

2003-2005 UNDERGRADUATE BULLETIN SUPPLEMENT FALL 2003

Psst! Can't find a course in the Bulletin? Look here!
This Supplement includes all changes and corrections to the Bulletin
AND descriptions of special topics courses!

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changes as they occur!

THIS SUPPLEMENT CONTAINS ALL:

Changes to academic policies

New majors and minors
Changes to majors and minors
arranged alphabetically by name of program

New courses
Special topics descriptions
arranged alphabetically by course designator

and

Corrections to the *Undergraduate
Bulletin*

Academic Policies and Regulations

Advanced Placement Credit

Please refer to page 21 of the 2003-2005 *Undergraduate Bulletin*. Revise the Computer Science entry as follows:

AP Exam	Score	SBU Equivalent	Credit	D.E.C.
A	3	CSE 110	3	none
A	4 or 5	CSE 114	4	none
A/B	3	CSE 110	3	none
A/B	4	CSE 114	4	none
A/B	5	CSE 114 and 214	7	none

Approved Majors, Minors, and Programs

The requirements for the majors, minors and programs listed below have been changed since the publication of the 2003-2005 *Undergraduate Bulletin*. When requirements change, students who have completed at least 45 credits may elect to satisfy either the previous major requirements or the new major requirements. Students with fewer than 45 credits must satisfy the new requirements, unless the major department specifies otherwise. Please consult the section "When Major Requirements Change" in the Academic Policies and Regulations chapter of the *Bulletin*, pages 75-76, for complete details.

Chinese Studies (CNS)

The Chinese Studies program enables students majoring in other fields to pursue China-related courses relevant to their own interests, while developing knowledge and skills that will advance their educational and career goals. Drawing on the perspectives of complementary disciplines, the program offers an 18-credit minor in Chinese studies that covers both contemporary and historical issues. Students may also earn academic credit through study abroad opportunities.

Proficiency in Chinese language is not required for the minor, although language study is highly encouraged and elective requirements for the minor may be completed through advanced language training. Mandarin Chinese is offered at all levels of instruction, with specialized tracks for “heritage-language” learners and “foreign-language” learners. Enrollment in language courses requires a placement assessment to determine the appropriate level of instruction.

Students with a minor in Chinese studies are encouraged to concentrate in one of several thematic tracks: language and thought; literature and culture; history and society. Sample course sequences for suggested tracks are available from the program director. Specific distribution of elective credits is planned in consultation with the director.

Requirements for the Minor in Chinese Studies (CNS)

Completion of the minor requires 18 credits. At least 12 credits must be taken in courses numbered 300 or higher. No more than 3 credits may be taken under the Pass/No Credit option; all other courses must be completed with a letter grade of C or higher.

1. One of the following:
AAS 220 China: Language and Culture
HIS 219 Survey of Modern China
2. Elective Courses
Twelve credits chosen from the list of elective courses below. At least nine credits must be in courses numbered 300 or higher.
3. AAS 487 Independent Research

Elective Courses

CHI 111 Elementary Chinese I
 CHI 112 Elementary Chinese II
 CHI 210 Elementary Chinese for Chinese-Speakers
 CHI 211 Intermediate Chinese I
 CHI 212 Intermediate Chinese II
 CHI 311 Readings in Journalistic Chinese
 CHI 312 Readings in Classical Chinese
 CHI 321 Chinese Poetry and Short Stories
 CHI 322 Chinese Lyric Prose and Plays
 AAS 220 China: Language and Culture
 AAS 351 Revolutionary China: Politics, Culture, and Power
 AAS 352 Environmental History of China
 AAS 370 Ancient China: Neolithic Formations to Imperial Unification
 AAS 372 Family, Marriage, and Kinship in China
 AAS 379 Ethnicity and Nation in China
 ARH 203 History of Asian Art
 ARH 318 History of Chinese Painting
 CLT 220 Topics in Chinese Literature
 CLT 361 Literature and Society (when topic is appropriate)
 HIS 219 Introduction to Chinese History and Civilization (if not used to satisfy requirement 1)

HIS 340 Topics in Asian History (when topic is appropriate)
 HIS 341 20th Century China
 HIS 345 Women and Gender in Chinese History
 HIS 431 Colloquium in Asian History (when topic is appropriate)
 HIS 432 Colloquium in Asian History (when topic is appropriate)
 PHI 342 History of Chinese Philosophy
 PHI 378 Philosophical Topics in Asian-American History (when topic is appropriate)
 POL 413 Asian Security and Technology Issues
 RLS 102 Eastern Religions
 RLS 240 Confucianism and Taoism
 RLS 260 Buddhism
 RLS 280 Islam
 RLS 430 Special Topics (when topic is appropriate)
 RLS 431 Special Topics (when topic is appropriate)
 THR 313 Asian Theatre and Drama

Computer Engineering (ECE)

Please refer to page 156 of the *2003-2005 Undergraduate Bulletin*.

Requirements for the Major in Computer Engineering (ECE)

Item 7., Engineering Technical Electives, ESE 337 Digital Signal Processing Theory has been added to the list of technical elective courses.

Electrical Engineering (ESE)

Please refer to p. 173 of the *2003-2005 Undergraduate Bulletin*. In the Sample Course Sequence for the Microelectronics Track, Senior Year ESE 304 # should be taken in the Spring rather than the Fall. In the Fall, it should be replaced with an ESE elective.

Federated Learning Community Minor in Globalization (GLS)

The Federated Learning Community is a one to two year program that focuses on an issue of major importance and leads to an academic minor. The program design enables students to register for a cluster of courses arranged around that issue. The program seminars focus and integrate the material of the "federated" courses in a small community setting. The topic for 2003-2004 continues as Globalization. The program responds to the growing globalization of the economy, the interdependence of nations and peoples, and the growth of international political institutions. It provides an interdisciplinary approach that includes the study of Western and non-Western cultures, requires an understanding of comparative socio-cultural analysis, is concerned with global links, interactions, and synergies, and considers how global changes can be assessed and changed to

improve the quality of life of current and future generations and provide resources for a sustainable future.

All students may enroll in federated courses but to receive the minor in Globalization, students must complete 24 credits of federated courses, including the program seminars, FLC 301 and FLC 302, and six additional courses from a list of approved courses. Courses offered for Fall 2003 that may be applied toward the minor include:

EGL 395-G War Poets
 EST 201-H Technological Trends In Society
 EST/POL 412 Intelligence Organization, Technology, and Democracy
 HUE 269-I Film, War, Memory
 PHI 367 Philosophy of War and Peace
 POL 372-J Politics of the Third World
 SOC 348-F Global Sociology
 SOC/POL 374 Global Issues in the U.N
 WST 395-J Topics in Global Feminism

All courses offered for the minor must be completed with a letter grade of C or higher.

For more information about the Federated Learning Community minor in Global Studies, contact Prof. Hermann Kurthen at hkurthen@notes.cc.sunysb.edu or call or stop by the Learning Communities Program office, Library N-3007 or call 632-4378.

Materials Science (ESM)

Please refer to page 227 of the 2003-2005 Undergraduate Bulletin. For students in the engineering science major, the requirements have been revised as follows:

Five courses are required:

1. Four courses chosen from
 - ESM 302 Introduction to the Crystalline State
 - ESM 309 Thermodynamics of Solids
 - ESM 325 Diffraction Techniques and Structure of Solids
 - ESM 334 Materials Engineering
 - ESM 353 Biomaterials: Manufacture, Properties, and Applications
 - ESM 369 Polymers
 - CHE 301 Physical Chemistry I
 - CHE 302 Physical Chemistry II
 - CHE 351 Quantum Chemistry
2. One of the following:
 - ESG 487 Cooperative Research in Technological Solutions
 - ESM 475 Undergraduate Teaching Practicum
 - ESM 488 Cooperative Industrial Practice
 - ESM 499 Research in Materials Science

No more than two non-ESM courses may count toward the minor. ESG core courses cannot be used to meet requirements for both the ESG major and the ESM minor.

Course Descriptions

The courses below are special topics courses for Fall 2003 or have been added to the curriculum or have been changed in some way since the publication of the 2003-2005 Undergraduate Bulletin. If a course has been "revised," only the revisions to the course information in the *Bulletin* are included here. Special topics course descriptions only include prerequisites additional to those enumerated in the *Bulletin*.

AAS 201-J Introduction to South Asian Civilization formerly SAS 240

AAS 220-J China: Language and Culture *new course*
 A survey of languages, dialects, and regional cultures of China. Addresses issues of diversity and standardization in the world's most populous country, particularly the role of language as both a system of spoken and written signs as well as a resource for cultural reproduction and social change. Explores discourse norms, key cultural concepts, and the unique problems posed by cross-cultural translation, interpretation, and interaction.
 3 credits

AAS 320-G Literatures of India formerly SAS 320

AAS 351-J Revolutionary China: Politics, Culture, and Power

new course

Explores the history of revolutionary nation-building efforts in 20th century China, examining social, cultural, economic and political developments during the "Republican" and "Maoist" periods. Focuses on key terms and concepts used by agents and analysts of revolutionary change. Draws on interdisciplinary scholarly studies, government documents, media reports, auto-biographical accounts, and popular fiction to assess the consequences of major events on people's lives, livelihoods, worldviews, and personal relationships. This course is offered as both AAS 351 and HIS 351.

Prerequisite: One AAS or HIS course
 3 credits

AAS 352-H Environmental History of China

new course

The history of interaction between human activities and the natural environment in China, with special attention to ecological consequences of various paradigms of economic development throughout Chinese history. Focus in on the political ecology of state-level societies, and the relationships between cultural ideas, behavioral practices, human health, and environmental change. This course is offered as both AAS 352 and HIS 352.

Prerequisites: U3 or U4 standing; completion of D.E.C. category E
 3 credits

AAS 370-J Ancient China *new course*

Explores the development of social, economic, political, and cultural systems in ancient China, from the neolithic period, through the Han dynasty. Draws on archaeological data and historical texts to examine the emergence of state-level polities and their subsequent unification under imperial authority. Analytical focus is on political economy, social organization, ritual exchange, and notions of rulership expressed in philosophical thought. This course is offered as both AAS 370 and ANT 370.

Prerequisites: U3 or U4 standing; completion of D.E.C. category F

3 credits

AAS 372-J Family, Marriage, and Kinship in China

new course

Examines forms and dynamics of social organizations in Chinese society, focusing on cultural, social, and economic aspects of family, marriage, and extended kinship relations such as lineages, clans, and sworn brotherhoods. Particular attention is paid to how gender, generation, class, and ritual exchange shape identity, status, and power. This course is offered as both AAS 372 and ANT 372.

Prerequisite: ANT 102

Advisory Prerequisites: AAS 220 and ANT 354

3 credits

AAS 391-G Humanities Topics in South Asian Studies

formerly SAS 401

AAS 392-F Social Science Topics in South Asian Studies

formerly SAS 402

AAS 394-J Topics in Asian Art *new special topic course*

Topic for Fall 2003 is The Art of India. May be repeated as the topic changes. This course is offered as both AAS 394 and ARH 394.

Prerequisites: U3 or U4 standing; one ARH course

3 credits

AAS 447 Directed Readings in Asian and Asian-American Studies

formerly SAS 447

AAS 475 Undergraduate Teaching Practicum I

formerly SAS 475

AAS 476 Undergraduate Teaching Practicum II

formerly SAS 476

AAS 487 Supervised Research in Asian and Asian-American Studies

formerly SAS 487

AAS 488 Internship in Asian and Asian-American Studies

formerly SAS 488

AFS 422 AIDS, Race and Gender in the Black Community *special topic*

The effect of the AIDS epidemic on the African American

community, including the community's efforts to eradicate the causes of HIV/AIDS and to stem its spread, as well as its endeavor to develop ways of exploring healthy forms of sexual communication and interaction. Analysis of the role of poverty and politics in the health status of African Americans.

ANT 370-J Ancient China *new course*

Explores the development of social, economic, political, and cultural systems in ancient China, from the neolithic period, through the Han dynasty. Draws on archaeological data and historical texts to examine the emergence of state-level polities and their subsequent unification under imperial authority. Analytical focus is on political economy, social organization, ritual exchange, and notions of rulership expressed in philosophical thought. This course is offered as both AAS 370 and ANT 370.

Prerequisites: U3 or U4 standing; completion of D.E.C. category F

3 credits

ANT 372-J Family, Marriage, and Kinship in China

new course

Examines forms and dynamics of social organizations in Chinese society, focusing on cultural, social, and economic aspects of family, marriage, and extended kinship relations such as lineages, clans, and sworn brotherhoods. Particular attention is paid to how gender, generation, class, and ritual exchange shape identity, status, and power. This course is offered as both AAS 372 and ANT 372.

Prerequisite: ANT 102

Advisory Prerequisites: AAS 220 and ANT 354

3 credits

ARH 334-G Performance Art *new course*

This course explores the history and theory of performance art from its inception in the avant-garde movements of the early 20th century through contemporary forms of body art and multi-media forms involving live performers.

Questions addressed focus on the choices made by artists, and the forces within the culture that encourage the forms they use. The final project requires students to create a site-specific work, alone or in teams that may or may not use alternative media. This course offered as both ARH 334 and THR 334.

Prerequisites: U3 or U4 standing; one ARH, ARS, MUS, or THR course

Advisory Prerequisite: ARS/MUS/THR 208

3 credits

ARH 391-G Topics in Art History

ARH 392-I Topics in European Art

ARH 394-J Topics in Asian Art

ARH 395-J Topics in Non-Western Art

ARH 396-K Topics in American Art

May be repeated as the topic changes.

Prerequisites: U3 or U4 standing; one ARH course

3 credits

ARH 420 History and Methods of Art History *new course*

Seminar designed to engage students with the history and methods of art history. Through close readings of key texts and discussions, the course explores issues raised by aesthetics, iconography, formalism, the social history of art, as well as the impact of semiotics, feminism, psychoanalysis, and post-modernism on the discipline of art history.

Prerequisites: U3 or U4 standing; ARH 101 and 102

Advisory Prerequisite: One other ARH course

3 credits

BIO 338 From Synapse to Circuit: Selforganization of the Brain *new course*

Exploration of basic neural and synaptic mechanisms and the operation of representative brain circuits, using both theoretical approaches and experimental evidence.

Particular attention is given to Hebb's Rule, its cellular basis, its consequences for circuit selforganization, and its limits. A solid background in a mathematical, physical, or biological science is desirable, but most relevant background material is covered in the course.

Prerequisite: BIO 203 or CHE 132 or PHY 122

Advisory Prerequisite: BIO 334

3 credits

BUS 390 Corporate Communications *special topic*

Examines the role of communications in the corporation using case studies. Topics include corporate identity, image, reputation, advertising, media relations, employee communications, investor relations, government relations, crisis communications, leadership and corporate responsibility.

Prerequisites: BUS 110, BUS major or minor, U3 or U4 standing

CCS 401 Fascism and Film/Fascism in Film *special topic*

This course examines the relationship between Italian cinema and Italian Fascism in the films during the Fascist period (1922-1943) and in the post-World War II era, and concentrates on the representation of ideology, sexuality and gender. For fall 2003, this course is offered as both HUI 431 and CCS 401.

Prerequisite: HUI 231 or permission from the instructor

CHE 341, 342 Organic Chemistry Honors Seminar I, II *new courses*

An honors seminar to accompany CHE 321 and 322.

Advanced topics within the scope, but beyond the reach, of CHE 321 and 322 are discussed. Includes an

introduction to contemporary topics in research.

Permission to enroll is given to those students who have demonstrated excellence in their general chemistry courses.

Prerequisite: Permission of instructor

Corequisite to CHE 341: CHE 321

Corequisite to CHE 342: CHE 322

1 credit

CHI 311 Readings in Journalistic Chinese *revised course*

Advanced narrative readings in Chinese selected from Chinese newspapers and magazines, including news reports and narrations on life styles, people, and landscapes. Students are expected to improve their skills in the analysis and writing of narrative readings. This course is designed for students who already have intermediate level proficiency in Chinese, who can read and write everyday vernacular Chinese, but who have not been exposed to more formal language and literary forms.

Prerequisite: CHI 212 or 210 or proficiency in Chinese

3 credits

CHI 312-J Readings in Classical Chinese *revised course*

Introduction to writings in Chinese that appeared before the May 4th Movement (circa 1920), which marked the beginning of modern Chinese. The course introduces students to readings in classical Chinese and to acquaint students with cultures and customs of traditional China.

This course is designed for students who already have intermediate level proficiency in Chinese, who can read and write everyday vernacular Chinese, but who have not been exposed to more formal language and literary forms.

Prerequisite: CHI 212 or 210 or proficiency in Chinese

3 credits

CHI 321-J Chinese Poetry and Short Stories *new course*

Selected masterpieces of poetry and short stories written during the first half of the 20th century. Students are expected to improve their skills in literature appreciation and to model their own writings after works read in class. This course is designed for students who already have advanced level proficiency in the Chinese language in all its forms including reading and writing. Not for credit in addition to the discontinued CHI 395.

Prerequisite: Advanced level proficiency in Chinese

3 credits

CHI 322-J Chinese Lyric Prose and Plays *new course*

Selected masterpieces of lyric prose and drama written during the first half of the 20th century. Students are expected to improve their skills in literature appreciation and to model their own writings after works read in class. This course is designed for students who already have

advanced level proficiency in the Chinese language in all its forms including reading and writing. Not for credit in addition to the discontinued CHI 396.

Prerequisite: Advanced level proficiency in Chinese
3 credits

CSE 390 Introduction to Visual Computing *special topic*

A unified introduction to computer graphics and computer vision for students interested in imaging or digital visual arts. Includes image synthesis and image analysis techniques. Requires excellent programming skills and a strong background in mathematics.

Prerequisites: CSE or ISE major; U3 or U4 standing; CSE 214; AMS 210

CSE 391 Solid Modeling *special topic*

Covers aspects of procedural modeling for complex three-dimensional objects including: conception and design; realization as a computer model suitable for virtual reality display; and physical production via state-of-the-art rapid prototyping processes. Various representation and modeling techniques suitable for structured objects with symmetry or other regularities (e.g. fractal structure) are explored. Students will complete a project that they fabricate on a rapid prototyping machine.

Prerequisites: CSE or ISE major; U3 or U4 standing; AMS 210 or MAT 211; CSE 328

CSE 392 Multimodal Computer-Human Interfaces *special topic*

Overview of computer-human interfaces with an emphasis on innovative approaches. Principles of computer-human interaction. Ubiquitous computing and tangible interfaces. Interfaces employing speech recognition and computer vision. Sensor technologies. Computer-supported cooperative work. Virtual and augmented realities.

Prerequisites: CSE or ISE major, U3 or U4 standing, CSE 333 and 334

ECO 351 Strategic Thinking *special topic*

Analysis of decision making in situations where several decision makers interact, each individual's decision exerting influence on all other decision makers. Examples include individuals engaged in electing a chairperson of an organization; employers and employees negotiating terms of employment; competing firms, parties in the parliament, or countries in conflict. May be repeated as the topic changes.

Prerequisite: ECO 303

ECO 352 The Economics of Class *special topic*

Investigation of the economic foundations of social class and the connection among class, race, and gender. Consideration of both theoretical and empirical strategies to understanding the working class, the middle class, and the capitalist class in contemporary U.S. society, including the implications of class analysis for social issues the

“underclass,” and welfare reform, globalization, living standards and the distributions of income and wealth, and the “family values” debate.

Prerequisite: ECO108

ECO 353 U.S. Economic History *special topic*

This courses covers selected topics in U.S. economic history. Topics include: (1) the economic basis for the American Revolution, (2) the death of the 2nd Bank of the United States, (3) the economics of slavery, (4) the economics of the gold standard, (5) economic growth without a central bank, (6) the economic role of the railroads, (7) the Federal Reserve System, (8) the evolution of government regulation and anti-trust policy, and (9) the causes of the Great Depression.

Prerequisites: ECO 303 and 305

ECO 354 Urban Economics *special topic*

Microeconomic view of the variety of aspects of urban areas, including the importance of social interactions, toward an understanding of economics in the broader social picture of an urban area. Using theoretical microeconomics and quantitative data and models, students consider such questions as why cities exist; how they change over time; and the special issues arising in urban areas, such as housing, transportation, poverty, and discrimination. May be repeated as the topic changes.

Prerequisite: ECO 303

ECO 356 Experimental Economics *special topic*

Analysis of different experiments in economics that give a new insight into the way people behave in an economic environment.

Prerequisite: ECO 108

ECO 357 Economics of Imperfect Competition *special topic*

An examination of markets with differentiated products. Topics include vertical and horizontal differentiation, models of collusion, auctions, research and development and the rate of technological change and how it is affected by regulations and the market structure. Examples are drawn from certain high-tech industries such as: telecommunications, computers, and others.

Prerequisite: ECO303.

EGL 369-G Italian-American and African-American Women Writers *special topic*

This course examines the cultural contributions of two literary groups in American history: Italian American and African American. Students will read the literary works of women writers and pursue a cross-cultural analysis of both groups, focusing on gender and genre. For fall 2003, this course is offered as EGL 369:01 and HUI 390:01 and WST 398:02.

EGL 372:02-G Victorian Men and Women *special topic*

This course explores how ideas of what makes female human beings feminine and male human beings masculine, and how they are represented in literary history with a focus on the Victorian period, when the subject of gender and sexuality became problematized, when the idea of homosexuality as a sexual orientation was invented; middle-class women were confined and idealized; and manliness required serious training. This course is offered as both EGL 372 and WST 372.

ESE 341 Information Theory and Coding *revised prerequisite*

Prerequisites: ESE 306 or AMS 311

ESG 320 Sensor Materials and Devices *new course*

Presents sensors as the physical, chemical, and biological detectors necessary for monitoring human health, the environment, and industrial processes. Covers the basic principles of operation, materials selection, and fabrication using nanomaterials.

Prerequisites: CHE 198, ESG 281, AMS 361
3 credits

ESM 299 Directed Research in Materials Science *new course*

A directed research project with faculty supervision or as part of a research team. Intended for freshman or sophomore students to develop research skills in a closely mentored environment. A final report and oral presentation are required at the end of the project. ESM 199 is a recommended prerequisite.

Prerequisite: Permission of the Undergraduate Program Director
0-3 credits

ESM 339, Thin Film Processing of Advanced Materials *crosslisting deleted*

The course will be offered as ESG 339 only.

EST 303 Crisis Communications *new course*

Explores the emerging fields of crisis and risk communications through case studies. Oil spills, cyber crimes, medical device malfunctions, product tampering, and recalls are among the types of crises studied. Also examines crisis prevention, crisis plan development, media management, and the way organizations struggle to speak truthfully about risks that arouse public fears.

Prerequisite: U3 or U4 standing
3 credits

FLC 301 Global Trade, Arms Proliferation, and Human Rights

This FLC program seminar integrates topics from federated courses concerning the global causes and interactive effects of wars, arms proliferation, and human rights violations; the trade in sex and the spread of deadly diseases such as AIDS/HIV; the expansion of free market

capitalism and its ramifications for less developed countries; and the increasing importance of "Global Cities" as centers of power networks and global decision making. For fall 2003, this course is offered as both FLC 301 and SOC 393.

FRN 434 Women and the 18th-Century French Novel: Teaching Vice and Teaching Virtue *special topic*

Examination of the two predominant roles of the heroine in 18th-Century French novel: the *initiatrice* and the *initee*. Each text portrays women on both sides of the educational process. May be repeated as the topic changes.

FRN 436 The Stranger in the 20th-Century Novel *special topic*

An in-depth analysis of the loner and outsider in the works of Andre Gide, Jean-Paul Sartre, Albert Camus, and Andre Malraux. May be repeated as the topic changes.

HIS 300 Global History: The Cartography and Geography of Global History *revised course, special topic*

This course is now a repeatable special topics course. Exploration of the long-term evolution of local places to global space (the globalization of the globe) and the emergence of geographic information systems (GIS) in the second half of the 20th century. Consideration of hand-drawn cartography, specifically classical world maps before and after Columbus, and of GIS mapping of spatial data by computer scientists and advanced applications engineers. This class meets in the Social Science Data Lab.
Prerequisite: One course in 20th-century history

HIS 340 Late Imperial China *special topic*

The changing history and culture of the Ming dynasty (1368-1644), the last Chinese-ruled period of Imperial history, and the Qing (1644-1911), a successful ethnic minority-led ruling house and the last dynasty of the Imperial period. Examination of the resurgence of Chinese rule after the Mongol conquest; the subsequent efflorescence of polity and culture; and the reasons for its decline three centuries later. Consideration of the historical significance of the Manchu-ruled polity—and the formation of a multi-ethnic, multi-cultural empire that has continued to form the basis of modern China.

HIS 351-J Revolutionary China: Politics, Culture, and Power *new course*

Explores the history of revolutionary nation-building efforts in 20th century China, examining social, cultural, economic and political developments during the "Republican" and "Maoist" periods. Focuses on key terms and concepts used by agents and analysts of revolutionary change. Draws on interdisciplinary scholarly studies, government documents, media reports, auto-biographical accounts, and popular fiction to assess the consequences of major events on people's lives, livelihoods, worldviews,

and personal relationships. This course is offered as both AAS 351 and HIS 351.

HIS 368-H Environmental History of China *new course*

The history of interaction between human activities and the natural environment in China, with special attention to ecological consequences of various paradigms of economic development throughout Chinese history. Focus in on the political ecology of state-level societies, and the relationships between cultural ideas, behavioral practices, human health, and environmental change. This course is offered as both AAS 368 and HIS 368.

Prerequisites: U3 or U4 standing; completion of D.E.C. category E

3 credits

HIS 390 Ancient Greece *special topic*

The course examines how and why basic features of our society such as democracy, philosophy, theater, and more were influenced by the ancient Hellenes. Consideration of their achievements and why they have lasted so long.

HIS 391 Early Modern Europe: The Reformation 1500-1650 *special topic*

This course considers the split in western Christendom which began in the early 16th century and resulted in several centuries of religion-driven conflict, war, and turmoil. Through a narrative of the principal events, and examination of several recent scholarly treatments of aspects of the period, the course attempts to understand the significance of those events for the Europeans involved, their overseas dominions, and posterity.

HIS 392 England and France in the Age of Revolution *special topic*

An examination of the social, intellectual, cultural and political life of England and France from the death of Louis XIV to the Battle of Waterloo. Topics include the structure of the ancient regime states, the impact of war and colonial acquisition, the rise of public culture, salonnieres and the Enlightenment, exoticism and the culture of imperialism, the emergence of popular radicalism, and the transformation wrought by the late-eighteenth century revolutions. Readings include historical and literary works from the period.

HIS 393 Society and Culture in Nazi Germany *special topic*

An overview of the major issues in the social history of Nazi Germany. The seminar focuses on such issues as gender, class, and race; daily life among non-Jewish, "ordinary" Germans with a particular emphasis on leisure, tourism, and fashion; family, sexuality and youth; memory and history in post-Nazi Germany. In addition to primary and secondary printed sources, the class examines films for the insights they offer into Nazi culture and society.

HIS 396.01 The American South to 1865 *special topic*
The American South between the Revolution and the Civil War. Topics include slavery and the slave trade; southern agriculture and economy; southern nationalism; Native American relations; religion; southern culture; and secession.

HIS 396.02 Urban Environmental History *special topic*
Survey of "city life" during the past two centuries. Investigation of the city's historical use and abuse of nature, both from the city's immediate vicinity and from around the globe, for food, building materials, and waste disposal. Discussion of nature's reaction to the city. Issues include the rise of the canals and the railroads; health reform, parks, and planning; sustenance; the suburbs; war; environmentalism, race; federal policies; the interstate; and protest.

HIS 396.03 Women, Utopia and Dystopias *special topic*
The role of women in attempts to create utopia, a place of ideal perfection. The course concentrates on a select group of real life experiments, primarily in the 19th and 20th centuries, and imaginative novels by feminist writers. The historical place of women in theory and practice in communities that practiced pantagamy (Oneida), free love (Modern Times), polygamy (Mormons), and celibacy (Shakers), are compared with communes of the 1960's and 1967's and some fictional utopias and dystopias including science fiction. For Fall 2003, this course is offered as both HIS 396:03 and WST 396:01.

HIS 397 Asian American History *special topic*
Introduction to the historical and contemporary factors that have molded Asian American life in the United States of America. Themes include race-labor hierarchy, gender, immigration, second generation, and images/mass media.

HIS 398 The Human Domination of Earth's Plants Animals and Ecosystems *special topic*

How the Earth has become a human-dominated planet. Readings include studies about the Neolithic, Scientific, Industrial, and Technoscientific Revolutions, global population dynamics, environmental disasters and successes as well as environmental movements and politics.

HIS 399 Crime and Police *special topic*

The development of police, courts, prisons, criminal law and crime from the 17th century to the present. The course covers the changing nature of crime and criminals, creation and change in the institutions of criminal justice, and how people have perceived and responded to crime over time.
Prerequisite: HIS 103 or 104 or 268.

HIS 401 Culture Wars in History: Modern American and Europe *special topic*

Themes and methods in cultural history. The content of the course depends on the interests of the students enrolled.

Possible themes include national identity, the role of arts in politics, sports and culture, the media, race and ethnicity and culture as a system of power. Topics are chosen in the cultural history of the U.S. and/or Europe from the 1600s to the present.

HIS 411 World War II Simulation *special topic*

Simulation of great power and ideological conflict in the world from 1936-1946. Students are organized in national teams (Germany, Italy, Japan, the Soviet Union, China, Great Britain, France and the United States) and attempt to maximize their national and ideological objectives within the framework of an instructor-operated simulation model. In addition, each student attempts to forward their actor's agenda within her or his national team. Wars may (or may not) occur during the course of the simulation.

Prerequisite or Co-requisite HIS 250; permission of the instructor.

HIS 412 American Beauty Culture *special topic*

This course explores the historical development of American beauty culture. Paying attention to race, class, and gender, the course scrutinizes scholarly writings on advertising, cosmetics, movies, magazines, beauty pageants, and other cultural forms. Readings may include Kathy Peiss's *Hope in a Jar*, Noliwe Rooks's *Hair Raising*, Colleen Cohen's *Beauty Queens*, and Joanne Herschfield's *Inventing Dolores Del Rio*.

HIS 431 Japanese Imperialism in East Asia *special topic*

Japan's experience with empire in the prewar period. The course surveys Japan's occupation of Manchuria, Korea, and Taiwan and traces the evolution of Japanese policies in East Asia. Japan's experience and record of colonial management in the various regions is compared to the local responses to Japanese rule. Some attention is given to the issue of the mixed legacies of Japan's empire and current controversies connected to them. Japan's imperial experience is also compared to that of European empires in the same era.

HUE 269-I Film, War, Memory *special topic*

Exploration of issues related to the representation of war in cinematic texts dealing primarily with armed conflicts in East Central Europe from World War II to the recent wars in the Balkans and in Chechnia. The course focuses on how cinematic forms invoke concepts and represent experiences related to war and war-induced trauma. May be repeated as the topic changes.

HUI 331-G From Machiavelli to Makaveli: Machiavellism and Reason of State from the Renaissance to the Present *special topic*

An examination of Machiavelli and of Machiavellism, from the early 1500's to the Enlightenment and beyond. How Machiavellism became a school of thought, how it

was reinterpreted and debated by the theorists of the Reason of State. References to Machiavellism in modern politics and in popular culture is also included. May be repeated as the topic changes.

HUI 390-G Italian-American and African-American Women Writers *special topic*

This course examines the cultural contributions of two literary groups in American history: Italian American and African American. Students will read the literary works of women writers and pursue a cross-cultural analysis of both groups, focusing on gender and genre. For fall 2003, this course is offered as EGL 369:01 and HUI 390:01 and WST 398:02.

HUI 431 Fascism and Film/Fascism in Film *special topic*

This course examines the relationship between Italian cinema and Italian Fascism in the films during the Fascist period (1922-1943) and in the post-World War II era, and concentrates on the representation of ideology, sexuality and gender. For fall 2003, this course is offered as both HUI 431 and CCS 401. Laboratory for film viewing meets with ITL 441.

Prerequisite: HUI 231 or permission from the instructor

ITL 313 Italian Vocabulary *special topic*

A course designed to increase the vocabulary and oral comprehension of students of Italian. The theme for fall 2003 is Popular Music.

ITL 434 Italian and European Romanticism *special topic*

Interdisciplinary examination of the literary movement of Italian Romanticism within the context of 19th century European culture, focusing particularly on the themes of love, death, and "Patria" (the Italian 'Risorgimento'), as seen in the major works of Ugo Foscolo, Giacomo Leopardi, and Alessandro Manzoni.

ITL 441 Fascism and Film/Fascism in Film *special topic*

This course examines the relationship between Italian cinema and Italian Fascism in the films during the Fascist period (1922-1943) and in the post-World War II era, and concentrates on the representation of ideology, sexuality and gender. Lecture taught in Italian. Laboratory for film viewing meets with CCS 401/HUI 431.

JPN 211 Intermediate Japanese I *changed credits*

This course is now 4 credits.

MAT 401 Discovery of the Einstein Field Equations *special topic*

The course discusses special relativity, its mathematical setting and development, and some aspects of the physics; traces through the thought processes that Einstein went

through to find his field equations; considers the idea of relating gravity with geometry, general covariance, coordinate independence, and so on. Some familiarity with manifolds and differential geometry recommended but not required.

MEC 495 Professional Engineering Seminar *new course*

Prepares the student to enter the workplace as a practicing engineer. Topics include professional ethics, professional activities, professional engineering licensing, patents, seeking entry-level employment, and exposure to the engineering work environment. Aids in preparation for the EIT/FE exam. Includes speakers from a variety of disciplines, within the College and from industry.

Prerequisites: CEAS major, U4 standing
1 credit, S/U grading

MUS 450 Music of the Romantic Era *special topic*

Introduction to Western art music of the Romantic era. Key works in all the major genres are considered. Significant changes in musical thinking are examined, comparing them with parallel developments in the sister arts, and situating them in the broader context of 19th-century European culture. Thematic exploration begins with the Romantic era heroes Paganini and Liszt and later considers how certain values such as nationalism and exoticism can shape and be shaped by the production and reception of music. A wide range of musical styles are covered, from Italian, French, and German opera, to symphonies, to intimate pieces for voice and chamber ensembles.

PHY 310 Probability and Statistics for Experimental Physics *revised prerequisites*

Prerequisites: PHY 287 or MAT 331; PHY 303

POL 401 Politics and the Internet *special topic*

This course is designed to help students learn how to use Internet resources to conduct research in political science (and other fields generally). The course does not assume that students know much at all about computers; all relevant skills will be covered in the course itself.

Prerequisites: 300 level POL course; permission of instructor.

POL 403 Seminar in Advanced Topics: Political Leadership Rhetoric *special topic*

After consideration of the concept of political leadership and the ways in which it has been studied, this course focuses on the analysis of political rhetoric. Readings in classical rhetorical theory and examination of some classical examples are followed by close study of speeches by several significant political leaders, such as Lincoln, Eisenhower, Carter, Reagan, M.L. King, and others. Focus on such rhetorical topics as campaign rhetoric, apologizes, women politicians, policy change, and social movement leadership.

POL 404 Immigration and Refugees *special topic*

A comparative study of the politics of international migration—the movement of people across international borders.

PSY 339:01 Applied Behavioral Analysis *special topic*

A comprehensive curriculum to address all aspects of positive behavior using a case study format and supported applications. Students learn to design, implement and evaluate instructional and environmental modifications to produce socially significant improvements in behavior and increase quality of life outcomes for students with special needs.

PSY 349:01 Women's Health Issues *special topic*

Investigation of the psychosocial aspects of women's health, emphasizing women's reproductive lives (menstruation, contraception, pregnancy, motherhood, and menopause) and other health issues of particular relevance to women, such as heart disease, breast cancer, and depression. These topic areas are examined to illustrate vital interactions of women's health with biological, psychological, and social factors.

PSY 358 Neuroethology *special topic*

How the brain is organized to allow animals to see, to flee from predators, and to remember experiences. The course considers the neuronal organization of behavior by examining neural solutions that have evolved in animals to solve problems encountered in their particular environmental niches, including echolocation in bats, vision in barn owls, flight in locust, learning in honeybees and more. May be repeated as the topic changes.

PSY 369 Self Control *special topic*

Self-control considered as higher-valued and more temporally distant or more abstract rewards over smaller but immediate rewards. Good health, for example, is both more distant in the future and more abstract in conception than smoking a cigarette. This behavioral view of self-control is explored in detail and is contrasted with views of self-control in terms of inner events such as the exercise of willpower.

SAS Courses: See AAS

SOC 330-F Media and Society *new course*

The course examines changes in the use of mass communications media, such as newspapers, radio, television, and the Internet, over time, and assesses the implications of these changes for society. Consideration of the commercial use of mass media and the media's role in providing news for democratic societies. Emphasis on the global dimensions of the mass media, including how they shape Americans' understandings of other countries and peoples, and vice versa.

Prerequisites: U3 or U4 standing; SOC 105 or POL 101 or

102 or 103
3 credits

SOC 390:01 Sociology of Masculinity *special topic*

Examination of the mystery behind "men's lives," considering at the life experiences, emotions, physical responses, ideas, and aspirations of men as they interact with women, with each other, and with themselves. Using a "life-course" perspective, the course attempts to understand the way men's lives change over time, observing men as they grow up, learn and play with other boys, go to school, discover and experience their sexualities, enter families, become fathers, and grow older.

SOC 391:01 Sociology of Aging *special topic*

Analysis of key sociological perspectives on aging and old age, including the experience of the elderly in the U.S. and elsewhere. How social characteristics like race and gender impact the aging experience and the implications for the increase in life expectancy.

SOC 393 Global Trade, Arms Proliferation, and Human Rights

This FLC program seminar integrates topics from federated courses concerning the global causes and interactive effects of wars, arms proliferation, and human rights violations; the trade in sex and the spread of deadly diseases such as Aids/HIV; the expansion of free market capitalism and its ramifications for less developed countries; and the increasing importance of "Global Cities" as centers of power networks and global decision making. For fall 2003, this course is offered as both FLC 301 and SOC 393.

SPN 405 Romanticism in Spanish America

Readings and analysis of examples from the various literary genres produced during the Romantic period which lay claim to this cultural and intellectual independence. Examination of examples of the political essay, "gauchesca" poetry, "tradiciones," the historical novel, and the sentimental novel. The course explores the tensions and contradictions within each text. We will interpret these moments of tension within the texts as the result of a quandary: the emergence of a Spanish American literature from a culture riddled with anxiety about its origins

SPN 435 This is a Man's Thing: Writing Caudillos in Latin American Literature *special topic*

This course considers the conception(s) of power that derive from reading of some of the mostly known fictions on *caudillos* on dictators in Latin America. Analysis of the position of the narrator in relation to the strong man and the ideal of literary authorship and its relationship to power as it is developed in each work. Exploration of the different historical approaches to the creation of *caudillos* in fiction. The theoretical framework of the course combines theories on power and theories on gender to

analyze fictions of power within a gender perspective.

SPN 465 Spanish Varieties in Latin America and Spain *special topic*

Examination of the different varieties of Spanish spoken in Latin America, USA and Spain, including an introduction to basic concepts of linguistics using the dialects in questions. The course is centered on the syntax of these dialects and how any variation might be explained.

THR 334-G Performance Art *new course*

This course explores the history and theory of performance art from its inception in the avant-garde movements of the early 20th century through contemporary forms of body art and multi-media forms involving live performers.

Questions addressed focus on the choices made by artists, and the forces within the culture that encourage the forms they use. The final project requires students to create a site-specific work, alone or in teams that may or may not use alternative media. This course offered as both ARH 334 and THR 334.

Prerequisites: U3 or U4 standing; one ARH, ARS, MUS, or THR course

Advisory Prerequisite: ARS/MUS/THR 208
3 credits

WRT 101 Introductory Writing Workshop: Sections with special themes

Sections 02 (Class #82851), 09 (82858), 13 (82862): Exploring Our Differences
Sections 17 (82866), 23 (82872), 27 (82876): Civil Society
Sections 18 (82867) 31 (82880): Fashioning The Self
Sections 32 (82881), 37 (82886), 42 (82891): Documentary Film as Argument
Section 50 (82899): Controversies in Art
Sections 71 (82920), 74 (82923): People and Places

WRT 102 Intermediate Writing Workshop A: Sections with special themes

Section 08 (Class # 82930): American Journeys
Sections 12 (82934), 19 (82940): Controversies in Art

WST 372:02-G Victorian Men and Women *special topic*

This course explores how ideas of what makes female human beings feminine and male human beings masculine, and how they are represented in literary history with a focus on the Victorian period, when the subject of gender and sexuality became problematized, when the idea of homosexuality as a sexual orientation was invented; middle-class women were confined and idealized; and manliness required serious training. This course is offered as both EGL 372 and WST 372.

WST 392:01-H Histories of Women and Health Care *special topic*

A survey of the medical issues facing women in the 20th century. The course provides an introduction to the historical and cultural questions surrounding women's

health and women's health care movements and explores the medicalization of women's bodies, the influence of gendered discourses on women's roles in health care delivery systems, and specific health care issues. The affect of AIDS/HIV, lung cancer, and breast cancer in women's lives are discussed.

WST 392:02-H Testimonies: Making History and Memory *special topic*

Consideration of the importance of the practice of testimony as a means of personally and politically negotiating traumatic experiences. Readings and discussion of the theories and methods of oral history and video testimony and examination of several case studies of oral histories and video testimonies. Discussion of ethical questions surrounding this sort of research. As a part of the Partners in Health and Higher Education program, this class brings high school students into the undergraduate classroom to be mentored by undergraduates and university faculty.

WST 395-J Global Feminism: Situating Feminism within Local and Global Cultures *special topic*

Exploration of the variety of feminisms that have emerged in local contexts across the globe, the ways that sisterhood has been forged through "concrete historical and political praxis," situations in which women have not been able to achieve sisterhood, and feminism in relation to transnational processes and structures, including global capitalism, migration, displacement, and the continuing effects of colonialism and war. The course challenges rigid structures of belonging that frame our concepts of nation, and considers how those structures of belonging construct the binaries of self/other and citizen/foreigner.

WST 396:01 Women, Utopia and Dystopias *special topic*

The role of women in attempts to create utopia, a place of ideal perfection. The course concentrates on a select group of real life experiments, primarily in the 19th and 20th centuries, and imaginative novels by feminist writers. The historical place of women in theory and practice in communities that practiced pantagamy (Oneida), free love (Modern Times), polygamy (Mormons), and celibacy (Shakers), are compared with communes of the 1970's and 1970's and some fictional utopias and dystopias including science fiction. For Fall 2003, this course is offered as both HIS 396:03 and WST 396:01.

WST 398:01-G Gender, Ethnicity and Capitalism in Women's Lives

Examination of the ways that late transnational finance capitalism has altered the condition of women's lives globally. Emphasis on the experiences of Asian, African, sub-continental Indian and Latin and Central American women, the course considers the ways that structural adjustment, technology/communication, and international institutions like the World Bank, International Monetary

Fund, and World Trade Organization create an internationalization and feminization of productive labor.

WST 398:02-G Italian-American and African-American Women Writers *special topic*

This course examines the cultural contributions of two literary groups in American history: Italian American and African American. Students will read the literary works of women writers and pursue a cross-cultural analysis of both groups, focusing on gender and genre. For fall 2003, this course is offered as EGL 369:01 and HUI 390:01 and WST 398:02.

WST 399-G: Queer Theory *special topic*

Exploration of the contributions of queer people of color and working class queers to the history of queer communities and political activism in America, 1880-1980. By examining the discourses of music, fiction, memoir, and film, the course theorizes "queerness" as a multi-faceted form of cultural identity, and examines the economic and ideological forces that shape sexual self-understanding in particular contexts. Theoretical material draws from feminism, historical materialism, post-structuralism, and postmodernism. Case studies include the Harlem Renaissance, European sexology, lesbian butch-femme, World War II, urban bar culture, the Stonewall riots, and transgender/transsexual interventions in queer theory.