**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 as 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>Code</th>
<th>Course Description</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 2250 Physics II*</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CP2231 or 2251 Physics II 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>

*Consult a Science advisor.

### II. Strongly Recommended

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</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></td>
</tr>
<tr>
<td>BS4000</td>
<td>Level Courses</td>
<td></td>
</tr>
<tr>
<td>CP3000</td>
<td>Level Courses</td>
<td></td>
</tr>
<tr>
<td>CP4000</td>
<td>Level Courses</td>
<td></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>CP4490</td>
<td>Biochemistry for Life Science</td>
<td>3</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.
**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>Minor</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>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.</td>
</tr>
<tr>
<td>Accounting</td>
<td>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.</td>
</tr>
<tr>
<td>Accounting</td>
<td>A.	Core Courses: five courses</td>
</tr>
<tr>
<td>Accounting</td>
<td>BU3502 Principles of Accounting I</td>
</tr>
<tr>
<td>Accounting</td>
<td>BU3511 Principles of Accounting II</td>
</tr>
<tr>
<td>Accounting</td>
<td>BU4500 Intermediate Accounting I</td>
</tr>
<tr>
<td>Accounting</td>
<td>BU4510 Intermediate Accounting II</td>
</tr>
<tr>
<td>Accounting</td>
<td>BU4570 Federal Income Tax I</td>
</tr>
<tr>
<td>Accounting</td>
<td>B. Elective Courses: select one of the following options and take 8 credits in that option</td>
</tr>
<tr>
<td>Accounting</td>
<td>Option I – Internal Reporting Emphasis</td>
</tr>
<tr>
<td>Accounting</td>
<td>BU4590 Cost Accounting</td>
</tr>
<tr>
<td>Accounting</td>
<td>BU5505 Essentials of Government and Nonprofit Accounting</td>
</tr>
<tr>
<td>Accounting</td>
<td>Option II – Public Company Emphasis</td>
</tr>
<tr>
<td>Accounting</td>
<td>BUSS25 Fundamentals of International Accounting (2 cr.)</td>
</tr>
<tr>
<td>Accounting</td>
<td>BUSS40 Advanced Accounting</td>
</tr>
<tr>
<td>Accounting</td>
<td>BUSS50 Auditing</td>
</tr>
<tr>
<td>Accounting</td>
<td>BUSS55 Foundations of Accounting Information Systems (2 cr.)</td>
</tr>
<tr>
<td>Accounting</td>
<td>Option III – General Accounting Emphasis</td>
</tr>
<tr>
<td>Accounting</td>
<td>Choose any 8 credits from Options I or II.</td>
</tr>
</tbody>
</table>
AFRICAN AMERICAN STUDIES AND THE AFRICAN DIASPORA MINOR

The minor in African American Studies and the African Diaspora utilizes multi-and interdisciplinary approaches, methods, and theories to illuminate the diverse experiences of people of African descent and shifting notions of identity. Through national, transnational, and diasporic perspectives, students are introduced to the histories, perspectives, experiences, activism, and cultural productions of African-descended peoples.

Navigating the breadth of experiences in the diaspora, students explore the intersections of race, gender, ethnicity, class, and nation. A minor in African American Studies and the African Diaspora can prepare students for graduate programs and lead to a wide array of career paths in areas such as law, media, the arts, education, international relations, libraries, archives, museums, business, health, urban planning and politics.

The minor requires a total of five courses (20) credits, four of which must be taken outside the student’s major courses. Two course may be transferred from another college. Only three 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 may 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)
   1. History
      AS2262 African American History I
      AS2263 African American History II
      AS3270 Africa in the Americas
      AS3412 African American Women’s History
      HI3640 African History
      AS4218 Civil War and Reconstruction
      HI4650 The History of African Enslavement

   2. Cultural, Social and Political Institutions
      AS3812 African Americans and the Mass Media
      AS4435 Women for Color Feminisms

   3. Literature
      AS4715 African American Thought and Culture
      HI3091 African Cultures
      HI3610 America’s African Heritage
      HI3704 African Philosophy and Religion
      HI3907 African Film
      PY4730 African American Family Dynamics
      SY3900 Social Movements

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

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

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

**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)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS2510</td>
<td>Computer Programming I</td>
<td>4</td>
</tr>
<tr>
<td>CS2511</td>
<td>Computer Programming II</td>
<td>4</td>
</tr>
<tr>
<td>CS3810</td>
<td>Data Structures &amp; Algorithms</td>
<td>4</td>
</tr>
<tr>
<td>CS4501</td>
<td>Software Engineering</td>
<td>4</td>
</tr>
</tbody>
</table>

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.

A. Professional Skills: Two courses (8 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS3625</td>
<td>Nonprofit Stewardship and Development</td>
<td>4</td>
</tr>
<tr>
<td>PS4630</td>
<td>Financial Administration of Nonprofits</td>
<td>4</td>
</tr>
</tbody>
</table>

B. Religious Knowledge: Two of the following three courses (8 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HI2155</td>
<td>Introduction to Comparative Religion</td>
<td>4</td>
</tr>
<tr>
<td>HI3200</td>
<td>Contemporary Religious Experience</td>
<td>4</td>
</tr>
<tr>
<td>HI3950</td>
<td>Philosophy of Religion</td>
<td>4</td>
</tr>
</tbody>
</table>

C. Elective: One Course (4 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS3675</td>
<td>Introduction to Social Entrepreneurship</td>
<td>4</td>
</tr>
<tr>
<td>PS4660</td>
<td>Business Leadership and Ethics</td>
<td>4</td>
</tr>
<tr>
<td>HI1010</td>
<td>World Religions – West</td>
<td>4</td>
</tr>
<tr>
<td>HI1020</td>
<td>World Religions – East</td>
<td>4</td>
</tr>
</tbody>
</table>

**CONGREGATIONAL LEADERSHIP MINOR**

Sponsoring departments and schools: Professional Studies and Arts & Sciences: History and Philosophy Department

The minor in Congregational Leadership is designed for clergy, administrators or others holding leadership positions in religious or spiritual organizations as well as for lay members of religious/spiritual communities who may wish to gain a greater understanding of how their communities function in both practical and religious contexts. The minor offers courses on the managerial, financial and governance issues of nonprofit religious organizations as well as courses that broaden a congregational leader’s or lay participant’s religious and spiritual understanding.

**Requirements**

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

A. Professional Skills: Two courses (8 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS3625</td>
<td>Nonprofit Stewardship and Development</td>
<td>4</td>
</tr>
<tr>
<td>PS4630</td>
<td>Financial Administration of Nonprofits</td>
<td>4</td>
</tr>
</tbody>
</table>

B. Religious Knowledge: Two of the following three courses (8 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HI2155</td>
<td>Introduction to Comparative Religion</td>
<td>4</td>
</tr>
<tr>
<td>HI3200</td>
<td>Contemporary Religious Experience</td>
<td>4</td>
</tr>
<tr>
<td>HI3950</td>
<td>Philosophy of Religion</td>
<td>4</td>
</tr>
</tbody>
</table>

C. Elective: One Course (4 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS3675</td>
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<td>Business Leadership and Ethics</td>
<td>4</td>
</tr>
<tr>
<td>HI1010</td>
<td>World Religions – West</td>
<td>4</td>
</tr>
<tr>
<td>HI1020</td>
<td>World Religions – East</td>
<td>4</td>
</tr>
</tbody>
</table>
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.
# ECONOMICS MINOR

**Sponsoring department:** Politics, Economics and Law

The economics minor is intended to familiarize students with the economic aspects of society, to develop their ability to use economic theory and techniques to analyze contemporary social issues, and exercise judgment in evaluating public policy. Students interested in further study or careers in business (management or finance), international relations, law as well as public policy areas such as environmental policy, public health, urban studies or civil service will benefit from this minor’s more in-depth training in the tools of economists.

## REQUIREMENTS:

The minor requires a minimum of five courses or 20 credits. A minimum of 16 credits must be courses that do not count towards the student’s major. For example, a PEL or business major will have to take a minimum of 4 courses that are not being used as part of their major requirements. Up to two courses in the 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 towards the minor.

**Suggested Prerequisite:**

MA2000 Applied Statistics

**CORE COURSES (3 Courses)**

A. **Required Courses:** (12 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 2420</td>
<td>Microeconomics (MA1020 or MA2000)</td>
</tr>
<tr>
<td>PE 2430</td>
<td>Macroeconomics (MA1020 or MA2000)</td>
</tr>
</tbody>
</table>

Choice between (one of the following)

- PE2325 Economic Analysis-Micro (Prerequisite PE2420)
- PE3425 Economic Analysis-Macro (Prerequisite PE2420)

B. **Elective Courses:** Pick two of the following (8 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE3410</td>
<td>U.S. Political Economy*</td>
</tr>
<tr>
<td>PE3425</td>
<td>Economic Analysis-Micro (Prerequisite PE2420)</td>
</tr>
<tr>
<td>PE3435</td>
<td>Economic Analysis-Macro (Prerequisite PE2430)</td>
</tr>
<tr>
<td>PE3440</td>
<td>International Economics (Prerequisite PE2420 or 2430)</td>
</tr>
<tr>
<td>PE4275</td>
<td>Applied Econometrics (Prerequisite MA2000 Applied Statistics)</td>
</tr>
<tr>
<td>PE4290</td>
<td>Environmental Economics (Prerequisite PE2420 or 2430)</td>
</tr>
<tr>
<td>PE4409</td>
<td>Urban Economics (upper division standing)</td>
</tr>
<tr>
<td>PE4430</td>
<td>Health Economics (upper division standing)</td>
</tr>
<tr>
<td>PE4440</td>
<td>Food and Wine Economics (Prerequisite PE2420)</td>
</tr>
<tr>
<td>PE4455</td>
<td>Economics Development (Prerequisite PE2420 or 2430)</td>
</tr>
<tr>
<td>PE4460</td>
<td>International Finance (Prerequisite PE2420 or 2430)</td>
</tr>
<tr>
<td>PE4470</td>
<td>History of Economic Thought (upper division standing)</td>
</tr>
<tr>
<td>PE4580</td>
<td>Origins of Capitalist Development (upper division standing)**</td>
</tr>
<tr>
<td>PE4590</td>
<td>Global Economy of 20th Century (upper division standing)**</td>
</tr>
<tr>
<td>PE4600</td>
<td>Depression Economics (Prerequisite PE2420 or 2430)</td>
</tr>
<tr>
<td>PE4650</td>
<td>Topics in Economics (Prerequisite PE2420 or 2430 &amp; Upper Division Standing)</td>
</tr>
</tbody>
</table>

*PEL majors cannot use this course in the Economics Minor

**PEL majors can only use one of these in Economics Minor and must use the other as part of their PEL major
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, Public Health 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)
   - BS2490 Environmental Science or BS4470 Ecology
   - 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 Public Health 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
   - BS3530 Comparative Genomics Lecture
   - BS3531 Comparative Genomics Lab
   - BS3710 Environmental Physiology
   - BS4470 Ecology
   - BS4472 Microbial Ecology
   - BS4491 Human Ecology
   - BS4651 Toxicology
   - CP2000/2001 Chemistry for Non-Majors with Lab
   - CP2300/2301 Weather Studies with Lab
   - CP2400/2401 Ocean Studies with Lab
   - CP2500/2501 Climate Studies with Lab
   - CP2600 Environmental Analysis of Long Island
   - PE3720 Long Island Economy, Environment and Society
   - PH4800 Epidemiology
   - PH4890 Environmental Justice
   - PY3520 Environmental Psychology
EQUINE MANAGEMENT AND THERAPEUTIC HORSEMANSHIP MINOR

Sponsoring departments and schools: Professional Studies and Arts & Sciences: Psychology Department

There is a large and vibrant equestrian community on Long Island, and therapeutic horsemanship is a rapidly growing field in mental health care. A wide variety of employment opportunities is therefore available for students in the areas of Equine Management and Therapeutic Horsemanship. Students who complete this minor, which is offered in conjunction with HorseAbility, a Professional Association of Therapeutic Horsemanship (PATH) accredited Premier Therapeutic Equestrian Center located on Old Westbury’s campus, will have a documented specialized education in these areas.

Requirements

Students are required to take 20 credits by completing the following five (5) courses.

A. Equine Affairs: Two courses (8 credits)
   - PS1080 Equine Management*
   - PS2085 Equine Health*

B. Psychological Aspects: Three courses (12 credits)
   - PY4320 Counseling Psychology
   - PY4360 Introduction to Therapeutic Riding Instruction*
   - PY4660 Introduction to Equine Facilitated Psychotherapy*
   * Note: Class includes a practicum that requires a $650 fee in addition to the regular tuition and College fees.

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 -

   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

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 contributes 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 History of the Modern Middle East
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**

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

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 is 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 Latina/os 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)
- 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
- PH4770 Occupational Health
- SY3910 Sociology of Work

Industrial and Labor Relations course descriptions are found on page 204-205.

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 4308 History of the Modern Middle East
4. TWO from the following:
   - HI 3704 African Religions and Philosophy
   - HI 3840 Crescent and Cross
   - HI 4305 Islam and the Quran
   - HI 4308 History of the Modern Middle East
   - HI 4318 Islamic Philosophy and Mysticism
   - HI 4306 Golden Age of Islam
   - PE 4200 Middle Eastern Politics

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 4
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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BU3800 Marketing Principles</td>
<td>4cr</td>
</tr>
<tr>
<td>BU4851 Consumer Behavior</td>
<td>4cr</td>
</tr>
<tr>
<td>BU4820 International Marketing</td>
<td>4cr</td>
</tr>
<tr>
<td>BU5880 Brand Theory and Strategy</td>
<td>4cr</td>
</tr>
</tbody>
</table>

B. Elective Courses: one of the following

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS841 Strategic Marketing</td>
<td>4cr</td>
</tr>
<tr>
<td>BUS891 Marketing Seminar</td>
<td>4cr</td>
</tr>
</tbody>
</table>

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:

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

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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA3210 Intro. to Probability &amp; Statistics</td>
<td>4cr</td>
</tr>
<tr>
<td>MA3330 Calculus and Analytic Geometry III</td>
<td>4cr</td>
</tr>
<tr>
<td>MA3520 Transition to Advanced Mathematics</td>
<td>4cr</td>
</tr>
<tr>
<td>MA4100 Number Theory4crMA4510Geometry4cr</td>
<td></td>
</tr>
<tr>
<td>Any 4000 or 5000 level Mathematics Course</td>
<td>4cr</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 US 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.

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
   AS4260 New Media Newsroom
   AS4825 Making a Newspaper/Magazine
   AS4852 Documentary Production
   AS4965 Video in Action
   AS9990 Independent Study
   VA2320 Graphic Design I
   VA2400 Introduction to Photography I
   VA3380 Digital Video
   VA3400 Digital Imaging
   VA4320 Graphic Design II
   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
   EL4080 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
NEUROPSYCHOLOGY MINOR

Sponsoring department: Psychology
Faculty Advisors: B. Runi Mukherji, Lorenz S. Neuwirth, Lillian Park

Neuroscience is the study of the structure and function of the nervous system. Neuropsychology, which is a subfield of neuroscience, is the study of the brain and its relationship to affect, behavior, and cognition. Neuropsychology is one of the most rapidly growing fields of study, and with a background in neuropsychology, students have access to a wide variety of careers such as:

- Rehabilitative Science (e.g., traumatic brain injury, concussion, stroke, etc.)
- Developmental Disabilities (e.g., Autism, ADD/ADHD, Cerebral Palsy, etc.)
- Education and Special Education
- Sports Health/Medicine
- Gerontology and Neurorehabilitation
- Psychiatric Nursing
- Occupational, Physical, and Speech Therapy
- Public Health, Law and Ethics
- Basic and Applied Clinical Research
- Psychometric Testing
- Diagnostic Technology
- Psychiatry
- Mental Health Counseling (MHC)
- Pharmacology/Industry
- Research and Development of Industrial Applications for Assistive Technologies

The Psychology Department is confident that minoring in this rapidly expanding field will make our students significantly more competitive, both for employment and in their pursuit of advanced graduate/professional training in related academic and professional settings. The program is designed as a sequence of interdisciplinary courses, rooted in a unique neuroscience and a social justice framework, offering a broad range of topics to best prepare students with a competitive edge in the global job market. This minor is intended for a broad range of students interested in careers within, but not limited to, the following fields: psychology, forensic/criminal sciences, nursing, developmental disabilities, special education, gerontology/rehabilitative science, mental health counseling, pharmacology, psychiatry, psychology, neurobiology, public health, law and ethics, basic and clinical research, psychometric testing and diagnostic technology, and other related industries.

The minor is offered by the Psychology Department, and has been designed so that it is particularly accessible to Psychology, as well as, other majors. The minor has been constructed so that students from any overlapping discipline will be able to complete their major with four courses in addition to their major requirements.

Requirements for the Minor in Neuropsychology

Five courses, totaling twenty credits. Only ONE of the courses required for the minor can be counted toward a Departmental major. Students must take at least 20 credits or a minimum of 5 courses in Neuropsychology or the associated disciplinary areas (i.e., BS2300, BS2310, BS2400, BS2401, BS4500, SY4520, PH3600, PH4670, PH4680, PH4800, etc.), distributed as follows:

A. Research Methods: One from the group below (4 cr.)
   - PY3010 Research Design & Analysis I
   - SY4520 Research Methods I
   - PH4670 Biostatistics

B. Foundational Courses: One from the group below (4 cr.)
   - PY3410 Cognitive Psychology
   - PY3420 Learning & Motivation
   - PY3610 Brain & Behavior
   - PY3620 Drugs & Behavior
   - BS2300-BS2310 Anatomy & Physiology (and Lab)
   - BS2400-BS2401 Basic Biology I (and Lab)
   - PY3600 Social Determinants of Health
   - PH4680 Environmental Health

C. Special Topics: Two from the group below (8 cr.)
   - PY4230 Psychobiology of Aging
   - PY4401 Developmental Neuropathology
   - PY4402 Neuropsychopharmacology
   - PY4403 Cognitive Neuroscience
   - PY4410 Psychology of Teaching and Learning
   - BS4500 Cell and Molecular Neurobiology
   - PH4680 Environmental Health
   - PH4800 Epidemiology

D. Capstone: One from the group below (4 cr.)
   - PY5404 Environmental Neuropasticity
   - PY5610 Research Perspectives in Neuropsychology
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 8 credits

Choose one course from each of the following two groups:

Group 1
- HI 1010 World Religions West
- HI 1020 World Religions East
- HI 2155 Introduction to Comparative Religion

Group 2
- HI 2200 Science in Western Civilization *
- HI 2700 Introduction to Logic *
- HI 2720 Introduction to Philosophy

Choose 3 courses in one of the following tracks; 12 credits total:

A. Modes of Philosophical Inquiry
- HI 2700 Introduction to Logic *
- HI 3525 Ancient Greek Philosophy
- HI 3703 Modern Philosophy
- HI 3704 African Religions and Philosophy
- HI 3710 Contemporary Philosophical Issues
- HI 3752 Ethics
- HI 3950 Philosophy of Religion
- HI 4051 Logic and Scientific Reasoning
- HI 4318 Islamic Philosophy and Mysticism
- HI 4395 Philosophy from the 20th to the 21st Century
- PE 4620 Political and Social Thought
- PE 4658 Law and Civil Liberties
- PE 4665 Human Rights
* Can count towards core requirement or towards a track, but not both.

B. History of Ideas
- HI 2200 Science in Western Civilization *
- HI 3002 Rise of Reason
- HI 3011 Foundations of the Judeo-Christian Tradition
- HI 3021 Europe in the Middle Ages
- HI 3030 From God to the Machine
- HI 3704 African Religions and Philosophy
- HI 4318 Islamic Philosophy and Mysticism
- HI 4420 Women and Witchcraft
- HI 4557 Renaissance and Reformation
- AS 3482 History of Love and Sexuality
- AS 4215 Critical Ideas in American History
- PE 4620 Political and Social Thought

C. Modes of Religious Inquiry
- HI 3011 Foundations of the Judeo-Christian Tradition
- HI 3200 Contemporary Experience of Religion
- HI 3323 Buddhism
- HI 3704 African Religions and Philosophy
- HI 3950 Philosophy of Religion
- HI 4305 Islam and the Quran
- HI 4306 Golden Age of Islam
- HI 4318 Islamic Philosophy and Mysticism
- HI 4420 Women and Witchcraft
- HI 4457 Renaissance and Reformation Europe
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:

- HI2700 Introduction to Logic
- OR PE2300 Introduction to Law

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:

- AS2112 American People I
- AS2122 American People II
- AS3462 History of Women in the U.S.
- HI2681 Introduction to European History
- HI2720 Introduction to Philosophy
- HI4001 Nineteenth Century
- HI4011 Twentieth Century
- PE2650 Introduction to U.S. Politics
- PE4580 Origins of the Capitalist Economy

Requirements

Students must complete 5 courses or 20 credits as follows:

A. Theory: two courses (8 credits)

- AS4215 Critical Ideas in American History
- AS5202 American Social and Political Visions
- HI3703 Modern Philosophy
- PE4325 Jurisprudence: Legal Thought
- PE4470 History of Economic Thought
- PE4620 Political and Social Thought
- SY4530 Sociological Theory I

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

- AS4222 The Gilded Age and the Progressive Era
- AS4252 Immigrants, Migrants, and Americanization
- CR3099 Sociology of Violence
- HI3752 Ethics
- PE3410 Contemporary U.S. Political Economy
- PE4650 Topics in U.S. Politics
- SY2550 Social Problems
- SY2600 Social Deviance
- SY3630 Political Sociology
C. Constitutional Law, Civil Rights, and the Judicial Process: one course (4 credits)
   CR3093  Criminal Justice Administration
   IR3500  Arbitration and Mediation
   PE4655  Constitutional Law and Politics
   PE4658  Law and Civil Liberties
   PE4659  Law and Civil Rights
   SY4810  Law and Justice

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:
   AS4220  Media and the Law
   BU3600  Principles of Business Law
   BU3605  Intermediate Business Law
   BU3610  Advanced Business Law
   HS4820  Health Law
   IR4320  Labor and Employment Law
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 for the Minor in Psychology
Students must take at least 20 credits or a minimum of 5 courses in Psychology, distributed as follows:

A. PY2010 Introduction to Psychology  4 cr.
   (Required, with minimum grade of C)
B. Two courses from the group below:  8 cr.
   PY3215  Foundations of Child Development
   PY3230  Adulthood & Aging
   PY3310  Abnormal Human Behavior
   PY3311  Theories of Personality
   PY3510  Social Psychology
   PY3520  Group Process
   PY3565  Organizational Psychology
   PY4010  History of Psychology
   PY4320  Counseling Psychology
   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.

Note: At least one course must be at the 4000-level or higher. Students must have a cumulative average of 2.5 based on all courses in the minor.
PUBLIC POLICY MINOR

Sponsoring departments: Politics, Economics and Law, Public Health, and 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 Unions & Public Policy
- PE2220 Urban Issues
- PE2650 Introduction to U.S. Politics
- PE3690 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
- BUS125 Management & Society
- BUS472 Industrial Organization & Public Policy
- CR4093 Criminal Justice Administration
- PH4750 Aging & Social Policy
- PH4760 Health Administration
- PH4790 Health Policy
- PH4890 Environmental Policy & Politics
- PE4409 Urban Economics
- PE4609 Public Administration
- PE4650 Topics in U.S. Politics
- PE4655 Constitutional Law & Politics
- PE4658 Law and Civil Liberties
- PE4659 Law and Civil Rights
- PY5520 Families & Public Policy
- SY3160 Sociology of Culture
- SY3750 Medical Sociology
- SY4810 Law & Justice
- SY4850 Urban & Suburban Sociology

Students are encouraged to take one internship course as one of their electives in the minor.

- AS4202 Internship in Government and Community
- PE5999 Internship in Politics, Economics and Society
- PE9970 New York State Legislative Internship
- SY4270 Internship in Social Work, Sociology and Criminology
SOCIAL WORK MINOR

Sponsoring departments: Public Health, Psychology and Sociology
Faculty Advisors: Martha Livingston (Public Health), B. Runi Mukherji (Psychology), Rachel Kalish (Sociology)

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  Drugs and Behavior
   PY4320  Counseling Psychology
   PY4330  Behavior Modification
   PY4420  Adolescent Development
   PY4450  Infants & Toddlers

C. Social and Cross-Cultural (4 credits)
   CR2090  Juvenile Delinquency
   CR3099  Sociology of Violence
   CR4000  Gender, Crime and Justice
   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
   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
   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 communications 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 4 credits
   - VA2030 Drawing 4 credits
   - VA2045 Introduction to Color 4 credits

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 4 credits
     - VA2460 Painting I 4 credits
     - VA2750 Sculpture I 4 credits

   Option 3
   - Electronic Media: two of the following (8 credits)
     - VA2320 Graphic Design I 4 credits
     - VA3380 Digital Video 4 credits
     - VA3400 Digital Imaging 4 credits
     - VA4260 Interactive Web Design 4 credits
     - VA4265 3-D Digital Design 4 credits
     - VA4460 Digital Animation 4 credits
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; IR 5900 Internship in Industrial/Labor Relations, PE5990 PEL Internship, PH4900 Public Health Field Placement, PY3130 Internship in Applied Psychology, PY4130 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.