Prerequisite: PO 231, or by permission. Offered every semester

■ **PO 365 Revolution**

Explores the socio-political and historical roots of revolution, considering that a real revolution is not merely a changeover of elites but a fundamental change in many aspects of the society. Provides a theoretical framework to study all forms of revolutions and then discusses contemporary “democratic,” “Islamic,” and “nationalist” revolutions.

4 Credits. Prerequisite: one 200-level course in Political Science. Offered periodically

■ **PO/PL 367 Capitalism and Democracy**

(See Philosophy: PL/PO 367)

■ **PO 369 Democracy and Social Change**

Democracy has been spreading around the globe – but not everywhere. When and why do stable democracies emerge? Taking a comparative perspective with an emphasis on Europe and the Americas, this course examines the links between Democracy and Social Change. It analyzes how democracy is related to socioeconomic development and shifting class structures, whether it is associated with cultural change, and how globalization affects the future of democracy.

4 Credits. Offered regularly

■ **PO/CM 371 Representing International Politics**

(See *Communications: CM/PO 371*)

■ **PO 372 Politics of the Middle East**

Introduces the contemporary politics of the Middle East, from Turkey and Iran to the Atlantic Ocean, including all the Arab countries of West Asia and North Africa as well as Israel. Focuses on political trends (nationalism and religious fundamentalism), key historical experiences and traumatic events (wars and revolutions), and the interference of world powers that contributed to shaping this sensitive area.

4 Credits. Prerequisite: junior ICP standing or permission. Offered periodically

■ **PO/PL 376 Philosophical and Political Modernity: Kant, Hegel, and Beyond**

(See *Philosophy: PL/PO 376*)

■ **PO 378 War on Terrorism**

Examines the role of force, including coercive diplomacy, in contemporary international relations. Considers definitions of national security, alliance systems, force structures, force deployments, and coercive diplomacy. Examines the entire spectrum of force from terrorism and counter-terrorism, insurgency and counter-insurgency, low intensity conflict, to conventional and nuclear weapon systems.

4 Credits. Prerequisite: junior ICP standing or permission. Offered regularly

■ **PO/GS 386 Women and Politics**

(See *Gender Studies: GS/PO 386*)

■ **PO 490 Senior Seminar**

The senior seminar is the culmination of the degree program and is designed to encourage students to combine their skilled analysis of the political in a challenging new context. While topics cover all three track concentrations, the goal of the seminar is to foster a sense of intellectual autonomy, to facilitate the ability to assess paradigms, and to provide a platform for a professional oral presentation of research results, as well as the incorporation of original research in a written thesis. Recent seminar topics include: Sovereignty, International Criminal Law, and Democracy.

4 Credits. Senior ICP standing only. Offered every semester

Psychology

■ **PY 100 Introduction to Psychology**

This course discusses the intellectual foundations of contemporary psychology. Students learn about the concepts, theories and experiments

basic to an understanding of the discipline, including classic thought and recent advances in psychology such as psychoanalysis, learning theory, biological mechanisms, developmental, social, cognitive, personality and abnormal psychology.

4 Credits. Offered every semester

■ **PY 110 Introduction to Psychology with Lab**

This course discusses the intellectual foundations of contemporary psychology. Students learn about the concepts, theories and experiments basic to an understanding of the discipline, including classic thought and recent advances in psychology such as psychoanalysis, learning theory, biological mechanisms, developmental, social, cognitive, personality and abnormal psychology. In the labs, students will gain practice in scientific methodology and will apply psychological theory to their own observations.

4 Credits. Offered every year

■ **PY 207 Madness, Mania, and the Cinema: A Psychodiagnostic Approach**

Analyzes alienation and delusional states psychodynamically as presented in contemporary film. First studies acute hysteria and multiple personalities (Petrie's *Sybil*). Then approaches the elaboration of a persecution complex (Polanski's *Rosemary's Baby*), amnesia-dissociation (Parker's *Angel Heart*), and psychotic breakdown (Bergman's *Through a Glass Darkly* or *The Hour of the Wolf*).

4 Credits. Prerequisite: sophomore standing. Offered periodically

■ **PY/GS 208 Gender-Identity, Homosexuality, and the Cinema: A Psychosocial Approach**

Deals with the pathologization of the human sexual potential by social pressures and compulsory demand for normalization. Examines deviance and stigmatization by way of Goffman's essay *Stigma*; studies gender-identity in Crisp-Gold's film *The Naked Civil Servant*; analyzes the problems of alternative sexual preference as presented in the Merchant-Ivory production of *Maurice* and in Metzger's *Thérèse et Isabelle*.

4 Credits. Prerequisite: PY 100. Recommended: PY 251. Offered periodically

■ **PY 209 Shattered Brains and Fractured Minds: Lessons from Neuropsychology and Neuroscience**

This course provides knowledge -but also provokes the student's knowledge-on the mind-brain relationship. Phenomena in brain damaged patients teach us how the brain creates our mind. We will talk about how memory, language, visual perception, but also social processes or the body image are

represented in the brain. This course is not a standard neuropsychology course and is accessible for non-psychology students.

4 Credits. Prerequisites: PY 100. Offered periodically

■ **PY/GS 210 Psychology and Gender**

Surveys major issues concerning gender and the science of psychology in an attempt to answer the question: why is there such a gender gap when women and men share more psychological similarities than differences? Topics include: developmental processes and gender; gender-roles and stereotypes, biology and gender; cross-cultural perspectives of gender; social-cultural theories of gender; language and gender, emotions and gender, health and gender.

4 Credits. Offered every Fall

■ **PY 213 Developmental Psychology: a Lifespan Approach**

Provides a comprehensive overview of normal human development throughout the life span. It encompasses all of the topics of interest in psychology through both normal and abnormal behavior within the growth of a single individual. The course will focus on major life transitions within a developmental perspective. Similarities among people in their development are examined, as well as differences due to various individual experiences.

4 Credits. Prerequisite: PY 100. Offered every Spring

■ **PY 220 Research Methods in Psychology**

Students will learn the basics of doing experimental research in psychology, from the ethics of working with human subjects, to researching ideas in the literature, designing, running, analyzing, and interpreting experiments. The principles learned here apply in many domains, scientific or otherwise, where systematic examinations of cause and effect can be brought to bear.

4 Credits. Prerequisites: PY 100, MA 120. Offered every Fall

■ **PY 221 Psychoanalytic Theories of Personality**

Centers on the development of Freud's metapsychology. Critically examines the different formulations of the following concepts: The unconscious, the structural approach (i.e., Ego, Id, Super Ego), representation, anxiety, drive, cathexis, and the mother-infant relationship. Jung's revisions of basic analytic concepts will be examined

4 Credits. Prerequisites: PY 100.

Offered every Fall

■ **PY 222 Personality and Individual Differences**

Personality addresses central psychological questions on how persons

think, feel and act. This course provides students with a solid foundation in the basics of theory and research in personality psychology. Students will be introduced to classic and contemporary perspectives in the field, continuing controversies and debates and the rationale and techniques for personality assessment.

4 Credits. Prerequisite: PY 100 recommended. Offered every year

■ PY/GS 239 Human Nature and Eros

An interdisciplinary approach to the theory of love, eroticism, and sexual orientation in texts by Plato, Lucian, Plutarch, and Freud. Analyzes The Symposium thematically from the point of view of the psychologist, the classicist, and the gender-studies specialist. Will relate erotic themes to modern scholarship, textual interpretation, and the formulation of social issues.

4 Credits. Offered periodically

■ PY 242 The Psychoneuroses: A Psychodynamic Approach to the Neuroses

Uses Horney's differentiation of the situation and the character neuroses to introduce the theory of a basic neurotic character structure, consisting of insecurity, anxiety, hostility, craving for affection, and the defenses.

4 Credits. Prerequisites: PY 100. Offered every Spring

■ PY 243 Abnormal and Clinical Psychology

Examines the classification systems for abnormal behavior, and uses the DSM IV Multiaxial diagnostic system as the base for studying all currently recognized major diagnostic categories. Uses an integrative biopsychosocial model to study the etiology of various psychological disorders as well as empirically supported treatment methods.

4 Credits. Prerequisite: PY 100. Offered every year

■ PY/GS 245 Social Psychology

Studies the nature and causes of individual behavior and thought in social situations. Presents the basic fields of study that compose the science of social psychology, and how its theories impact on most aspects of people's lives. Focuses through lectures and discussions on research in the areas of: conformity, persuasion, mass communication, propaganda, aggression, attraction, prejudice, and altruism.

4 Credits. Offered every year

■ PY 246 Cultural Psychology

Inquires into role of cultural processes in shaping psychological phenomenon. How do mind and culture make each other up? This course investigates the influence of culture on human

development, emotion, morality and sexuality. Students are asked to reflect on their own cultural identity in order to develop a more critical attitude toward their biases and a deeper understanding of psychological pluralism.

4 Credits. Prerequisites: Sophomore or higher standing. Offered every year

■ PY/GS 251 Sexuality, Aggression, and Guilt

Introduces the study of the moral conscience, repression, and the search for happiness. Examines Freud and Marcuse's theses concerning human sexuality and human rights in terms of antagonisms between, on the one hand, erotic preference, gender-identity and aggression, and on the other, socialization, morality, and so-called civilized refinement.

4 Credits. Prerequisite: Sophomore standing. Offered periodically

■ PY 255 Biological Psychology

Students will learn the biological bases of behavior and thought. Specific topics include the anatomy and function of the central and peripheral nervous systems, how nerve cells convey messages, sensory processes, hormones and sexual behavior, emotion, sleep and how drugs affect the brain. Attention is also paid to the brain processes that correlate with mental disorders.

4 Credits. Prerequisite: PY 100. Offered every Spring

■ PY/GS 261 Love, Sexuality, and the Cinema: A Psychodynamic Approach

Applies psychodynamic concepts to the understanding of romantic love as presented in the contemporary cinema. Studies in detail the film *Dangerous Liaisons* (Frears-Hampton), then analyzes a selection of the following films: *Nine And A Half Weeks* (Adrian Lyne), *L'Amant-The Lover* (Duras-Annaud), *Sunset Boulevard* (Wilder).

4 Credits. Prerequisite: Sophomore standing or higher. Offered periodically

■ PY 275 Cognitive Psychology

In this course the student is introduced to human cognition: our ways of coming to know about the world. We will concentrate on the classic topics in adult cognition: pattern recognition, memory, attention, categorization, problem solving, reasoning, and decision making. Cognitive processes will also be placed in a cross-cultural perspective.

4 Credits. Prerequisite: PY 100. Offered periodically

■ PY 277 History and Systems in Psychology

Investigates the major's area of psychological thought and research as first formulated in classical Greece and revived during the Enlightenment. Theories

of and debates about perception, cognition, mind/psyche, intelligence, learning, memory, motivation, animal behavior, psychopathology and the unconscious will be studied from master works and secondary sources.

4 Credits. Prerequisites: PY 100, one 200-level PY course. Offered periodically

■ PY 325 Psychology of Sensation and Perception

Provides a comprehensive overview of the fundamental operations by which every human being acquires knowledge about the external world. This course provides a scientific understanding of how and why the human senses affect the way people perceive the world around them, including how perceptions can be distorted by both physical and experiential factors.

4 Credits. Prerequisite: PY 100. Offered periodically

■ PY 327 Psychological Tests and Measurements

This course provides students with a current analysis of the most widely used psychological tests in schools, professional training programs, business, industry, the military, and clinical settings. Students will learn how psychological tests are constructed, how they are used, and how an understanding of them can make a difference in their careers and everyday lives.

4 Credits. Prerequisite: PY 100. Offered periodically

■ PY/LI 335 Psycholinguistics

Studies the psychological processes involved in the acquisition, understanding and use of language. Provides an overview of the following research areas: speech perception, word recognition, sentence and discourse processing, speech production, first and second language acquisition, bilingual acquisition, and language processing in the brain.

4 Credits. Prerequisite: PY 100 recommended. Offered periodically

■ PY 365 Psychology of Learning and Memory

The student learns the classic and modern theories on classical and operant conditioning and the application of these in such phenomena as drug addiction, marketing and the formation and treatment of phobias. In the second part of the course the student learns memory theories and the application of these in understanding every day memory, such as autobiographical memory, childhood amnesia, flashbulb memory, false memories and eyewitness memory. We will also focus on memory loss and memory training.

4 Credits. Prerequisite: PY 100. Offered periodically

Science

PY 366 Life Stories

This course will introduce students to the basic tenets, methods of study and controversies of narrative psychology. Particular attention will be paid to narrative analysis, identity and the influence of social interactions and culture on how we talk about the past. Students will apply narrative research and theory to the interpretation of life stories.

4 Credits. Prerequisites: Sophomore standing. Offered every other year

PY 367 Social Memory

This course inquires into the nature and dynamics of how groups (families, institutions, countries, etc.) reconstruct and represent the past together. The problem of social memory is approached from multiple disciplinary perspectives.

Students will have the opportunity to explore various places of memory in Paris and examine how these historical events are constructed in the present. *4 Credits. Prerequisites: Sophomore standing or higher. Offered every year*

PY 369 Society, Illness and Health

This course examines health and illness in a social, cultural and historical context. The first part of the course focuses on physical or behavioural "symptoms" without any apparent organic aetiology (e.g. sick building syndrome), appearing in members of specific groups or localities (sociogenic illness). The second part of the course considers socio-cultural shaping and experience of other more prevalent disorders.

4 Credits. Prerequisites: Sophomore standing or higher. Offered every other year

PY/FS 390 Topics in Literature & Psychoanalysis

(See French: FS/PY 390)

PY 391 Topics in Psychology

Treats a series of topics that change every year and deal with various aspects of psychology. Courses are taught by permanent or visiting faculty and are generally related to their fields of specialization.

4 Credits. Prerequisites: Sophomore standing or higher. Offered every year

PY 490 Senior Seminar

The Seminar focuses on important issues in psychology with varied topics. Students have to apply the knowledge in the diverse areas of psychology that they have studied. Each topic will be covered in depth through a critique of the primary literature and a consideration of the relevance of each topic in a broader, contemporary context. Involves class discussions, presentations, and a major research proposal or literature review.

4 Credits. Prerequisites: major in psychology, senior standing. Offered every Fall

BI 101 Biology of Organisms

This course covers the basic structure and function of living organisms at the cellular, sub-cellular and organismal levels, with emphasis on the human organism. Laboratory exercises may utilize both plant and animal material.

4 Credits. Must take lab. Prerequisite: AUP mathematics general education requirement. Offered periodically

BI 102 GENES: From Mendel to the Human Genome Project

This is a biology course designed for non-science majors. Topics include cellular organization, genetics (classical and molecular) and reproduction of living organisms, with emphasis on humans. The effects of recent advances in biotechnology will be discussed.

4 Credits. Must take lab. Prerequisite: AUP mathematics general education requirement. Offered every Fall

BI 105 GERMS: Microbial Friends and Foes in our Environment

This course is designed for non-science majors. Students will be introduced to the unseen world of microbes, the first and most numerous inhabitants of our planet. Human-microbe relationships will be explored with an emphasis on the challenge posed by emerging infectious diseases and bioterrorism.

4 Credits. Must take lab. Prerequisite: AUP mathematics general education requirement. Offered every Spring

GL 101 Physical Geology

Studies the processes going on at present in the physical world. Focuses on the description and genesis of different kinds of rocks and continues with the study of the physical processes shaping the earth's surface, ranging from external weathering, erosion and sedimentation to internal processes of volcanism, earthquakes, orogenesis and plate tectonics.

4 Credits. Must take lab. Prerequisite: AUP mathematics general education requirement. Offered periodically

GL 102 Historical Geology

Studies the origin and evolution of the earth and life on the earth's surface. Deals with the concepts important to understanding the geological record: diversity of life, fossilization, correlation of rock units, and the sedimentary and tectonic framework of the continents. Examines the geography of the continents and the history of life as it existed in each period, particularly the continents of Europe and North America.

4 Credits. Must take lab. Offered periodically

GL/AN 362 Science in Archeology

Introduces the physical, chemical, and geological techniques used by archeologists in their study of different sites. Subjects include: prehistoric and Neolithic man, skeletal remains, dating techniques, palynology, and diatoms. Students present individual research at seminars. Lab sessions include study of organic or inorganic remains and may include participation in a dig.

4 Credits. Must take lab. Prerequisite: AUP mathematics general education requirement. Offered periodically

PH 100 Physics for Non-Scientists

Discusses some of the basic principles of physics using as little mathematics as possible without sacrificing comprehension. Introduces most ideas within a historical context and, as much as possible, relates the topics to phenomena of interest to students.

Topics may include: Newtonian mechanics, matter and the structure of the atom, heat and energy, EM radiation, radioactivity, fusion and fission.

4 Credits. Must take lab. Prerequisite: AUP mathematics general education requirement. Not open to students with credit in or concurrent enrollment in SC 140. Offered once per year

SC 110 Planet Earth

With an emphasis on methodology, discusses: the fundamental laws of physics from a historical perspective (from the Greek concept of motion to the theories of the Big Bang), the formation of the solar system, processes that have shaped the structure of our planet, and the origins of life on Earth and its diversification in the light of the theory of evolution.

4 Credits. Must take lab. Prerequisite: AUP mathematics general education requirement. Offered periodically

SC 120 Environmental Science

This course is intended to introduce non-scientists to key concepts and approaches in the study of the environment. With a focus on the scientific method, we learn about natural systems using case studies of disruptions caused by human activity. Topics include global warming, deforestation, waste production and recycling, water pollution, environmental toxins and sustainable development. The relationships between science and policy, the media, and citizen action are also addressed.

4 credits. Must take lab. Prerequisite: AUP mathematics general education requirement. Offered periodically

SC 130 Astronomy: Exploration of the Universe

Covers topics of basic observational astronomy and introduces topics of modern astrophysics. Topics include

earth-based astronomy, the telescope, the solar system, and planetary motion. Studies the properties of the atom and of light and discusses the new space observatories before considering astrophysics: the birth, evolution, and death of stars, galaxy formation, and evidence for the expansion of the universe.

4 Credits. Must take lab. Prerequisite: AUP mathematics general education requirement. Offered once per year

■ **SC 140 Energy and the Environment**

This is a conceptual physics course for non-scientists. It discusses the principles of physics involved in the production, distribution and consumption of energy using various types of fuel. It also considers the environmental issues related to the use of fossil fuels from a scientific viewpoint. Renewable sources of energy and the economic and political implications of their development as well as ways of conserving energy are also discussed.

4 Credits. Must take lab. Prerequisite: AUP mathematics general education requirement. Not open to students with credit in or concurrent enrollment in PH 100. Offered once per year

■ **SC 191 Topics in Science**

Topics vary. Provides the opportunity to learn new and different scientific topics from visiting faculty.

4 credits. Must take lab. Prerequisite: AUP mathematics general education requirement. Offered periodically

Social Science

For courses in anthropology, economics, history, political science, psychology, and sociology, see separate listings for these fields.

■ **SO 100 Introduction to the Social Sciences**

Cultivates an understanding of the scientific spirit applied to social structures and relations. Enables students to confront the dynamics of social change in the global environment. Considers the boundaries of civic society and private life, the concept of social justice, race and ethnicity, social stratification and class structure, division of labor and economic organization, political liberty and the state.

4 Credits. Offered periodically

Sociology

■ **SO 105 Introduction to Sociology**

Sociology is the study of society and the impact of society on human behaviour.

Introduction to Sociology will cover social reality, and its cultural variations from society to society, amongst groups, and amongst individuals in interaction. Sociology aims to understand and explain the external forces that shape these interactions. The objective of the course is to familiarize students with the basic concepts, issues, and methodologies of the discipline. In this course we will study the major issues that guide sociological analysis, such as social community formation, groups and organizations, process and spaces of socialization, class and social stratification, social mobility, race and ethnicity, social interaction and identity negotiations.

4 Credits. Offered periodically

■ **SO 206 Political Sociology**

Analyzes political processes as social phenomena and the various ways in which political events and activity can be explained using conceptual tools drawn from the disciplines of history, psychology, and other social sciences. Considers the formation of political culture, the nature of ideology, the functional dynamics of the state and bureaucracy, the psycho-social foundations of authority, and the generation of social movements.

4 Credits. Offered periodically

■ **SO 212 Introduction to French Society**

Introduces France and its culture to students who want to understand its people, their mentality, and their ways of life. Examines the historical factors, cultural values, demographic evolution, and social organization, with emphasis on current social and political issues.

4 Credits. Offered periodically

■ **SO/CM 331 Media Sociology**

(See Communications: CM/SO 331)

Spanish

■ **SN 110 Elementary Spanish I**

The elementary class is designed for students with no or minimal prior exposure to or knowledge of Spanish. The class uses a communicative approach to engage students in the learning process. The texts are carefully chosen to not only expose students to the language but also provide them with a thorough understanding of the culture in Spanish-speaking countries around the world.

4 Credits. Offered every Fall

■ **SN 120 Elementary Spanish II**

This course is a continuation of SN 110 focusing on the fundamental elements of the Spanish language within a cultural context. Emphasis is placed on the progressive development of listening, speaking, reading, and writing skills. Students will learn how to express

desires or give their advice, and how to express themselves in everyday life situations.

4 Credits. Prerequisite: SN 110 or equivalent. Offered every Spring

Visual Culture

■ **VC/GS 314 Art, Culture and Gender in the Italian Renaissance I** *(See Gender Studies: GS/VC 314)*

■ **VC/GS 332 The Power of Images in Western History**

This “response theory” course explores the clout that images, high and low, have wielded in the distant and recent Western past. Makers of images are seen alongside breakers of images. As “live” objects of exchange and conflict, images are produced, then reinterpreted, fetishized, feared, banned, censored, mutilated and destroyed. Themes include pilgrimage; art and sexual arousal; Mapplethorpe; images in war.

4 Credits. Offered every Spring

■ **VC 495 Senior Thesis or Senior Project**

Student seeking the Art History degree with a Visual Culture track are required to complete either a thesis or senior project which links an art historical issue to at least one other discipline.

4 Credits. Offered every semester.