OTHER ACADEMIC OFFERINGS

Premedical and Pre-Health Professions Studies
(Premedical, Predental, Preosteopathy, Prepodiatry, Preoptometry, etc.)

SUNY Old Westbury offers all of the courses required for admission into medical school and other schools in the health professions (dentistry, podiatry, optometry, osteopathic medicine, etc.). While there is no degree program (major) in premedical studies, the college offers a system of advisement in which students intending to pursue a career in the health professions are guided to prepare them academically and holistically to be competitive for admission into health professional schools. Guidance is also provided in the professional school application process.

Premedical students may generally major in any field including, but not limited to, the natural sciences. Regardless of the major all premedical students must complete the minimum requirements for admission, which generally are college level chemistry with laboratory (2 years), college level biology with laboratory (1 year), college level physics with laboratory (1 year), English composition (1 year) and mathematics through calculus I. Individual health professional schools may have additional requirements. Listed below are specific courses that meet the minimum requirements as well some strongly recommended courses that add strength to the premedical student’s application.

As of fall 2008, the College has a joint-degree program that allows students to earn a B.S. degree in Biological Sciences and a D.O. degree (Doctor of Osteopathic Medicine) at the New York Institute of Technology of Osteopathic Medicine (NY Institute of Technology) in 7 years of study, 3 at Old Westbury and 4 at NYITCOM. Students typically must apply to the program when they apply to the College, since the curriculum is structured and accelerated. For more information, contact Enrollment Services at (516) 876-3073 or the Biological Sciences Department at (516) 876-2750.

SUNY Old Westbury has established a solid record of successfully preparing students for admission into some of the nation’s best medical and health professional schools, and many of the college’s graduates are now practicing physicians, dentists and other health professionals. Students interested in premedical and pre-health professional studies are strongly urged to consult one of the pre-health professions advisors as soon as a decision is reached to pursue a health career. For information call one of the science department offices: Chemistry and Physics (516) 876-2743 or Biological Sciences (516) 876-2750.

I. Minimum Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP2120</td>
<td>Principles of Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CP2121</td>
<td>Principles of Chemistry Lab I</td>
<td>1</td>
</tr>
<tr>
<td>CP2130</td>
<td>Principles of Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CP2131</td>
<td>Principles of Chemistry Lab II</td>
<td>1</td>
</tr>
<tr>
<td>BS2400</td>
<td>Basic Bio Sciences I</td>
<td>4</td>
</tr>
<tr>
<td>BS2401</td>
<td>Basic Bio Sciences I Lab</td>
<td>4</td>
</tr>
<tr>
<td>BS2410</td>
<td>Basic Bio Sciences II</td>
<td>4</td>
</tr>
<tr>
<td>BS2411</td>
<td>Basic Bio Sciences II Lab</td>
<td></td>
</tr>
<tr>
<td>CP3300</td>
<td>Organic Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CP3302</td>
<td>Organic Chemistry Lab I</td>
<td>2</td>
</tr>
<tr>
<td>CP3310</td>
<td>Organic Chemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CP3312</td>
<td>Organic Chemistry Lab II</td>
<td>2</td>
</tr>
<tr>
<td>CP2220 or 2240 Physics I*</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CP2221 or 2241 Physics I Lab</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>CP2230 or 2252 Physics II*</td>
<td>3</td>
<td></td>
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<tr>
<td>CP2231 or 2251 Physics I Lab</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>MA2310</td>
<td>Calc. &amp; Anal. Geometry I</td>
<td>4</td>
</tr>
</tbody>
</table>

II. Strongly Recommended

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS2300</td>
<td>Anatomy and Physiology</td>
<td>3</td>
</tr>
<tr>
<td>BS2301</td>
<td>Anatomy and Physiology</td>
<td>1</td>
</tr>
<tr>
<td>BS2310</td>
<td>Anatomy and Physiology</td>
<td>3</td>
</tr>
<tr>
<td>BS2311</td>
<td>Anatomy and Physiology</td>
<td>1</td>
</tr>
<tr>
<td>BS3000</td>
<td>Level Courses</td>
<td>4</td>
</tr>
<tr>
<td>BS4000</td>
<td>Level Courses</td>
<td>4</td>
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<tr>
<td>CP3000</td>
<td>Level Courses</td>
<td>4</td>
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<tr>
<td>CP4000</td>
<td>Level Courses</td>
<td>4</td>
</tr>
<tr>
<td>CP4510</td>
<td>Biochemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CP4520</td>
<td>Biochemistry Lab</td>
<td>2</td>
</tr>
<tr>
<td>PY2010</td>
<td>Introduction to Psychology</td>
<td>4</td>
</tr>
<tr>
<td>SY1500</td>
<td>Introductory Sociology</td>
<td>4</td>
</tr>
</tbody>
</table>

*A minimum grade of C must be earned in all required courses.

*Consult a Science advisor.
MINORS

General Information
A minor is a cluster of related courses that the student completes in addition to his/her major. Successful completion of the minor will be noted on the student’s transcript. Minors are sponsored either by a single department or by a group of departments contributing courses to the minor. Students interested in discussing a minor with an advisor should consult with faculty in the department(s) listed as sponsors of the minor. Declaration details may be requested at DECMAJR@oldwestbury.edu.

All minors require a minimum of five courses and 18 credits. A minimum of 16 credits in the minor must be taken outside the student’s major. Up to two courses in a minor may be transferred from another institution.

Completion of a minor requires a 2.0 cumulative grade point average in courses applied to the minor. No D grades may be applied toward a minor.

Following is a list of available minors, with descriptions and specific requirements for each:

<table>
<thead>
<tr>
<th>Accounting</th>
<th>Hispanic Cultural Studies</th>
<th>Pre-Law Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>African American Studies</td>
<td>Industrial and Labor Relations</td>
<td>Psychology</td>
</tr>
<tr>
<td>Computer and Information</td>
<td>Islamic Studies</td>
<td>Public Policy</td>
</tr>
<tr>
<td>Sciences</td>
<td>Marketing</td>
<td>Social Work</td>
</tr>
<tr>
<td>Environmental Studies</td>
<td>Mathematics</td>
<td>Spanish</td>
</tr>
<tr>
<td>French Studies</td>
<td>Media and Communications</td>
<td>Visual Arts</td>
</tr>
<tr>
<td>General Business</td>
<td>Media Design</td>
<td>Women’s Studies</td>
</tr>
<tr>
<td>Global Studies</td>
<td>Multicultural US/British Literature</td>
<td></td>
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</tbody>
</table>

ACCOUNTING MINOR
Sponsoring department: Accounting

After graduation every student will interact with a multitude of organizations over his or her lifetime. Every organization, whether business, government or nonprofit, utilizes accounting (“The Language of Business”) to communicate its actions to both internal and external parties. Accordingly, a basic understanding of accounting is essential for developing a clear comprehension of developments in our increasingly complex society.

A minor in Accounting affords students an opportunity to obtain a basic understanding of the language organizations use to communicate. It also provides supplemental business skills which the student can offer in the marketplace and broadens career opportunities, as well as provides a foundation for students planning to earn graduate business degrees.

Requirements:
All students are required to complete a minimum of 26 credits. A minimum of 20 credits must be taken outside the student’s major. Up to two courses in the minor may be transferred from another institution. The choice within the elective courses affords a student the opportunity to select an area of emphasis within accounting in which he or she has greater interest, if so desired.

Please Note: Most accounting courses must be taken in a pre-assigned sequence. Therefore, students interested in earning an Accounting minor should see the School of Business advisor as early as possible so as to allow for timely enrollment in prerequisite courses.

A. Core Courses: five courses
- BU3502 Principles of Accounting I
- BU3511 Principles of Accounting II
- BU4500 Intermediate Accounting I
- BU4510 Intermediate Accounting II
- BU4570 Federal Income Tax I

B. Elective Courses: select one of the following options and take 8 credits in that option

<table>
<thead>
<tr>
<th>Option I - Internal Reporting Emphasis</th>
<th>Option II - Public Company Emphasis</th>
</tr>
</thead>
<tbody>
<tr>
<td>BU4590 Cost Accounting</td>
<td>BU5525 Fundamentals of International Accounting (2 cr.)</td>
</tr>
<tr>
<td>BU5505 Essentials of Government and Nonprofit Accounting (2 cr.)</td>
<td></td>
</tr>
<tr>
<td>BU5555 Foundations of Accounting Information Systems (2 cr.)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Option III - General Accounting Emphasis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Choose any 8 credits from Options I or II.</td>
</tr>
</tbody>
</table>
AFRICAN AMERICAN STUDIES MINOR

Sponsoring Departments: American Studies, English, History and Philosophy, Psychology and Sociology

The minor in African American Studies critically engages students in the historical, cultural and political aspects of African American life in the United States, as well as examines the African American community in terms of Blacks in the Diaspora, and their origins in Africa-their historic homeland. The interdisciplinary minor exposes students to the literature, philosophy, culture, media, and history of African Americans in the United States and Africa. A primary purpose of this minor is to prepare students for graduate and professional careers in community service, education, government, law and private industry, as well as raise consciousness and broaden horizons about achievement and oppression.

The minor requires a total of five courses (20 credits), four of which must be taken outside the student’s major courses. Two courses may be transferred from another college. Only two 2000-level courses or below are accepted toward the minor. No D grades will be counted toward the minor.

A foundation course will provide students with the pivotal underpinnings in this multi-disciplinary area of study. Additional courses will be taken from the following areas:

A. History
B. Culture/Social Institutions
C. Literature

Requirements:

The minor requires a total of five courses (20 credits) distributed as follows:

A. Foundation Course (4 credits)

AS1282 Introduction to African-American Studies

B. Elective Courses (16 credits) At least one from each area:

1. History
   - AS2262 African American History I
   - AS2263 African American History II
   - AS3270 Africa in the Americas
   - AS3412 African American Women’s History
   - H13640 African History
   - H14650 The History of African Enslavement

2. Cultural/Social Institutions
   - AS3812 African Americans and the Mass Media
   - AS4715 African American Thought and Culture
   - HI3091 African Cultures

3. Literature
   - HI3610 America’s African Heritage
   - HI3704 African Philosophy and Religion
   - HI3907 African Film
   - PY4730 African American Family Dynamics
   - SY3900 Social Movements


COMPUTER & INFORMATION SCIENCE MINOR

Sponsoring department: Mathematics/CIS

- The Computer & Information Science minor requires a minimum of five courses (20 credits).
- A minimum of 16 credits must be taken outside the student’s major requirement.
- Up to two courses may be transferred from other institutions.
- Completion of the CIS minor requires a grade of C or higher in all required courses for the minor.

Students must complete 20 credits as follows:

All of the following four Courses (16 Credits)

- CS2510 Computer Programming I 4
- CS2511 Computer Programming II 4
- CS3810 Data Structures & Algorithms 4
- CS4501 Software Engineering 4

Elective: One Upper Division Computer Science Course (4 Credits)

Take one 4000 or 5000 level computer science course (excluding CS4100 Technical Communications): CS4xxx Or CS5xxx. Please note that the above CS courses require mathematics prerequisites, including MA2090 and MA3030. Also note that where MA2090 is listed as a prerequisite, MA2080 is allowed as a substitute. Where MA2310 is listed as a prerequisite, MA2300 can be substituted.
DIGITAL DESIGN MARKETING MINOR

Sponsoring departments: Visual Arts Department and the Department of Management, Marketing and Finance

The Digital Design Marketing minor is an interdisciplinary offering that empowers students from all disciplines with the knowledge they need to attain employment in today's highly competitive, digitally-driven business environments. The goal of the curriculum is to provide the technological skills of interactive web and digital media with the marketing acumen to competently deliver optimal provider outcomes with cutting edge expertise and elegance. Students will learn how to develop successful marketing plans and design effective visual communications that engage the conception, pricing, distribution and promotion of well-conceived brands with unique identities. In conjunction with an academic foundation in marketing skills and graphic design, students learn to use Adobe Creative Suite software: InDesign, Photoshop, Illustrator, Dreamweaver, Flash and ePub, applied to designing page layout, logos, and typography for packaging, poster, book, e-book, environmental designs and mobile applications. The overall objective is to provide experiential know-how for the graduate to compete as an entrepreneur, marketer or employee empowered with today's latest skills and abilities.

Requirements:
The minor requires a total of five courses and a minimum of 18 credits distributed as follows:

A. Foundation Courses: two courses - required
   School of Business
   BU 3800 – Marketing Principles

   Visual Arts
   VA 2320 – Graphic Design I

B. Electives: choose the remaining 3 courses from the following course list.
   BU 4800 – Marketing Research
   BU 4851 – Consumer Behavior
   BU 5880 – Brand Theory & Strategy

   VA 3400 – Digital Imaging
   VA 4260 – Interactive Web Design
   VA 4320 – Graphic Design II

All students must have at least 2 courses in Marketing and 2 in Visual Arts except for Marketing or Visual Arts majors who must satisfy all minor electives in the alternate discipline.

ENTERTAINMENT AND SPORTS MANAGEMENT MINOR

Sponsoring department: Professional Studies

New York is a hub of the Entertainment Industry and the home of a wide variety of professional, semi-professional, and organized amateur Sports organizations. The minor in Entertainment and Sports Management is designed to give students knowledge and skills to help them enter and succeed in the business activities of these enterprises.

Requirements
Students are required to take 20 credits by completing the five following courses.

A. Foundational Courses (12 credits)
   PS 4420          Entertainment and Sports Management
   PS 4430          Entertainment and Sports Marketing
   PS 4440          Entertainment and Sports Media

B. Advanced Courses (8 credits)
   PS 5425          Entertainment and Sports Law
   PS 5435          Entertainment and Sports Finance
ENVIRONMENTAL STUDIES MINOR

Sponsoring departments: American Studies; Biological Sciences; Chemistry/Physics; Politics, Economics and Law; Psychology and Sociology

Students interested in environmental issues may enhance their knowledge of the interaction of humans with their environment by minoring in Environmental Studies. This interdisciplinary course of studies exposes the student to both environmental sciences as practiced in biology and chemistry, as well as policy issues, which are explored from a social science perspective. Students who are majoring in the natural sciences may wish to pursue this minor in preparation for a career in environmental research. Students in the Social Sciences and Humanities may want to broaden their knowledge of environmental issues in preparation for a career involving environmental policy or law. Direct participation in environmental agencies and organizations on Long Island or independent laboratory research on an environmental problem is an important aspect of this minor.

Requirements

Students minoring in Environmental Studies are required to complete five courses (20 credits), distributed as follows:

A. Required Courses (8 credits)

1. BS2490 Environmental Science or BS4470 Ecology
2. BS4680 Environmental Health

B. An independent study taken under the auspices of one of the following (4 credits)

- AS4832 Internship in Journalism
- BS5591 Environmental Research
- CP5900 Research
- PH4900 Health and Society Field Placement
- PE5999 Internship
- PY5510 Advanced Issues in Social Psychology
- SY5990 Senior Seminar (requires approval from the Sociology Department)

C. Elective Courses: at least two additional courses chosen from the following list (8 credits)

- AS4200 Environmental Journalism
- BS2490 Environmental Science
- BS3450 Plant Biology

FS 4100 Comparative Genomics Lecture
FS 4310 Comparative Genomics Lab
FS 3710 Environmental Physiology
FS 4470 Ecology
FS 4472 Microbial Ecology
FS 4491 Human Ecology
FS 4651 Toxicology
CP 2000/2001 Chemistry for Non-Majors with Lab
CP 2300/2301 Weather Studies with Lab
CP 2400/2401 Ocean Studies with Lab
CP 2500/2501 Climate Studies with Lab
CP 2600 Environmental Analysis of Long Island
HS 4800 Epidemiology
HS 4890 Environmental Policy and Politics
PE 3720 Long Island Economy, Environment and Society
PY 3520 Environmental Psychology

FRENCH STUDIES MINOR

Sponsoring departments: Modern Languages

The French Minor consists of 20 credits. Up to two courses might be transferred from another institution. Students must take (a) a sequence of three French language courses; (b) one French Culture course offered by the ML Department in English; and (c) a fifth course, either (1) a further French language course, or (2) a course in English in either Literature or Film. The objectives of this minor are to help students acquire a solid foundation in the language, to strengthen their communication skills, and to offer them a broad introduction to French and Francophone culture.

Requirements

Students minoring in French Studies are required to complete five courses (20 credits) as follows:

A. Three Conversation and Grammar Courses (12 credits):

- ML1000 Basic French I
- ML1010 Basic French II
- ML2000 Intermediate French I
- AND -

B. One Survey Course in English (4 credits):

- ML3800 Modern French Culture: France and the Francophone World
- AND -

C. One additional course, either:

1) One additional French Language course (4 credits)

- ML2010 Intermediate French II
- OR -

2) One Literature or Film course in English (4 credits).

- HI3907 African Film
- ML4645/EL4640 French Literature
- EL4405 Caribbean Literature

FS 3530 Comparative Genomics Lecture
FS 3531 Comparative Genomics Lab
FS 3710 Environmental Physiology
FS 4470 Ecology
FS 4472 Microbial Ecology
FS 4491 Human Ecology
FS 4651 Toxicology
CP 2000/2001 Chemistry for Non-Majors with Lab
CP 2300/2301 Weather Studies with Lab
CP 2400/2401 Ocean Studies with Lab
CP 2500/2501 Climate Studies with Lab
CP 2600 Environmental Analysis of Long Island
HS 4800 Epidemiology
HS 4890 Environmental Policy and Politics
PE 3720 Long Island Economy, Environment and Society
PY 3520 Environmental Psychology
**GENERAL BUSINESS MINOR**

**Sponsoring department: Management, Marketing and Finance**

All students find themselves working in or interfacing with profit and not-for-profit organizations throughout their lives. It is important for students to understand the basics of how such organizations function in order to better navigate both their careers and daily living. This minor provides students with an understanding of the fundamentals of business.

A minor in General Business provides students with a basic understanding of the four functions of management, the principles of marketing, basic accounting, financial standards, and the role of business in society. It provides business skills that will help students in any major in their careers as well as provide a foundation to go on to advanced studies.

**Requirements**

All students are required to complete five (5) courses with a minimum of 18 credits. Four (4) of the five (5) courses are required and the fifth can be chosen from a selection of four (4) courses which represent the various business disciplines.

**A. Required Courses: four courses:**

- BU3010 Information Systems for Managers
- BU3502 Principles of Accounting I
- BU3800 Principles of Marketing
- BU4110 Organizational Behavior & Management

**B. Elective Course: one of the following:**

- BU4035 Web Systems and Electronic Commerce
- BU5125 Business Ethics
- BU4851 Consumer Behavior

**GLOBAL STUDIES MINOR**

**Sponsoring departments: English, History and Philosophy, Modern Languages, Politics, Economics & Law and Sociology**

The Global Studies minor offers a transnational perspective that has become critical for college students regardless of their major and career goals. It contains two options. The first option brings together the international and regional courses offered in English (EL), History and Philosophy (HI) and Politics, Economics and Law (PEL). History and Philosophy contribute courses in history and culture (a cross-cultural course from Sociology is also included), English contributes the literature courses, and Politics, Economics and Law the courses in politics, international relations, economics, political economy, and economic history. The second option incorporates foreign language courses from Modern Languages (ML). Teacher Education candidates for New York State secondary school certification will find this minor helpful.

**Requirements**

Students minoring in Global Studies are required to complete five courses (20 credits), distributed as follows:

**Option 1:**

**A. Foundation Courses: one course (4 credits)**

- HI4001 Nineteenth Century
- HI4011 Twentieth Century
- PE3100 International Relations
- PE4580 Origins of the Capitalist Economy

**B. Elective Courses: four courses (16 credits) - at least one must be taken in each category:**

1. **International Courses (at least one)**

   - HI3040 Analysis of Culture
   - HI3600 Global Geography: People, Places and Environments
   - HI4600 World Cultural Geography
   - PE3100 International Relations
   - PE3240 Inter-American Relations and Immigration
   - PE3400 Political Economy of the Third World
   - PE3440 International Economics
   - PE3450 Women from a Global Perspective
   - PE3600 Global Geography: People, Places and Environments

   **PE4100 International Organizations in the Global Economy**
   **PE4150 Terrorism and Politics**
   **PE4590 Global Economy in the 20th Century**
   **PE4665 Human Rights**
   **SY4500 Global Sociology**

2. **Regional Courses (at least one)**

   - EL3700 Survey of World Literature
   - EL3865 Literatures of Asia and the Middle East
   - EL3870 Literatures of Africa
   - EL3880 Masterpieces of Hispanic Literature
   - EL4405 Caribbean Literature
   - EL4600 Literature of India
   - EL4630 Latin American Literature
   - EL4640 French Literature
   - EL4650 Literature of Russia and Eastern Europe
   - HI3080 Asian Cultures
   - HI3091 African Cultures
   - HI3102 Hispanic Heritage
   - HI3110 Latin American Culture
HI3640 African History
HI3692 Modern Asian History
HI3700 Historical Geography of Latin America
HI3704 African Religions and Philosophy
HI3835 Islamic Cultures
HI4308 Islam and the Modern World
HI4632 Japanese History Through Literature
HI4800 History of India
HI4905 Chinese Civilization
PE4660 Politics of South Asia
PE4690 Politics of Latin America and the Caribbean

Option 2:
A. Prerequisite: two courses in a foreign language (Liberal Education Curriculum)
B. Two additional foreign language courses (8 credits)
C. Three courses from the curriculum in Option 1 (12 credits):
   one foundation course
   one international course
   one regional course (conforming to the foreign language studied)

Recommendations
Foreign language: It is highly recommended that students choosing Option 1 complete the foreign language domain in their Liberal Education Curriculum program if they currently have no knowledge of a foreign language.
Economics: Students who are not already taking courses in principles of economics for their major should consider taking PE2420 Principles of Microeconomics and PE2430 Principles of Macroeconomics as general electives.

HISPANIC CULTURAL STUDIES MINOR
In the Hispanic Cultural Studies Minor, students will be exposed to a diversity of topics related to Spanish and Latin American cultures. Students will be able to complete the program in Spanish or in English. Students in both options will be required to take a platform course on theory of Hispanism and Hispanic Cultural Studies to be offered in English and a language course. Students can opt to complete the Minor with courses offered in Latin America or in Spain. This Minor is an excellent option for students completing majors in education, sociology, psychology, business, as they are likely to interact with Hispanic communities in the U.S. and abroad. Students will be allowed to take up to 2 courses from other departments, with permission from a Modern Languages faculty member. Only one course in either Option can be applied towards the student’s major. 20 Credits.

Minor in Hispanic and Latin American Studies. 20 Credits
Platform course: ML2550: Introduction to Hispanism and Hispanic Culture. Includes an internship in a community based Hispanic organization. Required for Both Options. Offered in English.

Option 1: Courses from the following list taught in Spanish
ML3100 Advanced Spanish Conversation and Composition

OR
ML3362 Advanced Spanish Grammar and Composition

and 3 courses from the following list:
ML4545 Civilization and Culture of Latin America
ML4350 Recurrent themes in Latin American Painting and Literature
ML4510 Civilization and Culture of Spain
ML4520 Culture and Literature of Spanish Caribbean
ML4750 Fiction into Film
ML3300 Artistic Expressions of Spain (Study Abroad)
ML3310 Hispanic Cultural Topics (topics will vary) TBD

Option 2: Courses from the following list taught in English.
ONE Language course at the 1000, 2000, 3000 or 4000 level upon advisement from ML faculty and 3 courses from the following list:
ML3410 Latino/a Writers in the United States
ML3650 Cinema of Latin America and the Iberian Peninsula
ML4630/EL4630 Latin American Literature
HI3302 Hispanic Heritage
HI3110 Latin American Culture
PE2240 Introduction to Latin American Studies
PE4690 Politics of Latin America and the Caribbean
PE3640 History of Culture of Latin/Community in the U.S.
ML3300 Artistic Expressions of Spain (Study Abroad)
INDUSTRIAL AND LABOR RELATIONS MINOR

Sponsoring departments: Politics, Economics and Society and Sociology

The Industrial and Labor Relations minor aims to assist students in advancing careers in this area, whether in the private or public sector. Its required courses include Unions and Management; Unions and Public Policy; and Collective Bargaining. There is a wide range of elective courses on topics such as arbitration and mediation; the history of American labor relations; women, minorities and work; and labor and employment law.

All students are required to complete five courses or 20 credits. No more than one course may be transferred from another institution. All courses listed below are four credits.

A. Required Courses: three courses (12 credits)
   - IR2210 Unions and Management: An Introduction
   - IR3140 Unions and Public Policy
   - IR3300 Collective Bargaining & Grievance Procedures

B. Elective Courses: two courses (8 credits)
   - HS4770 Occupational Health
   - IR3120 History of American Labor Relations
   - IR3260 Comparative Labor Relations
   - IR3330 Women, Minorities and the Workplace
   - IR3415 Labor Economics
   - IR3500 Arbitration and Mediation
   - IR3860 Development of the Modern Corporation
   - IR4320 Labor and Employment Law
   - SY3910 Sociology of Work

Industrial and Labor Relations course descriptions are found on page 187-188.

ISLAMIC STUDIES MINOR

Sponsoring department: History and Philosophy

The Islamic Studies minor allows students to develop an interdisciplinary understanding of Islam as a faith and as a force in world history and in societies today. The curriculum is designed to foster insight into Islam in the context of other world religions and societies. The minor requires five courses:

1. HI 3835 Islamic Cultures
2. ONE from the following:
   - HI 1010 World Religions--West
   - HI 1020 World Religions--East
   - HI 2511 World History I--Non-Western World
3. ONE from the following:
   - ML 1300 Basic Arabic Language I
     OR
   - HI 4318 Islamic Philosophy and Mysticism
4. TWO from the following:
   - HI 3704 African Religions and Philosophy
   - HI 3840 Crescent and Cross
   - HI 4305 Islam and the Quran
   - HI 4308 Islam in the Modern World
   - HI 4306 Golden Age of Islam
   - PE 4200 Middle Eastern Politics
MINOR IN ITALIAN

ITALIAN CULTURAL STUDIES MINOR

Sponsoring department: Modern Languages

The Italian Cultural Studies Minor consists of 20 credits. Up to two courses may be transferred from another institution. Students must complete (a) two Basic Italian Language Courses; (b) two Cultural Studies Courses offered by the ML Department in English; including ML3150, ML3450; (c) and a fifth course, either (1) a further Italian language course; or (2) by approval from the instructor, a course in History or Literature including EL3560 and HI4557 in which the contributions of the Italian Renaissance are emphasized; (c) a summer abroad course, or (d) a COIL course which supports international collaboration with an Italian institution. The objectives of this minor are to help students acquire a solid foundation in the language, to strengthen their communication skills, and to offer them a broad introduction to Italian culture.

Requirements:

Students minoring in Italian Cultural Studies are required to complete five courses (20 credits) as follows:

A. Two Conversation and Grammar Courses (8 credits):
   ML1400 Basic Italian I
   ML1410 Basic Italian 2
   AND

B. Two Culture/Film Courses taught in English
   ML3150 Modern Italian Civilization (GE 3) 4
   ML3450 Italian Cinema from Neo-Realism to Present (GE H) 4
   (Formerly GE2B Creativity and the Arts)

C. One additional course, either:

A. Sumer Abroad Rome (with Stony Brook University
   or OW program TBA)

B. Or, ONE of the following with advisement:
   ML2400 Intermediate Italian 1 (With course approval) (GE6)
   HI4557 Renaissance and Reformation in Europe
   EL3560 Literatures of Europe, Pt. 1 Old Testament and Home
   to the Renaissance (GE H)

C. COIL COURSES: BU4120 Global Business (Emphasis on Italy/EU)
   or other courses by advisement.

Sub-Total (II. A-b-c)

MARKETING MINOR

Sponsoring department: Management, Marketing and Finance

The minor in Marketing is designed to provide a concentration for students with a nominal background in business. The minor may be valuable for liberal arts majors, such as media and communications majors, to gain a competitive edge in their careers. The requirements and prerequisites make it a feasible option for many students who seek in-depth knowledge of marketing’s role in the success and survival of all organizations, including businesses and non-profit organizations.

Key environmental factors are analyzed which influence organizations in a global marketplace. Students will learn how to develop effective domestic and global marketing strategies for products/services, distribution, pricing and promotion. (Promotion includes advertising, selling, sales promotion, direct marketing and public relations). The significant impact of the internet, new technologies and ethical issues on marketing strategies are also addressed from domestic and global perspectives.

Requirements

The minor requires a total of five courses, distributed as follows:

A. Foundation Courses: four courses
   BU3800 Marketing Principles
   BU4851 Consumer Behavior
   BU4820 International Marketing
   BU5880 Brand Theory and Strategy

B. Elective Courses: one of the following
   BU5841 Strategic Marketing
   BU5891 Marketing Seminar
MATHEMATICS MINOR
Sponsoring department: Mathematics/CIS
The minor in Mathematics is available for those students who want their formal college records to emphasize a serious amount of upper-division work in mathematics.

- The mathematics minor requires a minimum of six courses and 24 credits.
- A minimum of 16 credits must be taken outside the student's major requirement.
- Up to two courses may be transferred from other institutions.
- Completion of the Mathematics minor requires a grade of C or higher in all required courses for the minor.

Students must complete 24 credits as follows:

A. Required Mathematics Courses:

All of the following four courses (16 credits)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA2310</td>
<td>Calculus &amp; Analytic Geometry I</td>
<td>4 cr</td>
</tr>
<tr>
<td>MA2320</td>
<td>Calculus &amp; Analytic Geometry II</td>
<td>4 cr</td>
</tr>
<tr>
<td>MA3030</td>
<td>Discrete Mathematics</td>
<td>4 cr</td>
</tr>
<tr>
<td>MA3160</td>
<td>Linear Algebra</td>
<td>4 cr</td>
</tr>
</tbody>
</table>

B. Required Elective Courses: Two courses from the following (8 credits)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA3210</td>
<td>Intro. to Probability &amp; Statistics</td>
<td>4 cr</td>
</tr>
<tr>
<td>MA3330</td>
<td>Calculus and Analytic Geometry III</td>
<td>4 cr</td>
</tr>
<tr>
<td>MA3520</td>
<td>Transition to Advanced Mathematics</td>
<td>4 cr</td>
</tr>
<tr>
<td>MA4100</td>
<td>Number Theory</td>
<td>4 cr</td>
</tr>
<tr>
<td>MA4510</td>
<td>Geometry</td>
<td>4 cr</td>
</tr>
</tbody>
</table>

APPLIED MATHEMATICS MINOR
Sponsoring department: Mathematics/CIS
The minor in Applied Mathematics is designed for those students who want to strengthen their skills in essential areas of quantitative reasoning, critical thinking, and problem solving across a range of disciplines. This minor is especially relevant to students majoring in the natural or social sciences, or in the School of Business, who intend to pursue advanced study or careers in areas that require strong analytical skills. (Examples of such professional areas would include actuarial science, biostatistics, business administration, decision science, finance, management science, operations research, natural resources and sustainability.) Students will explore the use of mathematical models to analyze and solve real-life problems and systems. Applied mathematics provides valuable tools for improved decision making, and for enhanced understanding of uncertainty and complexity in the world.

- The Applied Mathematics minor requires a minimum of six courses and 24 credits.
- A minimum of 16 credits must be taken outside the student's major requirement.
- Up to two courses may be transferred from other institutions.
- Completion of the Applied Mathematics minor requires a grade of C or higher in all required courses for the minor.

Students must complete 24 credits as follows:

A. Required Mathematics Courses: All of the following four courses (16 credits)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA2310</td>
<td>Calculus &amp; Analytic Geometry I</td>
<td>4 cr</td>
</tr>
<tr>
<td>MA2300</td>
<td>Calculus for Business &amp; Economics</td>
<td>4 cr</td>
</tr>
<tr>
<td>MA3160</td>
<td>Linear Algebra</td>
<td>4 cr</td>
</tr>
<tr>
<td>MA3210</td>
<td>Intro to Probability &amp; Statistics</td>
<td>4 cr</td>
</tr>
<tr>
<td>MA4910</td>
<td>Operations Research I</td>
<td>4 cr</td>
</tr>
</tbody>
</table>

B. Required Elective Courses: Two courses from the following (8 credits)

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA2320</td>
<td>Calculus &amp; Analytic Geometry II</td>
<td>4 cr</td>
</tr>
<tr>
<td>MA4300</td>
<td>Numerical Analysis</td>
<td>4 cr</td>
</tr>
<tr>
<td>MA4360</td>
<td>Differential Equations</td>
<td>4 cr</td>
</tr>
<tr>
<td>MA4920</td>
<td>Operations Research II</td>
<td>4 cr</td>
</tr>
<tr>
<td>MA5230</td>
<td>Mathematical Statistics</td>
<td>4 cr</td>
</tr>
</tbody>
</table>
**MEDIA AND COMMUNICATIONS MINOR**

**Sponsoring departments:** American Studies and Sociology

The media play a role in every aspect of life. Our economy, our politics, our culture, and even our personal identities are formed in media consumption and production. Media analysis is a critical tool in understanding and functioning in contemporary society. “Media literacy” has become a basic educational need. A minor in Media and Communications can be a valuable credential for students majoring in or considering a career in government, politics, business, media, advertising, marketing, public relations or education.

The minor consists of 20 credits:

A. **Foundation Course (required)**
   - AS2802 Introduction to Journalism and Media

B. **Media Studies Courses (two courses required)**
   - AS2652 Media Studies
   - AS2700 The Engaged Eye
   - AS3310 Citizen to Consumer
   - AS3492 Women and the Media
   - AS3632 History of U.S. Film
   - AS3712 American Film Genres
   - AS3722 History of Mass Media
   - AS3732 Politics of Media
   - AS3735 Documentary Media Studies
   - AS3742 Myths & Images in Film
   - AS3745 Feminine & Masculine in Film
   - AS3810 Music and Media
   - AS3842 African-Americans in the Mass Media
   - AS3852 Women and the Media
   - AS4160 Special Topics in Media Studies
   - AS4280 Global Media
   - AS4722 Film: Ideas and Aesthetics
   - AS4725 The Photograph and American Culture
   - AS4732 Political Film
   - AS4802 Investigative Reporting
   - AS4850 Digital Revolution
   - CR3200 Crime, Media and Culture
   - SY4651 Sociology of Communications and Media

C. **Production Courses (two courses required)**
   Select two production courses from the offerings in print journalism, video, radio, television, or new media listed on page 87.

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**MEDIA DESIGN MINOR**

**Sponsoring departments:** American Studies and Visual Arts

**Requirements**

20 credits, distributed as follows:

A. **Theory Courses: two courses (8 credits)**
   - AS3632 History of U.S. Film
   - AS3712 American Film Genres
   - AS3722 History of Mass Media
   - AS3732 Politics of Media
   - AS3735 Documentary Media Studies
   - AS3742 Myths and Images in Film
   - AS3745 Feminine & Masculine in Film
   - AS4722 Film: Ideas and Aesthetics
   - AS4725 The Photograph and American Culture
   - AS5420 Propaganda and Mass Persuasion
   - AS5712 Mass Media and Popular Culture

B. **Hands-on Courses: three courses (12 credits)**
   - AS3247 Video Production
   - AS3842 African-Americans in the Mass Media
   - AS4260 New Media Newsroom
   - AS4802 Investigative Reporting
   - AS4850 Digital Revolution
   - AS9990 Independent Study
   - VA2320 Graphic Design I
   - VA2400 Introduction to Photography I
   - VA3380 Digital Video
   - VA3400 Digital Imaging
   - VA4242 Print Design
   - VA4260 Interactive Web Design
   - VA4265 3D Digital Design
   - VA9990 Independent Study
MULTICULTURAL U.S./BRITISH LITERATURE MINOR

Sponsoring Department: English
The Multicultural U.S./British Literature minor includes texts from the U.S. and U.K. by writers of different ethnicities, genders, sexualities, classes, and ability/disability status. It focuses on the complexity of two countries in which people of many different cultures cohabit. It provides grounding in recent debates in literary study and features intensive work in effective writing and expression. Majors in Media and Communication, Business programs, and other areas will benefit from this minor, which improves communication skills that are fundamental to teaching, writing, and speaking.

Program of Study
The minor requires five courses (20 credits) drawn from the first four tiers of the English degree (Multicultural U.S./British Literature Concentration) culminating with Major Authors, an in-depth look at the life and work of one or more authors.

Requirements
(Select one from each group)

A. Linguistic Foundations (4 credits)
   EL3010 Structure and Grammar of English

B. Literary Analysis (4 credits)
   EL3500 Literature Across Cultures I: Analysis and Interpretation
   EL3510 Literature Across Cultures II: Theory
   EL4400 Critical Theory

C. Literary Traditions (4 credits)
   EL3600 U.S. Literature I: Colonial Period to Civil War
   EL3610 U.S. Literature II: Civil War to Present
   EL3800 English Literature I: Beowulf to 18th Century, inclusive of Shakespeare
   EL3810 English Literature II: Romantics to Present
   EL3950 Creative Non-Fiction
   EL4200 Biblical-Classical Foundations of Multicultural Literature
   EL4300 20th-Century Literature: Colonialism and Postcolonialism
   EL4325 Shakespeare: Selected Plays
   EL4402 Sin and Sexuality in Literature
   EL4500 Topics in British/U.S. Literature
   EL4510 Modern Drama and Theater

D. Perspectives on Literature (4 credits-choose ONE course from any group)
   British/U.S. Literature
   EL4030 Women and Narrative
   EL4050 Lesbian and Gay Literature
   EL4060 Literature of Class and Class Consciousness
   EL4070 Extraordinary Bodies: Disabilities in Literature
   U.S. Literature
   ML3410 Latino Writers in the US
   EL4000 Native American Literature
   EL4010 Harlem Renaissance
   EL4015 Multi-Ethnic Literatures of the United States
   EL4020 Asian American Literature
   EL4040 Black Woman Writers
   EL4070 Topics in African American Literature
   EL4090 African American Novel
   EL4091 African American Poetry and Plays
   EL4405 Caribbean Literature
   British Literature
   EL4550 Modern English Literature 1890-1960
   EL4560 Multicultural British Literature Since 1960

E. Major Literary Figures (4 credits)
   EL4800 Major Authors

PHILOSOPHY AND RELIGION MINOR

Sponsoring Department: History and Philosophy
This minor enables students to undertake a coherent program of study in Philosophy and Religion as a supplement to their major field of study at the College. All students must take one introductory course in an aspect of Philosophy and one in Religion, and then choose three additional courses in one of the three tracks set out below.

Requirements
The minor requires at least five courses (20 credits), distributed as follows:

Core Courses 
Choose one course from each of the following two groups:
PRE-LAW STUDIES MINOR

Sponsoring Departments:  American Studies; History and Philosophy; Politics, Economics and Law; and Sociology.

Pre-Law Committee: Laura Anker (American Studies), Maureen Feder-Marcus (History and Philosophy), Carolyn Cocca (Politics, Economics and Law).

Law schools maintain that there is no particular undergraduate major that will best prepare students for admission to the study of the law. In accepting applicants, all use LSAT scores, GPA’s, reference letters, personal written statements, and various indicators of applicants’ interest in and suitability for entry into the profession. However, schools have identified the requisite skills for success in the completion of a law degree. They include analytical and problem-solving skills; the ability to reason, to construct a logical argument, and to present that cogently orally and in writing. A strong liberal arts education is crucial in developing these abilities.

Four liberal arts programs at Old Westbury have traditionally graduated students who have gone on to law school and legal careers. They are American Studies (AS); History and Philosophy (HI); Politics, Economics and Society (PES); and Sociology (SY). In addition to providing students the opportunity to achieve the necessary competencies, these programs offer a range of courses which contribute to a knowledge base that is pertinent to law studies. In the past, majors in each of these programs have been advised to broaden their liberal arts preparation for law school by taking specific electives in the others. Faculty in the four programs have now instituted a pre-law committee to coordinate and formalize their recommendations to aspiring law students. The committee has arranged the recommended courses in a 20-credit pre-law minor.

The curriculum of the minor pulls together courses in the liberal arts disciplines of economics, history, philosophy, political economy, political science and sociology. Excluded are courses on specific areas of the law that are required or recommended for majors in the career-oriented programs of Business and Management, Health and Society, Industrial and Labor Relations, and Media and Communications. These law courses, however, may be of interest to students with specific career goals and are listed at the end of the pre-law curriculum to apprise pre-law minors of their availability.
Majors and Minors:
The Pre-Law minor is open to all academic majors who are interested in applying to law school. Since only one course in a student’s major can be used to satisfy the requirements of a minor, AS, HI, PEL, and SY majors opting for the pre-law minor must choose courses offered by programs other than their own. Majors in all other academic programs may choose courses within the various categories identified in the curriculum below.

Pre-Law Curriculum:
Liberal Education Curriculum: Choose one 2000-level course in the Liberal Education Curriculum Program that is a prerequisite to the minor. Choose from:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HI2700</td>
<td>Introduction to Logic</td>
</tr>
<tr>
<td>OR</td>
<td>PE2300 Introduction to Law</td>
</tr>
</tbody>
</table>

In choosing courses to fulfill their Liberal Education Curriculum requirements, pre-law students are also advised to consider the following which provide useful background information and skills:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS2112</td>
<td>American People I</td>
</tr>
<tr>
<td>AS2122</td>
<td>American People II</td>
</tr>
<tr>
<td>AS3462</td>
<td>History of Women in the U.S.</td>
</tr>
<tr>
<td>HI2681</td>
<td>Introduction to European History</td>
</tr>
<tr>
<td>HI2720</td>
<td>Introduction to Philosophy</td>
</tr>
<tr>
<td>HI4001</td>
<td>Nineteenth Century</td>
</tr>
<tr>
<td>HI4011</td>
<td>Twentieth Century</td>
</tr>
<tr>
<td>PE2650</td>
<td>Introduction to U.S. Politics</td>
</tr>
<tr>
<td>PE4580</td>
<td>Origins of the Capitalist Economy</td>
</tr>
</tbody>
</table>

Requirements
Students must complete 5 courses or 20 credits as follows:

A. Theory: two courses (8 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS4215</td>
<td>Critical Ideas in American History</td>
</tr>
<tr>
<td>AS5202</td>
<td>American Social and Political Visions</td>
</tr>
<tr>
<td>HI3703</td>
<td>Modern Philosophy</td>
</tr>
<tr>
<td>PE4325</td>
<td>Jurisprudence: Legal Thought</td>
</tr>
<tr>
<td>PE4470</td>
<td>History of Economic Thought</td>
</tr>
<tr>
<td>PE4620</td>
<td>Political and Social Thought</td>
</tr>
<tr>
<td>SY4530</td>
<td>Sociological Theory I</td>
</tr>
</tbody>
</table>

B. Issues and Institutions: two courses (8 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS4222</td>
<td>The Gilded Age and the Progressive Era</td>
</tr>
<tr>
<td>AS4252</td>
<td>Immigrants, Migrants, and Americanization</td>
</tr>
<tr>
<td>CR4099</td>
<td>Sociology of Violence</td>
</tr>
<tr>
<td>HI3752</td>
<td>Ethics</td>
</tr>
</tbody>
</table>

C. Constitutional Law, Civil Rights, and the Judicial Process: one course (4 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE3410</td>
<td>Contemporary U.S. Political Economy</td>
</tr>
<tr>
<td>PE4650</td>
<td>Topics in U.S. Politics</td>
</tr>
<tr>
<td>SY2550</td>
<td>Social Problems</td>
</tr>
<tr>
<td>SY2600</td>
<td>Social Deviance</td>
</tr>
<tr>
<td>SY3630</td>
<td>Political Sociology</td>
</tr>
</tbody>
</table>

Internships:
Law internships for juniors and seniors are available and are highly recommended for the “hands on” experience they provide. American Studies offers internships in local government and community agencies with credits ranging from 4 to 8, dependent on the length of time spent on site. Politics, Economics and Law also offers internships that carry 4 to 8 credits and recruits students for the New York State Assembly Session Internship Program offered each spring in Albany as well as the Semester in Washington (D.C.) Internship Program offered through SUNY Brockport. Interested students should consult a pre-law adviser.

Pre-Law Center:
The Pre-Law Center, located in the NAB 3053, has numerous resources for students considering law school: information about the Law School Admission Test and how to prepare for it; networking events and internship opportunities; materials about law schools across the country; and an advisor to guide students through these processes.

Specific Law Courses:
The law courses taught in the career-oriented programs of Health and Society, Industrial and Labor Relations, Media and Communications, and the School of Business are:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS4220</td>
<td>Media and the Law</td>
</tr>
<tr>
<td>BU3600</td>
<td>Principles of Business Law</td>
</tr>
<tr>
<td>BU3605</td>
<td>Intermediate Business Law</td>
</tr>
<tr>
<td>BU3610</td>
<td>Advanced Business Law</td>
</tr>
</tbody>
</table>
While these are not part of the pre-law curriculum, liberal arts majors, who may be contemplating legal careers in any of these areas, should consider acquiring a greater appreciation of the subject by taking the appropriate course.

**Psychology Minor**

**Sponsoring department: Psychology**

Basic psychological knowledge is essential for an understanding of modern culture. Discourse in the arts, media and politics is infused with assumptions about the psyche. Educational debates hinge on differing theories of learning and cognition. Medicine and science are increasingly aware of the impact of psychological factors on health and in the process of scientific inquiry. Advertising and economic projections incorporate theories concerning human motivation. Understanding of human cognitive processes is critical to the development of software technology and artificial intelligence systems.

**Requirements**

Students must take at least 20 credits or a minimum of 5 courses in Psychology, distributed as follows:

A. **PY2010 Introduction to Psychology (required) 4 cr.** (minimum grade of C)

B. **Two courses from the following: 8 cr.**
   - PY3215 Foundations of Child Development
   - PY3230 Adulthood & Aging
   - PY3310 Abnormal Human Behavior
   - PY3311 Theories of Personality
   - PY3510 Social Psychology
   - PY3520 Group Process
   - PY4420 Adolescent Development
   - PY4450 Infants and Toddlers

C. **One course from Group A*, Cognitive and Physiological 4 cr.**

D. **One course from Group C*, Diversity and Social Justice 4 cr.**

*Refer to Psychology Department section of this catalog for a list of courses in Group A and Group C (page 94)

Please Note:

One course must be at the 4000-level or above. Students must receive a grade of C or better in all courses in the minor, or earn a cumulative average in the minor of 2.5 or better.

**Public Policy Minor**

**Sponsoring departments:** Health and Society; Politics, Economics and Law; Sociology

Faculty Advisors: Sachi Dastidar (PEL), Martha Livingston (PH), Diana Papademas (SY)

This minor is intended to give students an opportunity to explore the role of government in addressing current issues of public concern.

**Requirements:**

Students minoring in Public Policy are required to complete five courses (20 credits), as follows:

A. **Core Courses: two courses (8 credits)**
   - IR3140 Labor & Public Policy
   - PE2220 Urban Issues
   - PE2650 Introduction to U.S. Politics
   - PE3670 City & Suburb: Political Action and Change
   - SY4600 Social Programs, Planning & Policy

B. **Elective courses: three courses (12 credits)**
   - AS4232 History of Social Work & Public Policy
   - BU4780 Government Finance
   - BU5125 Management & Society
   - BU5472 Industrial Organization & Public Policy
   - CR4093 Criminal Justice Administration
   - PH4750 Aging & Social Policy
   - PH4760 Health Administration
   - PH4790 Health Policy
   - PH4890 Environmental Policy & Politics

   Additional electives include:
   - PE409 Urban Economics
   - PE409 Public Administration
   - PE450 Topics in U.S. Politics
   - PE465 Constitutional Law & Politics
   - PE468 Law and Civil Liberties
   - PE469 Law and Civil Rights
   - PY5520 Families & Public Policy
   - SY3160 Sociology of Culture
   - SY3750 Medical Sociology
   - SY4810 Law & Justice
   - SY4850 Urban & Suburban Sociology
   - AS4202 Internship in Government and Community

Please Note:

Students are encouraged to take one internship course as one of their electives in the minor.
Sponsoring departments: Public Health, Psychology and Sociology
Faculty Advisors: Martha Livingston (Public Health), Minna Barrett (Psychology)

Requirements
Students minoring in Social Work are required to complete five courses (20 credits), distributed as follows:

A. Required Course (4 credits)
   SY4260 Social Work: Theory and Practice

B. Human Behavior and Social Environment (4 credits)
   CR3094 Drugs and Society
   PH4450 Human Sexuality
   PH4631 Mental Health
   PH4650 Substance Use and Abuse
   PY3215 Foundations of Child Development
   PY3230 Adulthood and Aging
   PY3310 Abnormal Human Behavior
   PY3311 Theories of Personality
   PY3330 Psychology of Addictions
   PY3510 Social Psychology
   PY3620 Mood, Mentation, and Medication
   PY4320 Counseling Psychology
   PY4330 Behavior Modification
   PY4420 Adolescent Development
   PY4450 Infants & Toddlers

C. Social and Cross-Cultural (4 credits)
   CR2090 Juvenile Delinquency
   CR4000 Gender, Crime and Justice
   CR4099 Sociology of Violence
   CR4999 Issues in Criminology: Family Violence
   PY2340 Community Psychology
   PY2530 Psychology of Prejudice
   PY2720 Psychology of Gender
   PY3020 Health Psychology
   PY3520 Group Process
   PY3560 Psychology of Violence in the U.S.
   PY3740 Psychology of Latinos
   PY3750 Psychology of Asian Americans
   PY4520 Family Dynamics
   PY4560 Psychological Traumatization
   PY4720 Psychology of Women
   PY4730 African American Family Dynamics
   PY5770 Cross-Cultural Psychology
   SY2550 Social Problems
   SY2600 Social Deviance
   SY3160 Sociology of Culture
   SY3280 Social Inequality
   SY3700 Family and Society
   SY3800 Race and Ethnicity
   SY4400 Social Psychology
   SY4500 Global Sociology

D. Planning and Policy (4 credits)
   CR3092 Victimology
   CR4091 Punishment and Corrections
   PH4750 Aging and Social Policy
   PH4790 Health Policy
   PY4230 The Psychobiology of Aging
   PY5520 Families and Public Policy
   SY3750 Medical Sociology
   SY4600 Social Programs, Planning and Policy

E. Research and Internship (4 credits)
   PH4900 Health and Society Field Placement
   PY4130 Field Experience and Research
   PY4131 Internship in Applied Psychology
   SY4270 Internship in Social Work, Sociology and Criminology

Note: A minimum of 16 credits must be taken outside the student’s major. No more than one course may be transferred from another institution.
SPANISH MINOR
Sponsoring department: Modern Languages
The Spanish minor consists of 20 credits. Up to two courses may be transferred from another institution. Students must take a sequence of four ML language courses and choose one survey course in English, in either literature or cultural studies, from a number of HI, PEL or ML options. The objectives of this minor are to help students acquire a solid foundation in the language, to strengthen their communication skills and to offer them a broad introduction to Hispanic culture.

Requirements:
Students minoring in Spanish are required to complete five courses (20 credits) as follows:

A. Four Conversation and Grammar Courses (16 credits):
   - ML1110 or CE2010 Basic Spanish II
   - ML2100 Intermediate Spanish I
   - ML2120 Intermediate Spanish II
   AND
   - ML3100 Intensive Spanish Conversation and Composition

B. One Survey Course in English (4 credits):
   Select one:
   - HI3102 Hispanic Heritage
   - HI3110 Latin American Culture
   - HI3480 Masterpieces of Hispanic Literature
   - ML3300 Artistic Expressions of Spain
   - ML3410 Latino Writers in the United States
   - ML/EL4630 Latin American Literature
   - PE2240 Introduction to Latin American Studies

VISUAL ARTS MINOR
Sponsoring department: Visual Arts
The Visual Arts minor consists of a core of three required courses (12 credits) and three elective options: art history; fine art; or electronic media for a total of 20 credits. The minor is intended to serve two different groups of students. Students pursuing a liberal arts major would take the minor to explore non-linear modes of creative thinking and to become familiar with the ways in which art intersects with history, philosophy, psychology, literature and politics. Students majoring in professional programs such as teacher education, marketing, journalism and computer science can use the visual arts minor to develop some supplementary practical skills that will prove useful in their chosen career.

Requirements
A. Core Courses: three courses (12 credits)
   - VA2020 Basic Design
   - VA2030 Drawing
   - VA2045 Introduction to Color

B. Completion of one of the following options:
   Option 1
   Art History: two courses (8 credits)
   Two courses in art history at or above the 3000-level

   Option 2
   Fine Arts: two of the following (8 credits)
   - VA2010 Introduction to Creative Thinking
   - VA2460 Painting I
   - VA2750 Sculpture I

   Option 3
   Electronic Media: two of the following (8 credits)
   - VA2320 Graphic Design I
   - VA3380 Digital Video
   - VA3400 Digital Imaging
   - VA4260 Interactive Web Design
   - VA4265 3-D Digital Design
   - VA4460 Digital Animation
WOMEN AND GENDER STUDIES MINOR

Sponsoring departments: American Studies; English; Psychology; Sociology

Director: Linda Camarasana

Women and Gender Studies is a multidisciplinary field that examines the creation, reconstruction, and perpetuation of asymmetrical sex and gender systems, as well as their connections to other systems of power and inequality. It explores the ways in which gender intersects with women’s and men’s personal identities, health and well-being, social and cultural arrangements, economic and political systems, and our ways of knowing and understanding the world.

The minor examines how ideologies of sex and gender have influenced and been influenced by culture and society; literature and the arts; law and public policy; and health, science, and technology. It closes gaps in traditional higher education resulting from the exclusion of women and other marginalized groups from many fields of study.

This program of study empowers students through a feminist critique of social, cultural, and institutional structures that enables them to think more critically about their own lives and that inspires them to work as active citizens for social justice. The knowledge and skills attained from the Women and Gender Studies minor are valuable in such fields as education, social work, art, literature, business and human resources, scientific research and the health professions, law and public policy, media production, nonprofit advocacy, psychology, and information technology.

Requirements

A. Foundation Course:
   WS1000/AS1512 Introduction to Women’s Studies 4 credits

B. Three Electives
   (selected from at least two of the following three groups)

Group A: History
   AS3412 African American Women’s History
   AS3462 History of Women in the U.S.
   AS4432 History of the Women’s Movement
   HI4420 Women and Witchcraft
   HI4850 Domesticity in 19th and 20th Century India

Group B: Literature
   EL2222 Women’s Voices
   EL4030 Women and Narrative
   EL4040 Black Women Writers
   EL4050 Lesbian and Gay Literature
   ML4450 Hispanic Women Writers (taught in Spanish)

Group C: Social Perspectives
   AS3432 Women: Cultural Issues
   AS3852 Women and the Media
   AS4435 Women of Color Feminisms
   BU5851 Consumer Behavior
   CR4000 Gender, Crime, and Justice
   IR3330 Women, Minorities, and the Workplace
   PE3450 Women from a Global Perspective
   PE4450 Politics of Gender and Sexuality
   PH4450 Human Sexuality
   PH4610 Women and Health
   PY2720 Psychology of Gender
   PY4720 Psychology of Women
   SY3700 Family and Society

C. WS4900, Internship in Women and Gender Studies OR WS9990 Independent Study (or one additional elective from the lists above)
   Prerequisite: WS1000/AS1512 Introduction to Women’s Studies or equivalent course.

With approval from the Women’s Center’s Academic Director, students may substitute an appropriate internship in the following departments: AS 4202 Internship in Community and Government, EL4100 English Internship, HP3995 Career Internship; HS4900 Health and Society Field Placement; IR 5900 Internship in Industrial/Labor Relations; PE5990 PEL Internship, PE5990 Field Experience and Research, SY4270 Internship in Social Work, VA4900 VA Internship. With approval from the Women’s Center Academic Director, students may substitute an appropriate independent study in the same departments.